PeeJay-1

WELL COMPLETION REPORT

BASIC DATA

T/39P

Bass Basin, Offshore Northern Tasmania

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May 2009

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1 WELL INDEX SHEET PEEJAY-1

SEISMIC LOCATION:	Survey:	PJ3D
	InLine:	1206
	CDP:	922

PERMIT:	T/39P
BASIN:	Offshore Bass Basin
PARTICIPANTS:	
Beach Petroleum Ltd (Drilling Ops Manager)	50%
Benaris Petroleum N.V. (Permit Operator)	50%

SURFACE LOCATION:	Latitude:	40º 29' 47.9079" S
	Longitude:	146º 21' 35.4578" E
	Easting:	445 754.686mE
	Northing:	5 516 921.312mN
	Datum:	GDA94
	Spheroid:	GRS80
	Map Grid:	MGA 94
	Projection:	UTM Zone 55, CM 147

WELL DESIGNATION:	Exploration
STATUS:	Plugged and Abandoned
STRUCTURE TYPE:	Anticline
RIG NAME AND TYPE:	Seadrill West Triton Jack-Up MODU
RIG CONTRACTOR:	Atlas Drilling (S) PTE LTD

TOTAL DEPTH:	(mMD)	(mTVDSS)
Driller:	2183.0	2148.9
Logger:	N/A	
ELEVATION:	Datum:	MSL
	RT-ASL (MSL):	34.15m
	WD (MSL):	78.0m
	RT-ML:	112.2m

HOLE SIZES:	Size	Interval (mMD)
	914mm (36")	112.2 - 218.0m
	406mm (16")	218.0 - 810.0m
	311mm (12 ¼")	810.0 - 2183.0m
CASING:	Size	Shoe (mMD)
	762mm (30")	206.4
	508mm (20")	215.8
	340mm (13 3/8")	804.1
SPUD DATE:	18:30hrs	15/11/2008
REACHED TD:	16:30hrs	27/11/2008
RIG RELEASED:	15:00hrs	04/12/2008

LWD LOGS

DATE	HOLE SIZE	RUN NUMBER	MEASUREMENT	INTERVAL
18-19/11/2008	406mm (16")	1	GR-D&I-Shear DT-Comp DT	218.0 - 810.0m
21-23/11/2008	311mm (12 ¼")	2	GR-APWD-D&I-Resistivity-Shear DT-Comp DT-Density-Neutron-Caliper	810.0 – 1454.0
24-28/11/2008	311mm (12 ¼")	3	GR-APWD-D&I-Ring, Bit, Button Resistivitys-Shear DT-Comp DT-Density-Neutron-Caliper	1454.0 – 2183.0

WIRELINE LOGS – NIL

LOG TYPE	SUITE/RUN	INTERVAL mRT	BHT/TIME

DRILL STEM TESTING - NIL

TEST	TEST INTERVAL	FLOW RATE	CHOKE	FWHP

CEMENT PLUGS

PLUG	INTERVAL	CEMENT TYPE	CEMENT VOLUME
1	1260 – 1360m	Abandonment	84 bbls
2	704 – 834m	Abandonment	70 bbls
3	120 – 185m	Abandonment	160 bbls

Figure 1: PeeJay-1 Location Map

2 OPERATIONS SUMMARY

2.1 Rig Mobilisation and Rig Up

The West Triton jack-up rig came on contract to Beach Petroleum, Operator for the well, for the tow to PeeJay-1 at 16:00hrs on the 13th of October 2008 when the rig was 1nm from Stuart Petroleum's Bazzard-1 location, the previous well in the drilling campaign using the West Triton rig.. The tow distance of 148nm was covered at an average speed of 4.7kts. The rig arrived at location and was soft pinned at 24:00hrs on the 14th of October 2008 and commenced pre-load operations.

During pre-load operations two horizontal braces were damaged. The rig was re-floated to be moved to an alternative location to undertake repairs.

The rig departed PeeJay-1 location at 16:30hrs on the 21st of October 2008 and was towed back to Stuart Petroleum's Bazzard-1 location where the repairs were completed.

The rig returned to the PeeJay-1 location at 01:20hrs on the 12th of November 2008 and was pinned back in the original spudcan holes. The rig was then jacked up to 3.5m air gap and all three legs were preloaded to 100% and held for 12 hours.

Total time associated with mobilising the rig to PeeJay-1 and rigging up was 32.63 days, of which 27.75 days was NPT associated with the leg failure and subsequent repairs. Total productive time was 4.88 days.

2.2 PeeJay-1 Drilling Operations

2.2.1 914mm (36") Hole Section and 762mm (30/20" Conductor)

The well was spudded at 18:30hrs on the 15th November 2008 with a 26in Reed Y11C rock bit and a 36in hole opener. The section was drilled initially at a reduced air gap of 3.5m, from seabed at 104mMDRT to 155mMDRT in 2.5hrs. A survey was taken at this depth and the Anderdrift tool recorded an inclination of 1.0°.

The BHA was then pulled out of hole and racked back, and the cantilever was skidded in, pinned and secured before the rig was jacked up to an operating air gap of 11.3m. Drilling resumed after the Texas Deck was deployed and the cantilever was skidded aft to the drilling position again. The 36" hole was then drilled from 162mMDRT (note: depth difference due to change in air gap) to section TD at 218mMDRT in 2.5hrs. At section TD the hole was swept with 200bbls of hi-vis mud and displaced to pre-hydrated gel prior to pulling out of hole and racking back the BHA.

The Conductor Tensioner Unit (CTU) was installed on the Texas Deck while rigging up to run the conductor. The 30" string was run to 167m and then was worked to setting depth of 216mMDRT due to tight hole. The conductor was cemented through drill pipe. The cement unit pumped 90bbls of seawater spacer with no returns observed at the seabed by the ROV. The conductor was then cemented with 83bbls of 15.9ppg Class G cement slurry, with an expected top of cement at 175mMDRT.

2.2.2 406mm (16") Hole Section and 311mm (13 3/8") Surface Casing

The 16" BHA was made up and run in hole. Top of cement was tagged at 214m inside the conductor and 16" hole was drilled from 218m to 810m in 21 hours with a Hughes GXC-1V bit. Average ROP was 51m/hr for on-bottom time and overall average including connections was 28.2m/hr. The BHA included MWD Directional-GR-Sonic. No wireline logs were run at section TD.

While rigging up to run 13 ⅜" casing, the final cut was made on the 30" conductor to be compatible with the mud line hanger depth. The 13 ⅜" casing was run with a shoe depth of 804mMDRT and was cemented with 142bbls of 15.8ppg class G cement. The plan was to place the top of cement behind the 13.375in casing at +/-500mMDRT to prevent cement interfering with the Mudline Suspension System. The SSR wiper plug failed to bump and was found still attached to the launch sub. Final displacement pressure indicated top of cement was at the planned 500mMDRT and the casing was subsequently successfully pressure tested to 2500psi against the blind-shear rams.

2.2.3 311mm (12 1/4") Hole Section

A 12 ¼" Reed Hycalog RSX616M-A16 PDC bit was made up to a BHA comprising resistivity, sonic and density-neutron LWD tools. The BHA was run in the hole and cement was tagged at 781mMDRT. The wellbore was then circulated to 8.8ppg KCl/Polymer mud while drilling the shoetrack and new hole to 813m where a Leak Off Test was conducted to 15.55ppg EMW. 12 ¼" hole was then drilled to 1453m (640m) in 27 hours at an overall average ROP of 23.7m/hr before the BHA was pulled out of hole for a bit change due to slow ROP. All of the cutting structure and blades of the bit were worn down to the body, due to drilling through pyrite stringers, and damage was also observed on the threaded connections of some of the LWD tools.

A new 12 ¼" Hughes MXL-C30HDX TCI tri-cone which was made up and run in hole on the BHA. This bit drilled to the final well TD of 2183mMDRT (729m) in 78.5hrs with no hole problems.

The decision was made to cancel the wireline logging program because it was considered that sufficient information was obtained from the real time and recorded LWD data.

2.3 Plug and Abandon

The well was plugged and abandoned as per the well schematic in Figure 3.

A mule shoe was made up to 5.5" drill-pipe and RIH to 1449mMDRT to set an open hole cement plug across the top of the Upper Eastern View Coal Measures. When breaking circulation, the hole packed off and a total of 194 bbls of mud was lost downhole. Once circulation was re-established, a large quantity of cavings was circulated out of the hole.

After cleaning up the hole, a 50bbl hi-vis pill was spotted from 1460m to 1360m and abandonment Plug #1 was set from 1360-1230mMDRT using 84bbls of 15.8ppg class G cement. Top of cement was then tagged at 1260mMDRT.

A 50bbl hi-vis pill was spotted from 934m to 834m before abandonment Plug #2 was set across the 13 ⅜" shoe from 834-704mMDRT (70bbls of 15.8ppg class G cement) and pressure tested to 1350 psi. The diverter and BOPs were then nippled down and the 13 ⅜" casing was successfully cut at 155mMDRT and recovered to surface along with the Dril-Quip 18 ¾" wellhead.

The mule shoe was then RIH on drill pipe to set the surface cement plug (Plug #3). There was no resistance passing the 13 3/8" casing stump at 155m but the string held up at 207m (depth of 30in x 20in swage) indicating the string was on the outside of the 13 3/8" stub.

Plug #3 was then set from 185-120mMDRT using 160bbls of 15.9ppg HTB cement slurry. The 30in conductor was cut at 113.0mMDRT (1m below the seabed) and recovered to surface.

The rig was then secured for rig move and 2.15 days were spent waiting on weather before jacking down operations commenced. The rig was released 1nm from location at 15:00hrs 4th December 2008.

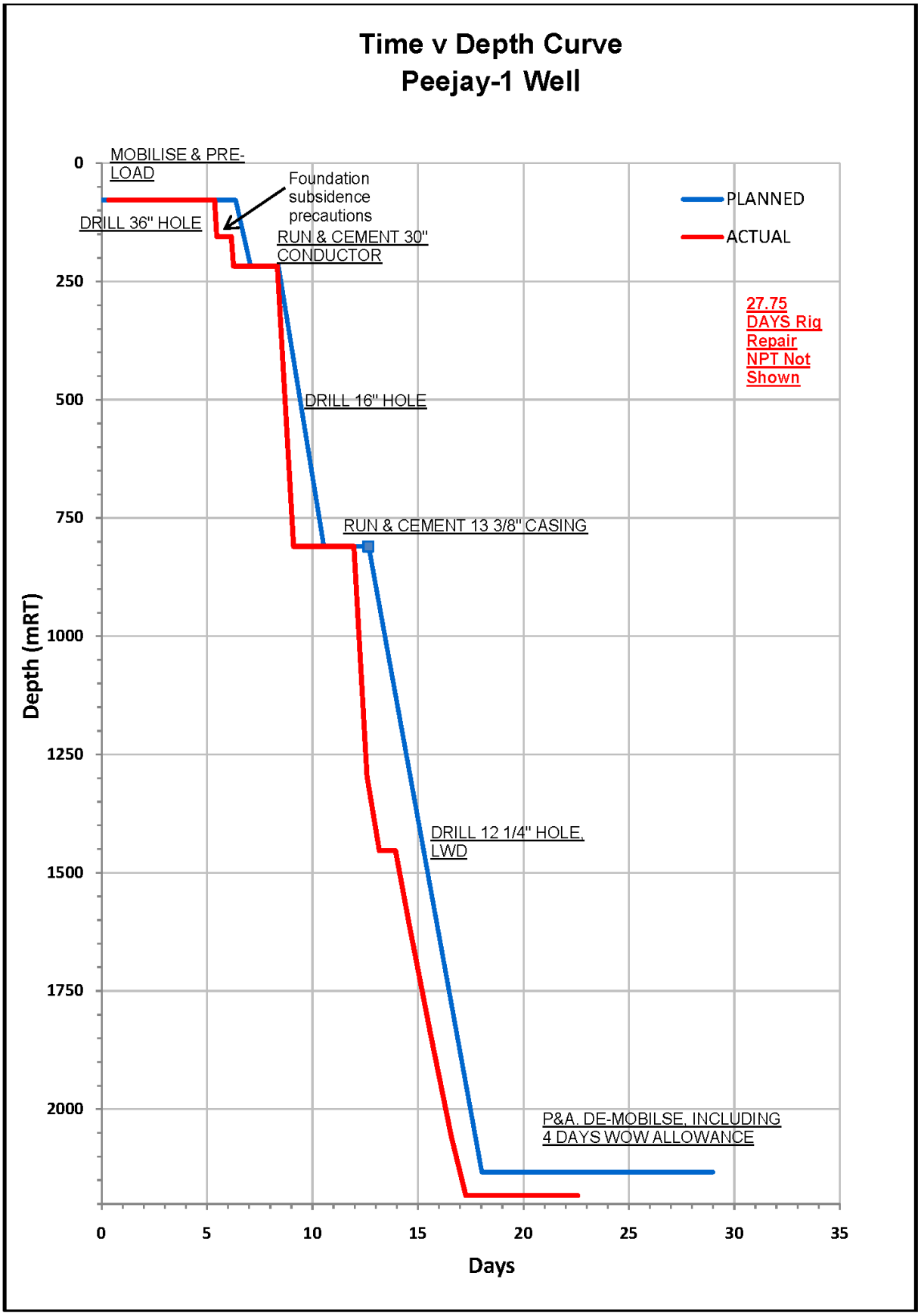


Figure 2: PeeJay-1 Drilling Time/Depth Curve

3 DRILLING AND COMPLETION DATA

The drilling and engineering End of Well Report, prepared by Australian Drilling Associates Pty Ltd (ADA) on behalf of Beach Petroleum Ltd is contained in Appendix 1. Copies of the Daily Drilling Reports are contained in Appendix 2. Documentation of the rig move and the final well location survey prepared by Fugro is contained in Appendix 3. A schematic diagram of the well bore after plug and abandonment is shown in Figure 3.

3.1 Hole Sizes and Depths

Hole sizes and the depths for to which they were drilled in PeeJay-1 were as follows:

914mm / 36”	112.2	to	218.0mMD
406mm / 16”	218.0	to	810.0mMD
311mm / 12 ¼”	810.0	to	2183.0mMD

3.2 Casing Data – PeeJay-1

TYPE	Size	Weight	Grade	Thread	Shoe Depth
Conductor	762mm (30”)	460.9kg/m (309.7ppf)	X-52	D60/MT	206.4mMD
	508mm (20”)	251.5kg/m (169ppf)	X-56	E.R.W	215.8mMD
Surface Casing	340mm (13 ⅜”)	101.2kg/m (68ppf)	NT80	BTC	804.0mMD

A full casing report for PeeJay-1 is contained in Appendix 1, Attachment 4.

3.3 Cementing Data

Cementing operations on PeeJay-1 are detailed in the cementing report contained in Appendix 1, Attachment 5.

OPERATOR: **BEACH PETROLEUM**		FIELD / WELL: **PEEJAY-1**	WELL SKETCH: **AS ABANDONED**
DRILLING RIG: (RT 112.15m ABOVE ML) **WEST TRITON (JACK UP)**	COMPLETION RIG: n/a **WEST TRITON** (JACK UP)	PERMIT: T/39P	API NUMBER:

DIRECTIONAL DATA

KOP:	NA	deg @	NA	MD
MAX DEV:	NA	deg @	NA	MD
DLEG SEV:	NA	deg @	NA	MD
DEV @ PERFS:	NA	deg @	NA	MD
RET to VERT:	NA	deg @	NA	MD

DRILLING / COMPLETION FLUID

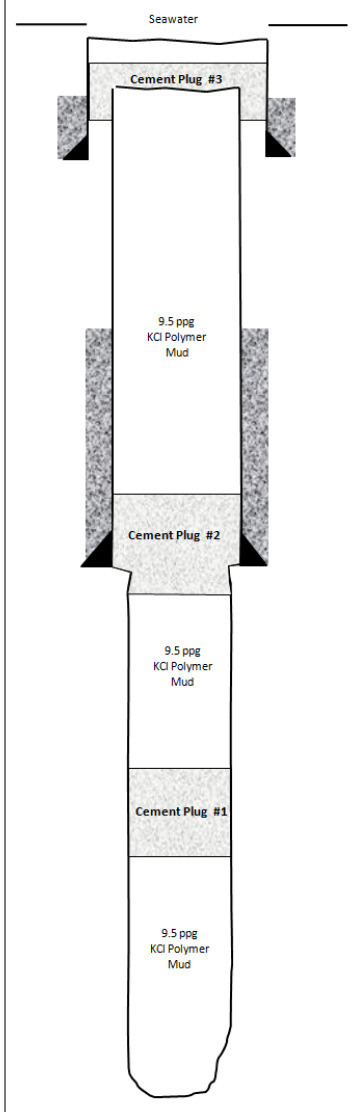
DRILLING FLUID:	8.80 ppg Seawater & Bentonite
DRILLING FLUID:	9.50 ppg KCl Polymer Mud
COMPLETION FLUID:	
COMPLETION FLUID:	
PACKER FLUID:	

TUBULAR DATA

Tubulars	OD	ID	Weight	Grade	Thread	TVD	MD	TOC
CONDUCTOR	30.000	-	310.00	X52	D60/MT	215.8	215.8	175m
SURFACE	13.375	-	68.00	N80	BTC	804.1	804.1	500m
PRODUCTION								
PRODUCTION								
PRODUCTION								
PROD TIEBACK								
PROD TIEBACK								
TUBING								
TUBING								
TUBING								
TUBING								

WELLHEAD DATA

TYPE	SU-10C / MS-10		
WP	10000psi		
TREE	CAP	FLANGE:	
		THREAD:	
TUBING HANGER:			
Upper Plug OD			
Lower Plug OD			
ELEVATIONS:		WTR DEPTH:	78.0
TRT-ASL:	34.2	OTHER:	
RT-ML:	112.2	RT-ML:	112.2



EQUIPMENT DESCRIPTION	ID	OD	DEPTH TVD - BRT	DEPTH MD-BRT
RT			0.0	0.0
SEA LEVEL			34.2	34.2
MUDLINE			112.2	112.2
30in Conductor cut at 113m			113.0	113.0
13.375in Surface casing cut at 155m			155.0	155.0
CEMENT PLUG #3 (65m) 120m TO 185m.				
Estimated TOC @ 175mTVDRT				
30"x20" CONDCUTOR SHOE			216.0	216.0
36" CONDCUTOR HOLE			218.0	218.0
Estimated TOC @ 500mTVDRT			500.0	500.0
CEMENT PLUG #2 (130m) 704m TO 834m. (Tested to 1350 psi)				
13.375" CASING SHOE			804.0	804.0
16" SURFACE HOLE			810.0	810.0
CEMENT PLUG #1 (130m) 1260m TO 1360m (Tagged)				
12.25" TD			2,183.0	2,183.0

COMMENTS:	PLUG BACK DEPTH:		
	TOTAL WELL DEPTH:	2,183	2,183
	PREPARED BY:	**DATE:**	
DRAWING NOT TO SCALE	M. Moussa	29/12/2008	Rev A

Figure 3: PeeJay-1 P&A Diagram

3.4 Surveys

Directional surveying of the well path was conducted by Schlumberger Drilling and Measurements using Measurement While Drilling (MWD) equipment. The final Geodetic Survey is listed on the following page. A full report is contained in Appendix 1, Attachment 7 and also in Appendix 4 of this report.

3.5 Bit Record

The bit and BHA record for PeeJay-1 is included in Appendix 1, Attachment 2.

3.6 Mud Data

Baroid provided the drilling mud for PeeJay-1. A full report of drilling fluids, physical mud properties and chemicals used are provided in Appendix 1, Attachment 3.

3.7 Testing

No wireline or drill stem testing was performed in PeeJay-1.

Peejay-1 Final Geodetic Survey

Report Date:	December 2, 2008	Survey / DLS Computation Method:	Minimum Curvature / Lubinski
Client:	Beach Petroleum	Vertical Section Azimuth:	0.000°
Field:	Wildcat	Vertical Section Origin:	N 0.000 m, E 0.000 m
Structure / Slot:	Peejay / 1	TVD Reference Datum:	RKB
Well:	Peejay-1	TVD Reference Elevation:	34.2 m relative to MSL
Borehole:	Peejay-1	Sea Bed / Ground Level Elevation:	-78.000 m relative to MSL
UWI/API#:		Magnetic Declination:	13.175°
Survey Name / Date:	Peejay-1 Final / November 19, 2008	Total Field Strength:	61172.383 nT
Tort / AHD / DDI / ERD ratio:	9.665° / 18.74 m / 2.774 / 0.009	Magnetic Dip:	-70.867°
Grid Coordinate System:	GDA94/MGA94 Zone 55	Declination Date:	November 19, 2008
Location Lat/Long:	S 40 29 47.908, E 146 21 35.458	Magnetic Declination Model:	BGGM 2007
Location Grid N/E Y/X:	N 5516921.312 m, E 445754.686 m	North Reference:	Grid North
Grid Convergence Angle:	+0.41572614°	Total Corr Mag North -> Grid North:	+12.759°
Grid Scale Factor:	0.99963622	Local Coordinates Referenced To:	Well Head

Comments	Measured Depth (m)	Inclination (deg)	Azimuth (deg)	TVD (m)	Vertical Section (m)	NS (m)	EW (m)	DLS (deg/30m)	Northing (m)	Easting (m)	Latitude	Longitude
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	E 146 21 35.458
See Floor	112.16	0.00	0.00	112.16	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	E 146 21 35.458
	264.95	1.45	150.86	264.93	-1.69	-1.69	0.94	0.28	5516919.62	445755.63	S 40 29 47.963	E 146 21 35.497
	294.47	1.15	140.54	294.45	-2.24	-2.24	1.31	0.39	5516919.07	445756.00	S 40 29 47.981	E 146 21 35.513
	323.97	1.06	150.84	323.94	-2.71	-2.71	1.63	0.22	5516918.60	445756.32	S 40 29 47.996	E 146 21 35.526
	413.38	0.46	197.79	413.34	-3.77	-3.77	1.93	0.27	5516917.54	445756.61	S 40 29 48.031	E 146 21 35.538
	502.18	0.23	197.76	502.14	-4.28	-4.28	1.76	0.08	5516917.03	445756.45	S 40 29 48.047	E 146 21 35.531
	591.80	0.37	226.93	591.76	-4.65	-4.65	1.50	0.07	5516916.66	445756.18	S 40 29 48.059	E 146 21 35.520
	679.52	0.12	321.43	679.48	-4.77	-4.77	1.23	0.14	5516916.54	445755.92	S 40 29 48.063	E 146 21 35.509
	768.28	0.20	271.31	768.24	-4.70	-4.70	1.02	0.05	5516916.62	445755.71	S 40 29 48.060	E 146 21 35.500
	803.99	0.21	236.85	803.95	-4.73	-4.73	0.90	0.10	5516916.58	445755.59	S 40 29 48.061	E 146 21 35.495
	842.85	0.43	127.38	842.81	-4.86	-4.86	0.96	0.42	5516916.45	445755.64	S 40 29 48.066	E 146 21 35.497
	930.97	0.44	102.94	930.93	-5.14	-5.14	1.55	0.06	5516916.18	445756.24	S 40 29 48.075	E 146 21 35.522
	1019.59	0.43	112.01	1019.54	-5.34	-5.34	2.19	0.02	5516915.98	445756.88	S 40 29 48.081	E 146 21 35.549
	1048.56	0.33	126.08	1048.51	-5.43	-5.43	2.36	0.14	5516915.89	445757.04	S 40 29 48.084	E 146 21 35.556
	1108.49	0.33	130.22	1108.44	-5.64	-5.64	2.63	0.01	5516915.67	445757.32	S 40 29 48.091	E 146 21 35.568
	1167.38	0.22	121.96	1167.33	-5.81	-5.81	2.86	0.06	5516915.50	445757.54	S 40 29 48.097	E 146 21 35.577
	1285.81	0.69	61.10	1285.76	-5.59	-5.59	3.67	0.16	5516915.73	445758.36	S 40 29 48.090	E 146 21 35.612
	1345.01	0.68	106.82	1344.95	-5.51	-5.51	4.32	0.27	5516915.80	445759.01	S 40 29 48.088	E 146 21 35.640
	1374.54	0.67	110.27	1374.48	-5.62	-5.62	4.65	0.04	5516915.69	445759.34	S 40 29 48.091	E 146 21 35.654
	1433.56	0.69	132.78	1433.50	-5.99	-5.99	5.24	0.14	5516915.33	445759.92	S 40 29 48.103	E 146 21 35.678
	1492.77	0.32	332.96	1492.71	-6.08	-6.08	5.42	0.50	5516915.23	445760.11	S 40 29 48.106	E 146 21 35.686
	1552.04	0.36	351.94	1551.98	-5.75	-5.75	5.32	0.06	5516915.57	445760.00	S 40 29 48.096	E 146 21 35.682
	1640.51	0.45	30.51	1640.44	-5.17	-5.17	5.46	0.10	5516916.14	445760.14	S 40 29 48.077	E 146 21 35.688
	1729.59	0.54	20.07	1729.52	-4.48	-4.48	5.78	0.04	5516916.83	445760.46	S 40 29 48.054	E 146 21 35.702
	1788.72	0.68	29.31	1788.65	-3.91	-3.91	6.05	0.09	5516917.40	445760.73	S 40 29 48.036	E 146 21 35.713
	1818.45	0.58	32.16	1818.38	-3.63	-3.63	6.21	0.11	5516917.68	445760.90	S 40 29 48.027	E 146 21 35.721
	1906.90	0.62	29.47	1906.82	-2.83	-2.83	6.69	0.02	5516918.48	445761.37	S 40 29 48.001	E 146 21 35.741
	1995.04	0.79	12.68	1994.95	-1.83	-1.83	7.06	0.09	5516919.49	445761.74	S 40 29 47.969	E 146 21 35.757
	2084.02	0.82	7.44	2083.92	-0.60	-0.60	7.27	0.03	5516920.72	445761.96	S 40 29 47.929	E 146 21 35.766
	2142.80	1.09	57.68	2142.70	0.12	0.12	7.80	0.43	5516921.43	445762.48	S 40 29 47.906	E 146 21 35.789
	2172.21	0.98	61.66	2172.10	0.39	0.39	8.26	0.13	5516921.70	445762.94	S 40 29 47.897	E 146 21 35.809
Projected to TD	2183.00	0.98	61.66	2182.89	0.48	0.48	8.42	0.00	5516921.79	445763.10	S 40 29 47.894	E 146 21 35.816

Survey Type: Definitive Survey

Survey Error Model: SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (m)	MD To (m)	EOU Freq	Survey Tool Type	Borehole -> Survey
0.00	112.16	Act-Stns	SLB_MWD-STD-Depth Only	Peejay-1 -> Peejay-1 Final
112.16	2183.00	Act-Stns	SLB_MWD-STD	Peejay-1 -> Peejay-1 Final

Italicized stations are NOT used in position calculations.

PeeJay-1 Final Geodetic Survey Listing

4 FORMATION EVALUATION

4.1 Mudlogging

4.1.1 Mudlogging

Baker Hughes Inteq Mudlogging provided formation evaluation and monitoring of full drilling parameters from spud. Full mudlogging services, including cuttings collection and gas detection were provided from first returns to total depth using a high speed gas chromatograph system. The mudlog, gas log, drill log and pressure logs recording lithology, penetration rate, mud gas, drilling and other data were prepared and are contained in Enclosure 1, 2, 3 and 4 of this report. The Baker Hughes Inteq Final Well Report is contained in Appendix 5.

4.1.2 Ditch Cutting Samples

Cuttings were collected and described from 810m (first returns) to TD at 2183.0m. The sampling intervals are described in Appendix 5, Section 3.2. The numbers of cuttings samples sets are tabulated below:

Sample Type	Box No.	Set	Total Box	Depth (mMDRT)	Interval
Washed and dried Cutting Samples Split into 4 x 200g plastic bags.	1	A, B, C,D	4	810.0 - 950.0	10m
				950.0 - 1045.0	10m (950.0-1000.0) 5m (1000.0-1045.0)
				1045.0 - 1115.0	5m
				1115.0 - 1180.0	5m
	2	A, B, C,D	4	1180.0 - 1245.0	5m
				1245.0 - 1306.0	5m (1245.0-1300.0) 3m (1300.0-1306.0)
				1306.0 - 1339.0	3m
				1339.0 - 1381.0	3m
	3	A, B, C,D	4	1381.0 - 1423.0	3m
				1423.0 - 1471.0	3m
				1471.0 - 1519.0	3m
				1519.0 - 1528.0	3m

The wellsite daily geological reports are provided in Appendix 6 and geologists' cuttings sample descriptions are contained in Appendix 7.

4.1.3 Hydrocarbon Indications

PeeJay-1 was drilled with seawater and high viscosity Bentonite sweeps in the 36" and 16" hole sections with no returns. The 12 ¼" hole was drilled with a KCl / Polymer mud system. Gas was monitored from first returns at 810.0mMD and significant peaks and breakdowns are recorded in Appendix 5, Section 3.1 and on the Mudlog and Gas Ratio Logs (Enclosures 1 and 2).

No significant hydrocarbon shows were encountered during the drilling of PeeJay-1.

4.2 Coring

4.2.1 Coring

No conventional cores were taken in PeeJay-1.

4.2.2 Sidewall Cores

No wireline rotary or percussion cores were taken in PeeJay-1

4.3 MWD/LWD Logging

Real-time and recorded MWD /LWD data acquisition was provided by Schlumberger Drilling and Measurements in the 16" and 12 ¼" hole sections. Run summaries are tabulated below:

Run	Hole Size	MWD/LWD Services	Start Depth (m)	Stop Depth (m)	Distance (m)	Start Date	Stop Date
1	16"	SonicVISION	218.0	810.0	592.0	18/11/08	19/11/08
2	12 ¼"	ArcVISION-SonicVISION-SadnVISION	810.0	1454.0	486.0	21/11/08	23/11/08
3	12 ¼"	GeoVISION-SonicVISION	1454.0	2183.0	730.0	24/11/08	28/11/08

The Schlumberger D&M End of Well Report is contained in Appendix 4 of this report.

4.4 Wireline Logging

No wireline logs were acquired in PeeJay-1.

4.5 Temperature Surveys

No wireline temperature surveys were run in PeeJay-1 however MWD/LWD logs recorded the following maximum temperatures:

Logging Tool String	Max Depth (m)	Max Temp (deg C)	Circulating Hours
SonicVISION	810.0	18	21.25
ArcVISION-SonicVISION-SadnVISION	1454.0	40	27.70
GeoVISION-SonicVISION	2183.0	77	85.40

4.6 Velocity Survey

A borehole seismic survey was not carried out in PeeJay-1.

5 POST WELL ANALYSIS (BASIC DATA)

5.1 Vitrinite Reflectance Analysis

Vitrinite reflectance measurements were carried on four cuttings samples by Keiraville Konsultants Pty. Ltd.. Tabulated results are contained in Appendix 8 of this report.

Appendix 1

Drilling End of Well Report

End of Well Report

PEEJAY-1

1	1	Updated Section 5.2 NPT Analysis	DE	SDE	DES	05.02.2009
1	0	Issued	DE	SDE	DES	28.01.2009
1	A	Issued for comment	DE	SDE	DES	20.01.2009
Issue	**Rev**	**Description**	**Prepared By:**	**Reviewed By:**	**Approved By:**	**Date:**

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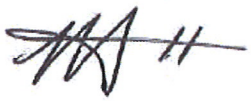
2. Approvals

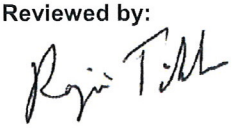
Prepared by:



04.02.2009

ADA Drilling Engineer — Date

Reviewed by:



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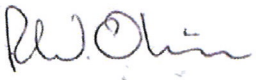
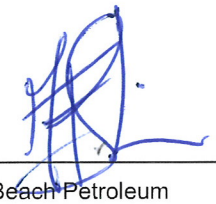


05.02.2009

ADA Drilling Superintendant — Date



12/02/09

Beach Petroleum — Date

Disclaimer

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3. Executive Summary

The Seadrill jack-up "*West Triton"* came on contract to Beach Petroleum at 1600hrs on 13 October 2008 when the rig was 1nm off the Stuart Petroleum operated Bazzard-1 well. The 148nm tow to Peejay-1 was completed without incident in 32 hours, and preloading operations began.

The preloading procedure for Peejay-1 was given closer scrutiny than for previous wells in the "*West Triton"* program because of the soft seabed soils and the high potential for rapid leg penetration. Seadrill decided that each leg would be preloaded incrementally, in turn, with 30%, 50%, 75% and 100% preload, with the hull in the water before doing a final 100% preload on all legs together, with the hull out of the water. With 75% preload on both the bow and port legs and 100% preload on the starboard leg, the starboard leg experienced rapid penetration of approximately 5m. As a consequence, two horizontal braces at the 114m level in the leg, failed. An independent investigation of the failures concluded that the likely primary root cause was overload of the braces due to rapid penetration. However, concern over material selection and welding procedure qualification indicated that these could not be ruled out as contributing factors.

The rig was moved off location to effect leg repairs, which took a total of 27.75 days. The non-productive time associated with the leg failure incident ended when the first leg was preloaded to 100% after the rig returned to Peejay-1 location. Refer to **Attachment 10** Jacking Incident Summary for more information.

**NB: For the purposes of this report the 27.75 days of NPT incurred due to rig repair will not be represented in the time or cost analysis, in order to assess the true operational performance on PeeJay-1.*

PeeJay-1 was spudded at 1830hrs on 15 November 2008, in 78m of water with the rotary table being elevated 34.15m above MSL. The total well time was 24.21 days (excluding leg repair time), which compares favourably with the total AFE time for the well of 29 days. There was a 4 day WOW contingency in the AFE whereas actual WOW time was 2.15 days. At the time of writing this end of well report the estimated final cost for PeeJay-1 well was A$23.9m (excluding approximately A$6.8m cost incurred due to rig repair) compared to the AFE cost of A$29.5m.

Given the leg failure that occurred at Peejay-1 and the widespread soft seabed soils that exist in the Bass basin, the attendant risks associated with jack-up operations in these conditions should be factored into rig selection for future wells in the area. In addition to the risk of rapid leg penetration while preloading, and the possibility of leg failure, the time required to achieve a successful preload is such that there is significant risk of experiencing long WOW delays during the rig mobilisation phase. Before attempting any future jack-up operations in Bass basin there should be a study conducted of past operations to determine the optimum procedure for successful preloading.

From an HSE perspective, PeeJay-1 was drilled very successfully with only one first aid case recorded and no damage to the environment.

The main highlights on PeeJay-1 well were as follows:

- No LTIs or damage to the environment, as measured by well objectives.
- The well was drilled under time and under budget.
- Total NPT was only 2.94 days (12%) of which 2.15 days (8.9%) was Waiting on Weather, leaving only 0.79 days (3.3%) of true operational down time. This is the best performance on the "*West Triton"* campaign thus far.
- The 16in hole section was drilled to a reduced TD of 810mMDRT compared to the original design of 1000mMDRT resulting in savings of 2hrs of rig time and A$50k in 13.375in casing cost savings.
- There was no wireline logging in the well due to the successful capture of all formation evaluation data by LWD tools
- Weather delays were lower than the WOW contingency included in the AFE
- Successfully negotiated with all vendors to waive equipment rental charges during the rig repair period.

The main lowlights on the PeeJay-1 well were as follows:

- Failure of two horizontal braces at the 114m level in the starboard leg while preloading after moving onto location, resulted in a total of 27.75 days lost time. Costs to the Beach JV associated with leg repairs amounted to approximately A$6.8million.
- The wiper dart for launching the 13.375in cement plug hung up on a square shoulder in a crossover that was used between the cement head and the wellhead running tool. This resulted in the failure to release cement plug. Fortunately there was no impact on the cement job results.
- Schlumberger were unable to load radioactive sources into the primary ADN tool for the 12.25in hole section, due to problems with the locating thread for the source loading tool. The backup tool was run instead.
- Pyrite stringers in the upper Eastern View Coal Measures totally destroyed the 12.25in PDC bit and concerns about further stringers prevented any more PDC bits from being run. As a consequence, drilling time in the 12.25in hole section exceed the plan by 38 hours.

4. Well Summary & Overview

4.1 Well Summary

Well Name	PeeJay-1
Country	Australia
Designation	Exploration
Field Name	PeeJay
License/Permit	T/39P
Rig Name/Type	West Triton / Jack-up
Well Operator	Beach Petroleum Limited
Permit Operator	Benaris Petroleum NV
Participants	Benaris Petroleum NV, Beach Petroleum LTD
Rig On Contract	**13th October, 2008, @ 16:00 hrs**
Rig pinned on Location	14th October, 2008 @ 24:00 hrs
Rig departed location for repairs	21st October, 2008 @ 16:30 hrs
Rig returned to location (pinned)	12th November, 2008 @ 01:20 hrs
Spud Date	15th November, 2008 @ 18:30 hrs
Reached TD	27th November, 2008 @ 16:30 hrs
Rig Off Location	**4th December, 2008, @ 15:00 hrs**
Total Days on Contract	51.96 days
Total Days on Well (excluding 27.75 days rig leg repair)	**24.21 days**
Total Days AFE	29.00 days
Total Depth	2183.0mMDRT
Well Type	Vertical
Water Depth	78m (MSL)
Rig Heading	136.42˚ True
RT above MSL	34.15m
Spheroid and Datum	GRS80, GDA94
Surface UTM	Zone 55
Surface Latitude	40˚ 29’ 47.9079” S
Surface Longitude	146˚ 21’ 35.4578” E
Surface Easting	445 754.686 m
Surface Northing	5 516 921.312 m
Bottom Hole Location: Latitude	40˚ 29’ 47.894” S
Bottom Hole Location: Longitude	146˚ 21’ 35.816” E
Bottom Hole Location: Easting	445 763.1 m
Bottom Hole Location: Northing	5 516 921.79 m
36in Hole / 30in x 20in Conductor	218mMDRT / 216mMDRT
16in Hole / 13.375in Surface Casing	810mMDRT / 804mMDRT
12.25in Open Hole	2183.0mMDRT

4.2 Casing and Cementing Data

4.2.1 Casing Data

Type	**Size** (inches)	**Weight** (ppf)	**Grade**	**Thread**	**Depth** (mTVDRT)
Conductor (30in x 20in tapered shoe joint)	30	309.7 (1" wall)	X-52	D60/MT	206.4
	20	169 (0.625" wall)	X-56	E.R.W	215.8
Surface Casing	13.375	68	N-80	BTC	804

4.2.2 Cementing Data

String Cemented	**Cement Type**	**Dry Cmt Vol** (sks)	**Cement Additives**	**Mix Water** (gal/sk)	**Slurry Vol** (bbls)	**Slurry Density** (ppg)	**Cement to / from** (mMDRT)	**Csg Test Pressure** (psi)
30in X 20in	Class G	401	n/a	5.12	83	15.9	175 – 206.4 (estimated)	n/a
13.375in	Class G	680	n/a	5.11	142	15.8	500 – 804	2500
Plug #1	Class G	408	SCR-100L: 2.5 gal/ 10 bblMF NF-6: As required	5.16	84	15.8	1260–1360	n/a
Plug #2	Class G	339	NF-6 As required	5.11	70	15.8	704 – 834	1350
Plug #3	HTB	34MT	NF-6 As required	4.70	160	15.9	120-185	n/a

4.3 Operations Summary

4.3.1 Rig Mobilisation and Rig Up

The West Triton came on contract to Beach Petroleum for the tow to PeeJay-1 at 16:00hrs on the 13 October 2008 when the rig was 1nm from Stuart Petroleum's Bazzard-1 location. Tow distance of approximately 148nm was covered at an average speed of 4.7kts. The rig was soft pinned at PeeJay-1 location at 24:00hrs on 14 October 2008 and was jacked up to 2m draft, with spudcan penetration of 7m on each leg, before commencing preloading operations.

The preloading operations were conducted as follows:

- Preloaded bow leg to 30% and held for 1.5hrs
- Preloaded starboard leg to 30% and held for 1hr
- Commenced preloading port leg to 30% and experienced rapid penetration on both starboard and port legs
    - Levelled rig and held 30% preload on all legs simultaneously for 1 hour, with the following leg readings: Bow =114.2m
    - Stb = 113.7m
    - Port = 114.3m
- Preloaded bow leg to 50% and held with no settlement for 1 hour
- Preloaded starboard leg to 50% and held for 1 hour with no settlement
    - Preloaded port leg to 50% and witnessed a series of gradual and rapid penetrations on all legs over a period of six hours before holding 50% on all legs simultaneously with the following leg readings: Bow =125.7m
    - Stb = 119.9m
    - Port = 121.2m
- Preloaded starboard leg to 75% and held for 1 hour before experiencing rapid penetration on port leg, but no movement on starboard leg. Port leg reading after levelling the rig was 126.2m
- Sequentially preloaded port and bow legs to 75% and held for 1 hour with no movement on any leg, leaving an approximate 4.5m difference in penetration between the starboard leg and the other two legs, in spite of attempts to induce further penetration on the starboard leg by repeated reciprocation of the leg.
- Preloaded starboard leg to 100% and experienced rapid penetration on starboard leg with the hull draft going from 2m to 5m, resulting in failure of two horizontal braces at the 114m mark on the starboard leg. This incident occurred at 05:00hrs on 16 October 2008.

Following the preloading incident, jacking pinion loads were equalized by dumping preload and the rig was leveled at 5m draft and then raised to 3m draft. Leg readings and penetrations at this point were:

- Stbd =126.3m 27.25m
- Bow = 126.4m 27.35m
- Port = 126.6m 27.55m

Seadrill's Singapore office then directed that all preload be dumped and that the rig remain at 3m draft while waiting on a damage assessment team to arrive from Singapore. This team arrived on board the rig at 1630hrs on 20 October 2008 and made an initial inspection of the failed braces before advising that the rig would be moved off location to effect repairs.

Jacking operations to move the rig began at 1930hrs on 20 October 2008, at which time both supply vessels were transferred to Seadrill's account. While the legs were jetted and jacked free of the seabed, inspections were carried out on a number of welds in the starboard leg at levels adjacent to the failed braces. The only other damage discovered was bending in a number of span breakers in the port (5) and bow (2) legs in the levels near the spudcans.

The rig departed Peejay-1 location at 1630hrs on 21 October 2008 and was towed back to Stuart Petroleum's Bazzard-1 location where the repairs were completed successfully and incident free. Bazzard-1 location was selected because its similar water depth to Peejay-1 allowed the failed braces to be positioned between the top of the jack house and the upper leg guide at a workable rig air gap. If the rig had gone to harbour, it would have required the repair work to be conducted approximately 100m above ground level.

After the rig was set up at Bazzard-1, the supply vessels were returned to Beach's account; Pacific Valkyrie at 0645hrs 23 October 2008 and Pacific Battler at 1900hrs 23 October 2008, on completion of preloading.

For the tow back to Peejay-1, on conclusion of the leg repairs, both boats were put on Seadrill's account at 0800hrs 8 November 2008 and remained there until the rig was accepted back on Beach's account at 2300hrs 12 November 2008. This occurred when the first leg (port) was preloaded to 100%.

Investigation of the leg brace failures is the subject of a separate report commissioned by Seadrill. This report concluded that the likely primary root cause of the failures was overload of the braces due to rapid penetration. However, concern over material selection and welding procedure qualification indicated that these could not be ruled out as contributing factors.

The rig arrived back at PeeJay-1 location, after the repairs, at 0120hrs 12 November 2008 and was pinned back in the original spudcan holes. Each leg was worked up and down to achieve the following penetrations, with the rig at 1m draft, before any preload was taken on:

- Bow = 27.0m
- Starboard = 26.15m
- Port = 26.9m

Preloading operations were as follows:

- The port leg was preloaded individually to 100% at 2m draft and held for 1 hour
- Some preload was dumped and the rig was jacked up to 2m air gap where the port leg was again individually preloaded to 100%, and held for 2 hours. Preload was then dumped and the rig was jacked back into the water to 2m draft.
- Individual preloading to 100%, in and out of the water, was repeated for the bow and starboard legs.
- The rig was then jacked up to 3.5m air gap and all three legs were preloaded to 100% together
- Preload was held for 12 hours
- Mud pits and all of the preload tanks were then dumped
- Final spudcan penetrations were:
  - Bow = 27.94m
  - Stbd = 27.64m
  - Port = 28.44m

Total time associated with mobilising the rig to Peejay-1 and rigging up was 32.63 days, of which 27.75 days was NPT associated with the leg failure and subsequent repairs. Total productive time was 4.88 days.

4.3.2 Drilling 36in Hole section / Setting 30/20in Conductor

The PeeJay-1 well design incorporated a mud line suspension (MLS) system in order to allow the well to be suspended and re-entered in the event of success. The well was spudded at 1830hrs on the 15 November 2008 with a 26in Reed Y11C rock bit and a 36in hole opener. The section was drilled initially at a reduced air gap of 3.5m, from seabed at 104mMDRT to 155mMDRT in 2.5hrs. This was done as a precaution because of concern raised by Seadrill's warranty surveyor

that drilling 36in hole may destabilise the formation under the aft spudcans and cause the rig to topple. This was considered to be a very unlikely outcome, but the precaution was taken anyway. A survey was taken at this depth and the Anderdrift tool recorded an inclination of 1.0°.

The BHA was then POOH and racked back, and the cantilever was skidded in, pinned and secured before the rig was jacked up to an operating air gap of 11.3m. Drilling resumed after the texas deck was deployed and the cantilever was skidded aft to the drilling position again. There were no problems re-entering the hole and getting back to bottom, and 36in hole was then drilled from 162mMDRT (note: depth difference due to change in air gap) to section TD at 218mMDRT in a further 2.5hrs. At TD the hole was swept with 200bbls of hi-vis mud and displaced to pre-hydrated gel prior to POOH and racking back the BHA.

The conductor tensioner unit (CTU) was installed on the texas deck while rigging up to run conductor. The 30in string was run to 167m and then had to be worked to setting depth of 216mMDRT due to tight hole. The conductor was cemented through drill pipe stabbed into the float shoe. The cement unit pumped 90bbls of seawater spacer but no returns were observed at the seabed by ROV and 2 hours were lost while unsuccessfully attempting to establish returns by reciprocating the conductor with the CTU, over a 9in stroke. The conductor was then cemented with 83bbls of 15.9ppg Class G cement slurry, with expected top of cement at 175mMDRT.

4.3.3 Drilling 16in Hole Section / Setting 13.375in Casing / Rig-up BOP

1.5 hours NPT was incurred while making up the 16in BHA, due to poor job preparation by Schlumberger MWD (lack of lifting subs). TOC was tagged at 214m inside the conductor and 16in hole was drilled from 218m to 810m in 21 hours with a Hughes GXC-1V bit. Average ROP was 51m/hr for on-bottom time and overall average including connections was 28.2m/hr. The BHA included MWD Directional-GR-Sonic which successfully captured all data, hence there was no requirement to run wireline logs.

While rigging up to run 13.375in casing, the final cut was made on the 30in conductor to be compatible with the mud line hanger depth. The 13.375in casing was run to a shoe depth of 804mMDRT and was cemented with 142bbls of 15.8ppg class G cement. The plan was to place top of cement behind the 13.375in casing at +/-500mMDRT to prevent cement interfering with the MLS system. The SSR wiper plug failed to bump and upon retrieval of the casing landing assembly, it was found still attached to the launch sub. Upon investigation, the wiper dart was found lodged on a square shoulder in a crossover that was installed between the cement head and the wellhead running tool. Fortunately this did not affect operations as the final displacement pressure indicated top of cement was at the planned 500mMDRT and the casing was subsequently successfully pressure tested to 2500psi against the blind-shear rams.

4.3.4 Drilling 12.25in Hole Section

A 12.25in Reed Hycalog RSX616M-A16 PDC bit was made up to a BHA comprising resistivity, sonic and density-neutron LWD sensors. A total of 4.5 hours was lost attempting to load the radioactive source into the ADN tool, due to failure to locate the source handling tool properly in the collar. The faulty ADN tool was broken out and replaced with a back up tool. The BHA was RIH and cement was tagged at 781mMDRT. The wellbore was then circulated to 8.8ppg KCl/Polymer mud while drilling the shoetrack and new hole to 813m where a Leak Off Test was conducted to 15.55ppg EMW. 12.25in hole was then drilled to 1453m (640m) in 27 hours at an overall average ROP of 23.7m/hr. ROP slowed dramatically at this depth and only 1m was drilled in the next 2 hours, before making a round trip to replace the bit. All of the cutting structure and blades of the bit were worn down to the body, due to drilling through pyrite stringers, and damage was also observed on the threaded connections of some of the LWD tools.

It was decided not to run another PDC bit due to the possibility of encountering more pyrite stringers and damaging the bit prematurely. The new bit was a 12.25in Hughes MXL-C30HDX TCI tri-cone which was run on a BHA comprising similar LWD components as the previous run. This bit drilled to well TD at 2183mMDRT (729m) in 78.5hrs, essentially trouble-free.

There were no problems POOH, but the decision was taken to cancel the wireline logging program because sufficient information was available from the real time and recorded LWD data.

4.3.5 Abandonment Operations

A mule shoe was made up to 5.5in drill-pipe and RIH to 1449mMDRT to set an open hole cement plug across the top of the Upper Eastern View Coal Measures formation. When breaking circulation, the hole packed off and 2.5 hours were lost while trying to establish circulation. During this period, a total of 194 bbls of mud was lost downhole and a large quantity of cavings was circulated out and the hole.

After cleaning up the hole, a 50bbl hi-vis pill was spotted from 1460m to 1360m and abandonment Plug #1 was set from 1360-1230mMDRT using 84bbls of 15.8ppg class G cement. Excess drill-pipe was POOH and laid down while waiting on cement, before tagging TOC at 1260mMDRT.

A 50bbl hi-vis pill was spotted from 934m to 834m before abandonment Plug #2 was set across the 13.375in shoe from 834-704mMDRT (70bbls of 15.8ppg class G cement). Drill pipe was laid down while POOH and Plug #2 was pressure tested to 1350 psi. The diverter and BOPs were then nippled down and the 13.375in casing was successfully cut at 155mMDRT and recovered to surface along with the Dril-Quip 18.75in wellhead.

The mule shoe was then RIH on drill pipe to set the surface cement plug (Plug #3). There was no resistance passing the 13.375in casing stump at 155m but the string held up at 207m (depth of 30in x 20in swage) indicating the string was on the outside of the 13.375in stub. All attempts to enter the casing failed, including putting a centraliser on the drill pipe, and 4.5 hours NPT was experienced before cementing.

Plug#3 was set from 185-120mMDRT using 160bbls of 15.9ppg HTB cement slurry. The 30in conductor was then cut at 113.0mMDRT (1m below the seabed) and six (6) full joints and one (1) cut-off joint were recovered to surface. The cut at the mudline was a learning from previous wells where cuts deeper below the mudline often resulted in difficulties recovering casing to surface. The rig was then secured for rig move and 2.15 days were spent waiting on weather before jacking operations commenced. Only 4.5 hours of jetting was required to free the legs from the seabed. The rig was released 1nm from location at 1500hrs 4 December 2008.

4.4 Health, Safety and Environment (HSE)

4.4.1 HSE Summary

Parameter	Units (if applicable)	Peejay - 1 (14th Oct 08 - 4th Dec 08)	Comment(s)
Manhours	number	83028	Drilling suspension period (16th Oct 08 - 11th Nov 08): 15012
STOP Cards Generated	number	639	
Total MODU Proactive Safety Efforts	number	1230	Including Issued / Active Work Permits, JSA, Work Instructions, Pre Job safety Mtgs, TOFS, Area Authority Audits & STOP
Audit			
Regulatory Audit	number	0	
Internal EP Compliance Audit	number	0	Scheduled for Fermat-1 drilling campaign
MODU Mini HSE Audits	number	4	4 mini audit held and covered the elements on Permit To Work, Emergency Equipment, Radiation & Explosives, Environmental Protecion & Bulk Hoses, Leadership & Accountability and Toolbox Talks & Time Out for Safety.
Training			
ADA ERG Exercise	number	0	Emergency Response desktop Exercise Seagull for Beach Petroleum planned to be held on 17th Dec 08
Environmental Plan Training	number	0	
MODU Emergency Drill	number	3	Fire / Abandon / Muster (Weekly) Drills and MOB Drill held.
Reportable Incident (NOPSA)			
Lost Time Injury (LTI)	number	0	
Alternate Duties Injury (ADI)	number	0	
Medical Treatment Injury (MTI)	number	0	
Non Reportable Incident (NOPSA)			
First Aid Case	number	3	16th Oct 08 - Man experienced pain in back when he twisted while cleaning. The IP was examined, given ice pack treatment and analgesic medication by medic. IP to complete a manual handling course. (Done) 25th Oct 08 - Roustabout got out of bed to start his shift and had pain in his lower back. He reported to the medic for treatment. The IP was on the helicopter landing net earlier. IP to complete a manual handling course. (Done) 03 Dec 08 - At approximately 0735, the welder was cutting plate with a 7" cutting tool, during this operation wind turbulence caused some foreign bodies to get caught in the eyes. The IP immediately went to the medic. During the task the IP was wearing safety glasses and visor. Goggle has been made to be worn for such future activities. (Done)
Near Miss	number	0	
Property Damage / Environment	number	1	16 Oct 08 - Starboard rig leg suffered damage to bracing when rapid penetration occurred during pre-loading. Repair has been completed on 11th Nov 08.
Recordable incidents (DPI)			
Spills - occurrence	number	0	
Spills - quantity	litre	0	
Wastes			
Hazardous wastes	m^3	1	All wastes are properly packed, stored and sent onshore to GML and disposed accordingly through Corio Waste Management (CWM), an EPA - approved permit holder to transport various wastes including waste from offshore. 1) Chemsal - Collection of Prescribed Industrial Wastes (PIW) from CWM. PIW streams either treated or recycled on site or disposed to Lyndhurst landfill. 2) Combined Waste Services Collection and transportation of Prescribed Industrial Wastes – waste oil from CWM/Toll Energy upon advice by CWM.
Non-hazardous wastes	m^3	78.8	
Marine User Interaction			
Cetacean sightings	number	0	
Errant vessel interaction	number	0	
Impacts from Fishing Operations (interaction)	number	0	
Water Based Muds (WBM)			
Volume water based drilling fluid dispose into the ocean (m^3)	m^3	3892.1	Reference made to the Well Environment report
Volume of drill cuttings using WBM disposed to the seabed (m^3)	m^3	250.1	Reference made to the Well Environment report
Oil / Chemical Spills discharged to the marine environment	bbl	0	
Problems with sewage plant resulted in discharge of untreated sewage to the marine environment	number	0	

4.5 Well Highlights

The main highlights on PeeJay-1, based on excluding the 27.75 days associated with the leg brace failures and repairs, were as follows:

- No LTIs sustained on the well.
- There was no damage to the environment.
- Total NPT was only 2.94 days (12%) of which 2.15 days (8.9%) was Waiting on Weather, leaving only 0.79 days (3.3%) of true operational down time. This is the best performance on the West Triton campaign thus far.
- The well was drilled under time and under budget.
- The wellhead and cementing assembly was made-up offline resulting in about 4hrs time savings of critical path time.
- The 16in hole section was drilled to a reduced TD of 810mMDRT compared to the original design of 1000mMDRT resulting in savings of 2hrs of rig time and A$50k in 13.375in casing cost savings.
- 16in hole evaluation data was obtained via MWD/LWD tools which eliminated the requirement to run wireline logs.
- The successful capture of recorded data on LWD tools in the 12.25in hole section meant that critical path wireline logs did not have to be run.
- Weather delays were lower than the WOW contingency included in the AFE

4.6 Well Lowlights

The main lowlights on the PeeJay-1 well were as follows:

- Failure of two horizontal braces at the 114m level in the starboard leg while preloading after moving onto location, resulted in a total of 27.75 days lost time. Costs to the Beach JV associated with leg repairs amounted to approximately A$6.8million.
- Tight hole in the bottom 50m of the 36in hole, which packed off around the 30in conductor, caused the cement job to be radically modified and there was no cement above 175m. No returns were observed at the seabed during the cement job.
- The wiper dart for launching the 13.375in cement plug hung up on a square shoulder in a crossover that was used between the cement head and the wellhead running tool. This resulted in the failure to release cement plug. Fortunately there was no impact on the cement job results.
- Schlumberger were unable to load radioactive sources into the primary ADN tool for the 12.25in hole section, due to problems with the locating thread for the source loading tool. The backup tool was run instead.
- Pyrite stringers in the upper Eastern View Coal Measures totally destroyed the 12.25in PDC bit and concerns about further stringers prevented any more PDC bits from being run. As a consequence, drilling time in the 12.25in hole section exceed the plan by 38 hours.

5. Time Analysis

5.1 Breakdown by Well Phase

Table 1 summarizes the planned versus actual time breakdown, by operational phase, for the well. Figure 1 presents the same data in graphical format. The following comments refer to the phases where the actual time significantly exceeded the planned (AFE) time:

- Drilling 36in hole

  Although no NPT was incurred during this phase of operation, the total time spent was 19.0hrs more than planned. This was due primarily to initially drilling with a reduced air gap of 3.5m, as a precaution against the rig toppling in the very unlikely event that drilling of the 36in hole destabilised the formation under the aft spudcans. The hole was drilled to 155mMDRT, about 20m below the spudcan penetration depth, before the BHA was POOH and the rig was jacked up to an operational air-gap of 11.3m. Drilling then resumed to the section TD of 218mMDRT. A total of 13hrs of additional time was spent on this operation.

  The reason for not drilling to section TD before jacking up to the planned operational height was due to the concern of leaving the 36in hole open for an extensive period of time before casing could be run, especially when considering the instability of the seabed at the PeeJay-1 location.

- Setting 30in Conductor

  An additional 5.3hrs was spent setting the 30in conductor than was planned. Running time for the casing was slowed due to having to work through tight hole from 167mMDRT onwards. No returns were observed at the seabed when a 90bbl seawater spacer was pumped prior to cementing. 2 hours were lost while unsuccessfully attempting to establish returns by reciprocating the conductor with the CTU, over a 9in stroke. Another 1.5hrs of down time was incurred due to critical path time spent installing the test joint in the BOP for offline testing, because the correct test tool for the job was not available.

- Drilling 12.25in hole

  The additional 38.7hrs spent on the 12.25in hole phase was a function of slower than expected ROP in the section due to the occurrence of hard sandstone/pyrite/dolomitic stringers. Two bit runs were required to drill the section versus the plan for a single bit run, and the second bit was a TCI roller cone bit because of concern that a PDC bit would also be wiped out. Igneous dolerite encountered in the final stages of drilling also contributed to lower than expected penetration rates. Also during this phase 4.5 hours of NPT was incurred due to the replacement of a faulty Schlumberger ADN tool.

  Learnings should be carried forward for future wells to be drilled in the proximity to review the bit selection for the first phase of the 12.25in hole due to the excessive wear of the bit chosen when it ran into harder formations.

- Rig Down and Move Out

  Productive time for this phase was 0.98 days which compares favourably with the planned time of 1.4 days. The total time to rig down and move out of 3.13 days included 2.15 days WOW. It is likely that the legs were recovered with only 4.5 hours of jetting because the rig was put back in the original spudcan holes when it returned to location after the leg repairs.

  Total AFE time for PeeJay-1 of 29 days included 4 days WOW contingency. The actual well time of 24.21 days, which includes 2.15 days WOW therefore compares favourably to the AFE time without WOW contingency, of 25 days.

Operation Phase	Time (days)					
	Planned	Actual	Programmed *(27.75 days rig repair not included)*	Unprogrammed	NPT Programmed *(27.75 days rig repair not included)*	NPT Unprogrammed
Rig move/Rig up	6.35	4.88	4.88	0.00	0.00	0.00
Drill 36" conductor hole	0.71	1.50	1.50	0.00	0.00	0.00
Set 30" conductor	1.32	1.54	1.54	0.00	0.15	0.00
Drill 16" hole	2.16	1.48	1.48	0.00	0.06	0.00
Set 13.375" casing	1.13	0.98	0.98	0.00	0.04	0.00
Run BOPs	1.00	0.54	0.54	0.00	0.00	0.00
Drill 12.25" hole	5.37	6.98	6.98	0.00	0.23	0.00
Log 12.25" hole	1.48	0.00	0.00	0.00	0.00	0.00
P&A	4.08	3.19	3.19	0.00	0.31	0.00
Rig down & move out	1.40	3.13	3.13	0.00	2.15	0.00
WOW Contingency	4.00	0.00	0.00	0.00	0.00	0.00
TOTALS	**29.00**	**24.21**	**24.21**	**0.00**	**2.94**	**0.00**

Table 1

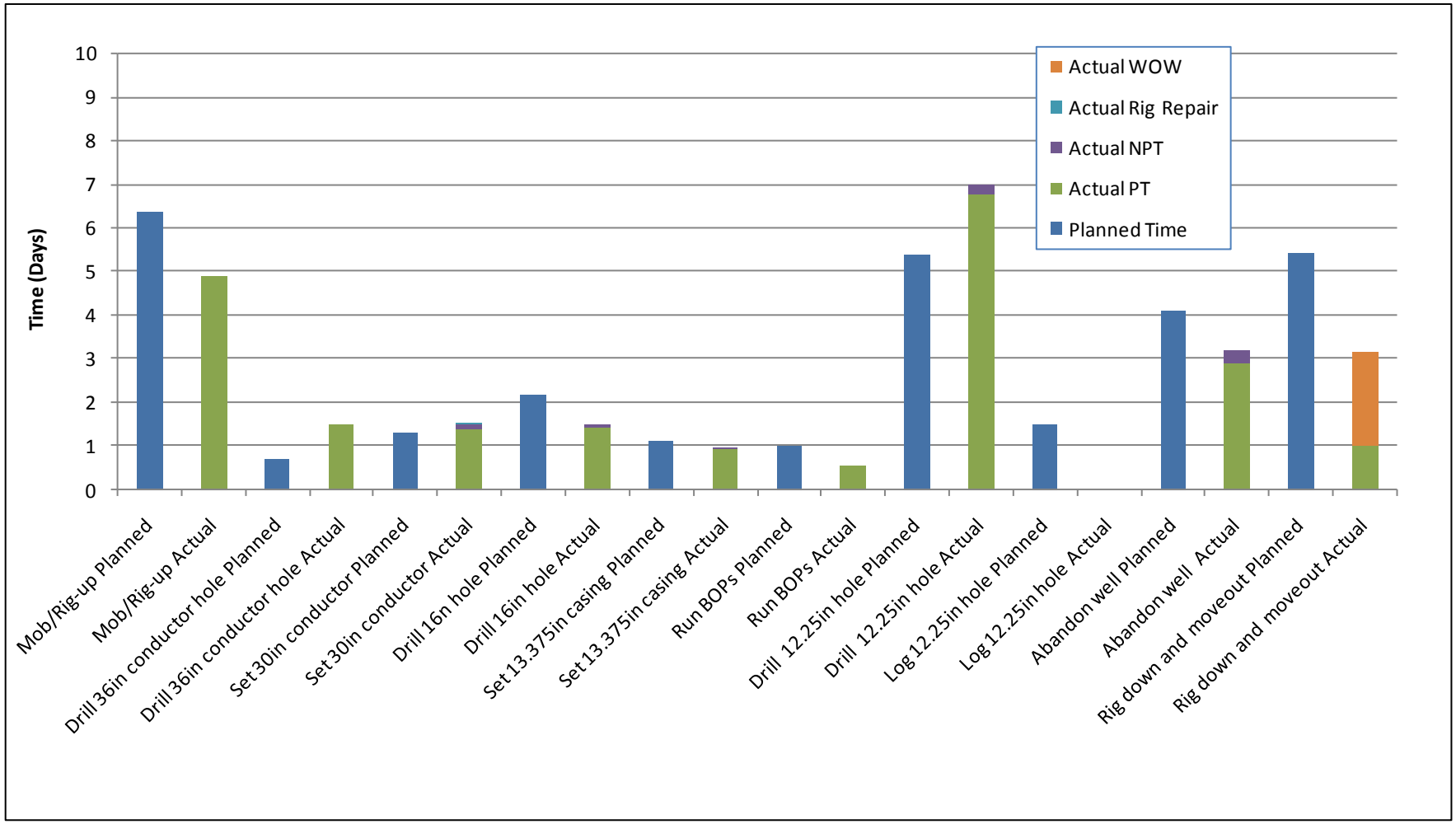

Time (Days)
10
9
8
7
6
5
4
3
2
1
0
Actual WOW
Actual Rig Repair
Actual NPT
Actual PT
Planned Time
Mob/Rig-up Planned
Mob/Rig-up Actual
Drill 36in conductor hole Planned
Drill 36in conductor hole Actual
Set 30in conductor Planned
Set 30in conductor Actual
Drill 16n hole Planned
Drill 16in hole Actual
Set 13.375in casing Planned
Set 13.375in casing Actual
Run BOPs Planned
Run BOPs Actual
Drill 12.25in hole Planned
Drill 12.25in hole Actual
Log 12.25in hole Planned
Log 12.25in hole Actual
Abandon well Planned
Abandon well Actual
Rig down and moveout Planned
Rig down and moveout Actual

Figure 1

5.2 Non Productive Time Analysis

The total NPT incurred on the well was 2.94 days (excluding the time taken for leg repair, 27.75 days). Table 2 provides a breakdown of this non-productive time, which comprises 2.15 days due to waiting on weather and the remaining 0.79 days (19 hrs) operational downtime.

The following points describe the significant operational NPT events on the PeeJay-1 well:

- 30in Conductor (3.5hrs NPT)

  A 90bbl seawater spacer was pumped prior to cementing. No returns were observed at the seabed by the ROV. An attempt was made to establish returns by un-stinging the cementing string from the float shoe and stroking the CTU up and down 9inches, resulting in 2hrs NPT. This was likely due to the hole packing off at 167mMDRT where the conductor had to be worked through while running.

  Another 1.5hrs of down time was incurred due to critical path time spent installing the test joint in the BOP, for offline testing, because the correct test tool for the job was not available. It was collapsed on a previous well by external pressure, hence a joint of drill pipe and crossover was used on this well. Time was required to make up the joint of pipe and the crossover.

- Drill 16in Hole (1.5hrs NPT)

  Prior to making up the 16in BHA, 1.5hrs was incurred as NPT while waiting on Schlumberger to find and install their lifting subs for the MWD equipment.

- Run and cement 13.375in casing (1hr NPT)

  One (1) hr was lost investigating and repairing problems with the hydraulic system of the flush mounted spider for running the casing.

  The 13.375in SSR wiper plug failed to bump and upon retrieval of the casing landing assembly, it was found still attached to the launch sub. Upon investigation, the wiper dart was found lodged on a square shoulder in a crossover that was installed between the cement head and the wellhead running tool. No NPT was incurred in this. Learnings going forward for all future wells would be to remove all square shouldered subs from service and ensuring that prior to use a visual inspection is performed of the internal shoulder to confirm that it is bevelled.

- Drilling 12.25in Hole (5,5hrs NPT)

  Whilst making up the 12.25in BHA 4.5hrs were lost attempting to load the radioactive source into the ADN tool, due to failure to locate the source handling tool properly in the drill collar. The faulty ADN tool was broken out and replaced with the back up tool. Serviceability of equipment is critical to a successful operation. Learnings should be carried forward to ensure all tools are inspected and certified operational prior to dispatch. More emphasis should be placed on Schlumberger servicing procedures to ensure it is relevant for the particular tool requested by the client.

  There were several problems with blinding of the shaker screens by sand resulting in mud losses with 50 mesh screens fitted. Blinding of the shaker screens was also found to be caused by Barablock. Barablock had been included in the mud as a preventive measure for stabilising any coal beds that might be encountered. In future wells it should be planned as a remedial measure, rather than preventive. These problems accounted for a total of 1hr of NPT during the drilling of the 12.25in hole.

- Abandonment (7.5hrs NPT)

  During abandonment of the well a cement stinger was RIH to 1449mMDRT in order to set an open hole cement plug across the top of the Upper Eastern View Coal Measures. A total of 2.5hrs were lost when the hole packed off while attempting to break circulation, due to a large volume of cavings from the Demons Bluff formation. A total of 194bbls of mud was lost down hole due to this problem. A close watch on the trip sheet and bringing pumps up gradually would avoid hole pack-off and consequent losses.

  Another 0.5hrs were spent spacing out the mule shoe to spot the abandonment plug following the events described above.

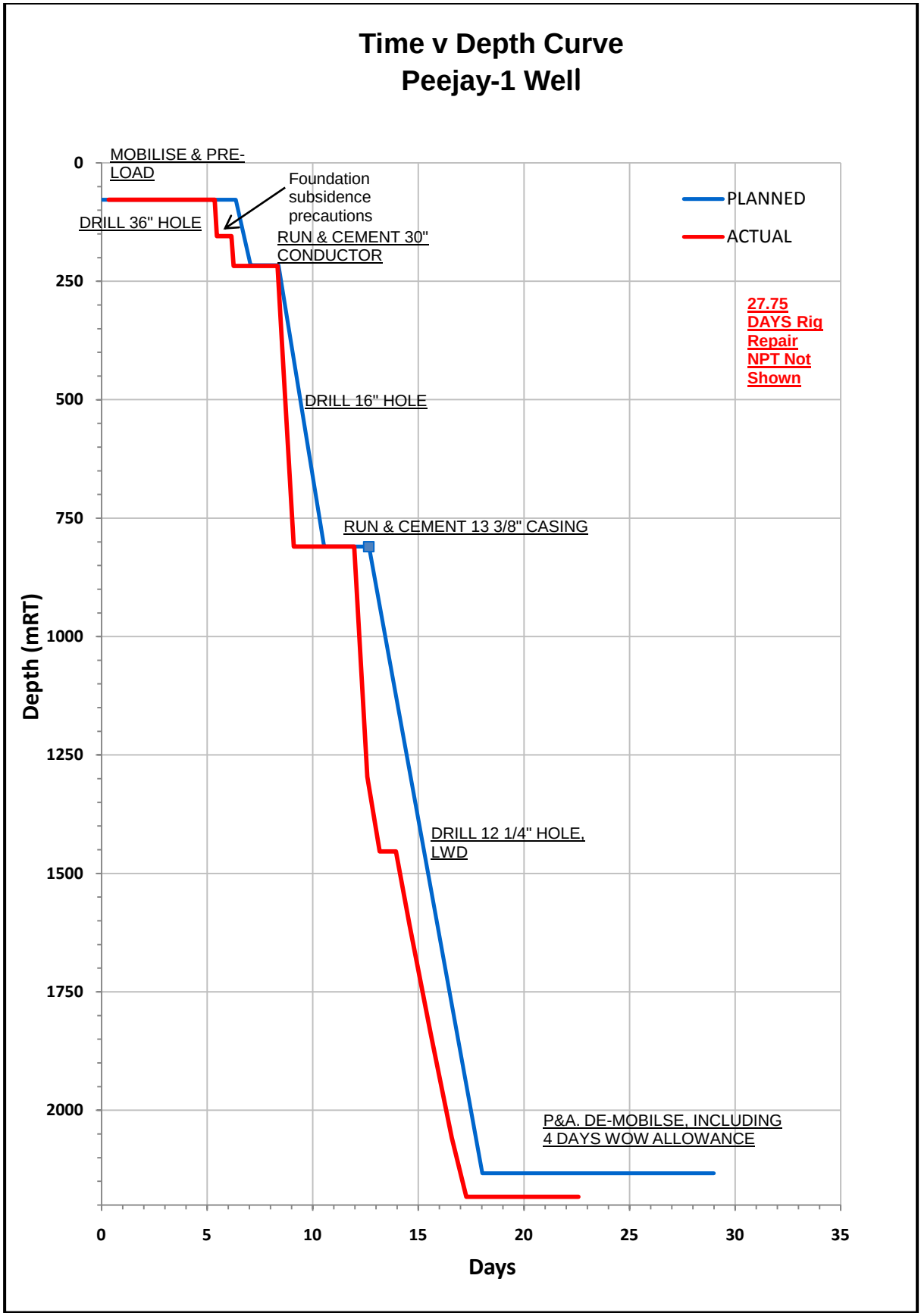
  Several unsuccessful attempts were made to re-enter the 13.375in casing after cutting during the abandonment phase costing a total of 4.5hrs. For future wells with a deep set conductor, consideration could be given to cutting the casing in the 20in pipe section immediately above the conductor shoe. This would centralise the string and ensure re-entry of drill pipe.

PEEJAY-1

OPERATIONS DESCRIPTION	ACTUAL DURATIONS											
	ACTUAL DURATIONS				TOTAL NPT		OPERATIONAL		RIG REPAIR		WOW	
	DEPTH (M MD)	HRS	DAYS	CUM DAYS	HOURS	DAYS	HOURS	DAYS	HOURS	DAYS	HOURS	DAYS
Mob/Rig up (P1)	78	117.0	4.88	4.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Drill 36in hole (P2)	218	36.0	1.50	6.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Run and cement 30in conductor (P3)	218	37.0	1.54	7.92	3.50	0.15	2.00	0.08	1.50	0.06	0.00	0.00
Drill 16in hole (P4)	810	35.5	1.48	9.40	1.50	0.06	1.50	0.06	0.00	0.00	0.00	0.00
Run and cement 13.375in casing (P5)	810	23.5	0.98	10.38	1.00	0.04	1.00	0.04	0.00	0.00	0.00	0.00
Run BOPs/Riser (P6)	810	13.0	0.54	10.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Drill 12.25in hole (P11)	2,183	167.5	6.98	17.35	5.50	0.23	5.50	0.23	0.00	0.00	0.00	0.00
Log 12.25in hole (P11)	2,183	0.0	0.00	17.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Abandon well (P21)	2,183	76.5	3.19	20.54	7.50	0.31	7.50	0.31	0.00	0.00	0.00	0.00
Demobilisation (P1)	2,183	75.0	3.13	23.67	51.50	2.15	0.00	0.00	0.00	0.00	51.50	2.15
			24.21		70.50	2.94	17.50	0.73	1.50	0.06	51.50	2.15

Table 2

5.3 Time Depth Curve



6. Recommendations

The main recommendations arising out of operations on PeeJay-1 are summarised below.

Item	Phase	Keyword	Observation / Lesson Learnt	Action Required
1	Rig Move	Preloading	The preloading philosophy (single leg / all legs together / in or out of water / hold period etc.) changed several times during the operations. Some of this was in response to conditions observed, but other times it appeared due to uncertainty over which procedure would best achieve the desired results.	If using a jackup at a site with soft seabed soils and a high probability of rapid penetration events, the preloading philosophy should be fixed beforehand and a signed procedure should be issued. The preloading philosophy should be developed on a project basis with input from the warranty surveyor, rig owner, site survey contractor and independent soils expert, to minimise risk of failure and achieve optimum operational performance.
2	Rig Move	Preloading	Two horizontal leg braces at the 114m level in the starboard leg failed due to overload, caused by a rapid penetration event while preloading.	It should be understood how the overload situation occurred. If this was the result of the preloading methodology, then a study should be undertaken to develop the optimal preloading procedure for this and similar sites where soft soils and high penetration event potential exists.
3	Rig Up to spud	Texas deck	The BOP work platform which is installed over the CTU is difficult to install due to insufficient pad eyes above, for rigging up lifting equipment.	Obtain Seadrill engineering approval of modifications to install appropriate pad eyes, sheaves and rollers to assist with installation. Until approval obtained use slings attached to travelling block, and winches (works well - approx 20 minutes to install / remove). Seadrill presently documenting the procedure.
4	Rig Up to spud	Rig Up	Prior to skidding out the cantilever, the Texas deck can be lowered by the aft crane to reduce rig-up time by approximately 2 hrs.	Consider the proposal of lowering the Texas deck by crane before skidding and positioning the stairs during the skidding of the cantilever.
5	Testing BOP	BOP test	The rig's test pump was used to test the BOPs and choke manifold off the critical path.	Maintain Seadrill test pump and continue to keep the Halliburton pumping unit as a back-up option.
6	Running Conductor	Conductor	Unable to circulate conductor due to hole packing off.	Fill hole with weighted mud prior to POOH to run 30in conductor.
7	BOP Test	Test tool	BOP test joint (jt DP) made up to cross over.	Obtain new test joint with correct thread and correct pressure rating.

Item	Phase	Keyword	Observation / Lesson Learnt	Action Required
8	Drill 12.25in	Drilling Fluid	The use of Ezy-Mud chemical in powder form caused shaker screens to blind and equipment to clog up. This is the first time it has been used on board.	Only use Ezy-Mud in liquid form, as done previously, and exclude use of the powder form of this chemical.
9	Run 13.375in casing	Weatherford	Power tong hoses were crossed resulting in over flowing of rig hydraulic tank.	Clearly mark hoses to identify the service so that they are connected correctly.
10	Drill 12.25in	Drill pipe	Rearranging the link-tilt clamps on the bails for using zip elevators to pick up pipe from mouse-hole, rather than changing out the bails, ensures the task of picking up or laying down drill pipe is safer and also reduces non productive time by approximately 1.5 hours.	Adopt this improvement and include in the procedure for picking up drill pipe.
11	Drill 12.25in	Bit	The 12.25in PDC bit (Reed Hycalog RSR616M-A10) used to start this hole section was worn flat by pyrite stringers after making only 644m.	Critically review bit selection for drilling EVCM to optimize bit life and overall ROP. Note: the TCI bit (Hughes MXL-C30HDX) run after the PDC performed very well.
12	Drill 12.25in	MWD	Unable to load radioactive source into primary ADN tool due to a problem with the thread used for connecting the source loading tool. The "back-up" tool and job continued.	Serviceability of equipment is critical to a successful operation. All tools sent to the rig must be inspected and certified operational prior to dispatch. Schlumberger should review their servicing procedures to ensure it is relevant for the particular tools requested by the client.
13	Drill 12.25in	MWD	During the change out of LWD tools it was identified that one of the backup tools had damaged threads.	All tools sent to the rig by a third party must be inspected prior to dispatch and prior to use to eliminate critical path problems.
14	Drill 12.25in	MWD	During the drilling phase, numerous MWD related problems occurred which resulted in the crew working in excess of their allocated time. This became a safety and operational issue.	Only one really competent Schlumberger engineer was onboard - the other two were essentially "trainees". Need to ensure that Schlumberger supplies sufficient competent personnel.

Item	Phase	Keyword	Observation / Lesson Learnt	Action Required
15	13.375in casing	DQ MLS	The casing pup joint on the mudline hanger was too short, making it impossible to use the Weatherford Stabmaster whilst making up.	Use pup joints above and below ML hanger of sufficient length so that overall length of assembly is comparable to length of a joint of casing, to allow Stabmaster to be used.
16	13.375in casing	Cement	Cementing dart stuck in square shouldered sub.	Remove from service all subs with internal square shoulder. Ensure that a visual inspection is performed of the internal bore of all crossovers prior to use.
17	Wire-line Logging	Wire line Logging	Schlumberger dispatched their logging tools by boat along with their workshop. Upon the crew arriving to set up it was found that some equipment such as lifting caps, testing cables and barrier tape was not included in their equipment list. This equipment was then sent as cargo on the next helicopter.	Schlumberger should have a basic deployment checklist of essential equipment which should be signed off prior to the equipment leaving their base.
18	Drill 12.25in	Drilling Fluid	There were numerous problems with blinding of the shaker screens by Barablock.	Barablock should only be used as a remedial measure if coal stability encountered, rather than as a preventive measure.
19	Drill 12.25in	Bit	The Hughes MXL-C30 HDX bit worked better than expected.	Consider use in next well if there is a possibility of drilling pyrites or dolomites.
20	Drill 12.25in	Hole instability	The hole packed off around open-ended drill pipe when RIH to set abandonment plugs. Large volume of claystone cavings from the Demons Bluff formation was circulated out. According to Geologist this was evident in smaller amounts all the way to TD. Instability was due to tectonic stress. If wireline logs had been required at TD this problem would likely have caused significant NPT.	Critical review of the mud weight schedule and circulating rates (ECD) should be conducted before drilling future wells in this area to reduce the likelihood of wellbore instability. Additional mud weight will be required with the current casing program. An alternate may be to set surface casing in the Demons Bluff if there is no potential for hydrocarbons at a shallower depth.
21	P&A	Casing cut	Unable to re-enter 13.375in casing with drill pipe to set P&A plug after cutting the casing.	Centralise the casing by making the cut in the 20in swaged section immediately above conductor shoe

7. Well Schematic

OPERATOR: **BEACH PETROLEUM**		FIELD / WELL: **PEEJAY-1**	WELL SKETCH: **AS ABANDONED**
DRILLING RIG: (RT 112.15m ABOVE ML) **WEST TRITON (JACK UP)**	COMPLETION RIG: n/a **WEST TRITON** (JACK UP)	PERMIT: **T/39P**	API NUMBER:

DIRECTIONAL DATA

KOP:	NA	deg @	NA	MD
MAX DEV:	NA	deg @	NA	MD
DLEG SEV:	NA	deg @	NA	MD
DEV @ PERFS:	NA	deg @	NA	MD
RET to VERT:	NA	deg @	NA	MD

DRILLING / COMPLETION FLUID

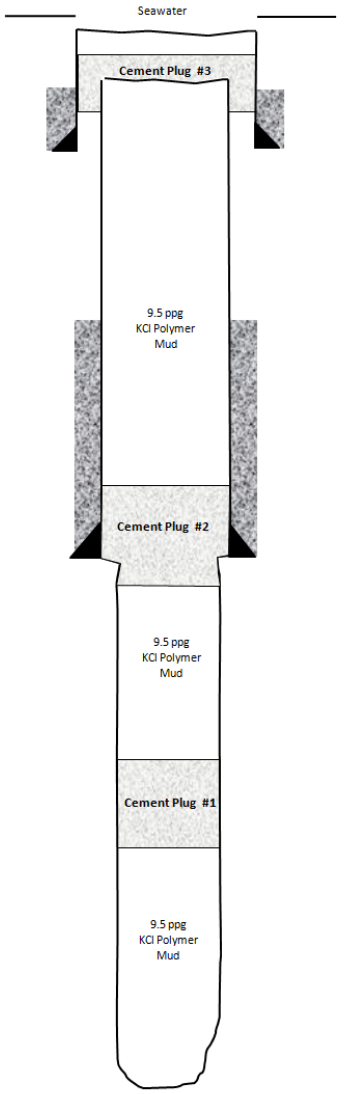
DRILLING FLUID:	8.80 ppg Seawater & Bentonite
DRILLING FLUID:	9.50 ppg KCl Polymer Mud
COMPLETION FLUID:	
COMPLETION FLUID:	
PACKER FLUID:	

TUBULAR DATA

Tubulars	OD	ID	Weight	Grade	Thread	TVD	MD	TOC
CONDUCTOR	30.000	-	310.00	X52	D60/MT	215.8	215.8	175m
SURFACE	13.375	-	68.00	N80	BTC	804.1	804.1	500m
PRODUCTION								
PRODUCTION								
PRODUCTION								
PROD TIEBACK								
PROD TIEBACK								
TUBING								
TUBING								
TUBING								
TUBING								

WELLHEAD DATA

TYPE	SU-10C / MS-10		
WP	10000psi		
TREE	CAP	FLANGE:	
		THREAD:	
TUBING HANGER:			
Upper Plug OD			
Lower Plug OD			
ELEVATIONS:		WTR DEPTH:	78.0
TRT-ASL:	34.2	OTHER:	
RT-ML:	112.2	RT-ML:	112.2



EQUIPMENT DESCRIPTION	ID	OD	DEPTH TVD - BRT	DEPTH MD-BRT
RT			0.0	0.0
SEA LEVEL			34.2	34.2
MUDLINE			112.2	112.2
30in Conductor cut at 113m			113.0	113.0
13.375in Surface casing cut at 155m			155.0	155.0
CEMENT PLUG #3 (65m) 120m TO 185m.				
Estimated TOC @ 175mTVDRT				
30"x20" CONDCUTOR SHOE			216.0	216.0
36" CONDCUTOR HOLE			218.0	218.0
Estimated TOC @ 500mTVDRT			500.0	500.0
CEMENT PLUG #2 (130m) 704m TO 834m. (Tested to 1350 psi)				
13.375" CASING SHOE			804.0	804.0
16" SURFACE HOLE			810.0	810.0
CEMENT PLUG #1 (130m) 1260m TO 1360m (Tagged)				
12.25" TD			2,183.0	2,183.0

COMMENTS:	PLUG BACK DEPTH:		
	TOTAL WELL DEPTH:	2,183	2,183
	PREPARED BY:	**DATE:**	
DRAWING NOT TO SCALE	M. Moussa	29/12/2008	Rev A

8. Attachments

1	Well Montage
2	Bit and BHA Record
3	Mud Report
4	Casing Report
5	Cementing Report
6	LOT/FIT Report
7	Deviation Survey and MWD Report (Schlumberger)
8	Activity Summary Reports
9	Final Rig Position Summary (Fugro)
10	Jacking Incident Summary

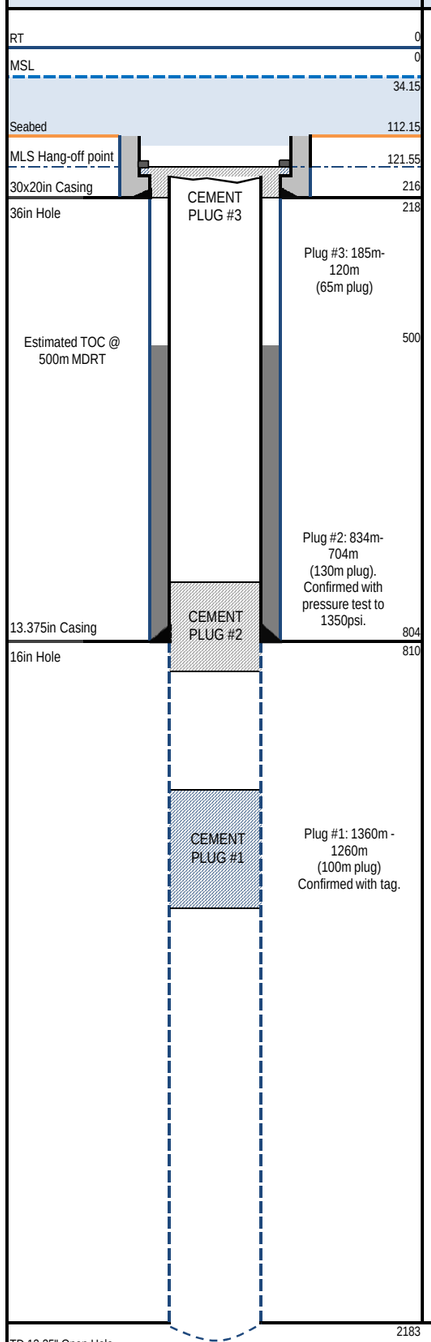
Attachment 1

Well Montage

PEEJAY-1 Well Summary

PROJECT:	Bass Strait Consortium	SURFACE LOCATION:	Latitude 40° 29' 47.9079" S Longitude 146° 21' 35.4578" E	DATUM:	Rotary Table	LICENSE:	T/39P	PREPARED BY:	Manelle Moussa
WELL:	PeeJay-1	UTM:	GDA94 Zone 55 5 516 921.312m N; 445 754.686m E	ELEVATION ABOVE MSL (m):	34.15	BASIN:	Bass	APPROVED BY:	Mark Nasarczyk
CLASSIFICATION:	Exploration Well			WATER DEPTH (m):	78	STATE:	Tasmania	LAST UPDATED:	08/01/2009
RIG:	West Triton			WELL SLOT:	n/a	OPERATOR:	Beach Petroleum LTD.		

Australian Drilling Associates Pty Ltd



WELL SCHEMATIC	FORMATION DEPTH			CASING SHOES	Hole Size /Casing Depth	CASING				PORE PRESSURE GRADIENT (ppg)	FRACTURE GRADIENT LOT/FIT (ppg)	BHST 41˚C/km, 15˚C at surface 8°C at mudline (117.85m TVDRT)	MUD PROGRAM	LESSONS LEARNT	CEMENTING DETAILS				SURVEY LWD	BITS AND BOTTOM HOLE ASSEMBLIES	FORMATION EVALUATION
	Formation Tops	mTVDss	mTVDrt			SIZE	WEIGHT (ppf)	GRADE	CONNECT-ION						Additives	Density	TOC	Excess			
RT 0 MSL 0 34.15 Seabed 112.15 MLS Hang-off point 121.55 30x20in Casing 216 218 36in Hole CEMENT PLUG #3 Plug #3: 185m-120m (65m plug) Estimated TOC @ 500m MDRT 500 CEMENT PLUG #2 Plug #2: 834m-704m (130m plug). Confirmed with pressure test to 1350psi. 13.375in Casing 804 810 16in Hole CEMENT PLUG #1 Plug #1: 1360m - 1260m (100m plug) Confirmed with tag. 2183 TD 12.25" Open Hole	Seabed Recent Torquay Group Oligocene Sandstone Demons Bluff Upper Eastern View Gp Middle Eastern View Gp	78 100 1135.85 1219.85 1293.85 1565.85 2148.85	112.15 134.15 1170 1254 1328 1600 2183	RT mTVDRT 0 36" to 218m 216 16" to 810m 804m 12.25"	30x20in 13.375in 12.25in Open Hole	1" wall 68ppf	X52 N80	D60/MT BTC		Normal 8.5ppg Normal 8.5ppg (predicted) Increases to 9.0ppg from approx 1400mRT (predicted)	LOT: EMW = 15.55ppg @ 813mRT	10˚C 37˚C 77˚C @ TD	Seawater & High Viscosity Bentonite Sweeps MW = S/W Funnel Viscosity 400 - 500 sec pH = 9-9.5 Seawater & High Viscosity Bentonite Sweeps MW = S/W Funnel Viscosity 400-500 sec pH = 9.5 KCl / Polymer / CLAYSEAL - Freshwater MW =8.8-9.5ppg 6rpm = 11-13 API Filtrate = 3.8-5.5 KCl = 7-7.3% by weight Excess PHPA 1-1.6ppb pH = 8.5-9.5	<u>Excessive leg penetration</u> Rapid penetration of starboard leg occurred at 100% preload. The cross brace intersection of the starboard leg sheared in two places costing 27.75days of NPT for rig repair <u>Cementing of 13.375in casing</u> Due to a square shouldered crossover the dart became lodged and the wiper plug did not bump. Learnings going forward for all future wells should be to remove all square shouldered subs from service and ensuring that prior to use a visual inspection of the internal shoulder is performed to ensure that it is bevelled. <u>Abandonment</u> Several unsuccessful attempts were made to re-enter the 13.375in casing after cutting the casing during the abandonment phase costing a total of 4.5hrs. Learnings should be carried forward to ensure casing is cut in the 20in pipe section immediately above the conductor shoe. This will centralise the string and ensure re-entry of drill pipe <u>Faulty ADN tool</u> Whilst making up the 12.25in BHA 4.5 hrs lost while attempting to load the radioactive source into the Schlumberger ADN tool, being unable to locate thread to latch the source handling tool. The primary faulty ADN tool was broken out and replaced with a 'back-up' ADN tool. Serviceability of equipment is critical to a successful operation. Learnings to be taken forward to ensure all tools are inspected and certified operational prior to dispatch. More emphasis should be placed on Schlumberger servicing procedures to ensure it is relevant for the particular tool requested by the client <u>Low ROPS</u> An additional 39hrs was spent on the 12.25in hole phase due to lower ROPs than expected. Two bit trips were performed (only one was planned) when drilling through hard sandstone/pyrite/dolomitic stringers. A review of bit selection would be necessary for future wells due to the excessive wear of the bit chosen when it was run through harder formations.	Single Slurry Class G + Seawater 15.9ppg Estimated 175m TVDRT Plug #3 HTB cement Seawater 15.9ppg 120-185m TVDRT Single Slurry Class G + Freshwater 15.8ppg Estimated 500m TVDRT 10% Plug #2 Class G +NF-6L Sea water 15.8ppg 704-834m TVDRT Plug #1 Class G +SCR-100L +NF-6L Drill water 15.8ppg 1260-1360m TVDRT	Anderdrift MWD DIR-GR sonic VISION9 - DT MWD DIR-GR-RES sonicVision8-DT SADN-Neut-Den-Cal	26in Bit & 36in Hole Opener (1 Run) 26" Y11C Bit + 36" HO Float Sub Anderdrift 2 x 9.5" DCs Crossover 7 x 8.25" DCs Crossover 6 x HWDP Bit Wear 1-1-NO-A-E-I-NO-TD 16" Rotary BHA (1 Run) 16" Bit - Hughes GXC-1V Bit sub with float valve Power Pulse HF MWD Sonic VISION 900 LWD 16" stabiliser 9.5" DC (1 joint) 16" String stabiliser 9.5" DC (1 joint) Crossover 8.5" DC (7 joints) Hydraulic Jar 8.25" DC (1 joint) Crossover 5.5" HWDP (15 joints) Bit Wear 1-1-NO-A-E-1-NO-TD 12.25" LWD BHA (2 Runs) Run #1 12.25" Bit - Reed Hycalog RSX616M-A16 Bit sub with float valve ARC-8 Power Pulse HF 12.12" In Line stab Sonic VISION 825 ADN-8 with 12.25" stab 8.5" DC (4 joints) Drilling Jar 8" DC (1 joint) Crossover 5.5" HWDP (6 joints) Bit wear 8-8-RO-A-X-2-NR-PR Run #2 12.25" Bit - Hughes MXL-C30HDX Bit sub with float valve ARC-8 Power Pulse HF 12.12" In Line stab Sonic VISION 825 ADN-8 with 12" stab 8.5" DC (7 joints) Drilling Jar 8" DC (1 joint) Crossover 5.5" HWDP (6 joints) Bit wear 4-6-BT-A-E-1-CT-TD	NA N/A <u>Cuttings Sampling</u> Every 10m from 800m to 1200mMDRT Every 3m from 1200mMDRT to TD

Prepared by ADA

Attachment 2

Bit And BHA Record

DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time: 18:30 | Release Time: 15:00

Bit Record

Well: PeeJay-1

Date In	Date Out	IADC	Bit#	Size (in)	Ser #	Mfr	Type	Jets	TFA	D.In (m)	D.Out (m)	Prog (m)	Hrs IADC	ROP (ft/hr)	SPP (psi)	Flow (gpm)	WOB (klb)	RPM	MW (ppg)	I	O1	D	L	B	G	O2	R
15 Nov 2008	16 Nov 2008	111	1	26.00	D74635R	Reed	Y11C	3 x 24 1 x 16	1.522	112.0	218.0	106	2.5	42.4	650	800	3.00	100	8.80	1	1	NO	A	E	I	NO	TD
18 Nov 2008	19 Nov 2008	115	2	16.00	6065566	Hughes	GXC1V	3 x 20	0.92	218.0	810.0	592	21	28.19	3000	1200	8.00	150	8.80	1	1	NO	A	E	I	NO	TD
21 Nov 2008	23 Nov 2008	M422	3	12.25	218663	Reed	RSX616M-A16	3 x 15 3 x 13	0.907	810.0	1454.0	644	30	21.47	2800	1200	8.00	150	9.03	8	8	RO	A	X	2	NR	PR
24 Nov 2008	28 Nov 2008	537	4	12.25	6069569	Hughes	MXL-C30HDX	3 x 20	0.92	1454.0	2183.0	729	78.5	9.29	3200	1200	35.00	155	9.24	4	6	BT	A	E	I	CT	TD

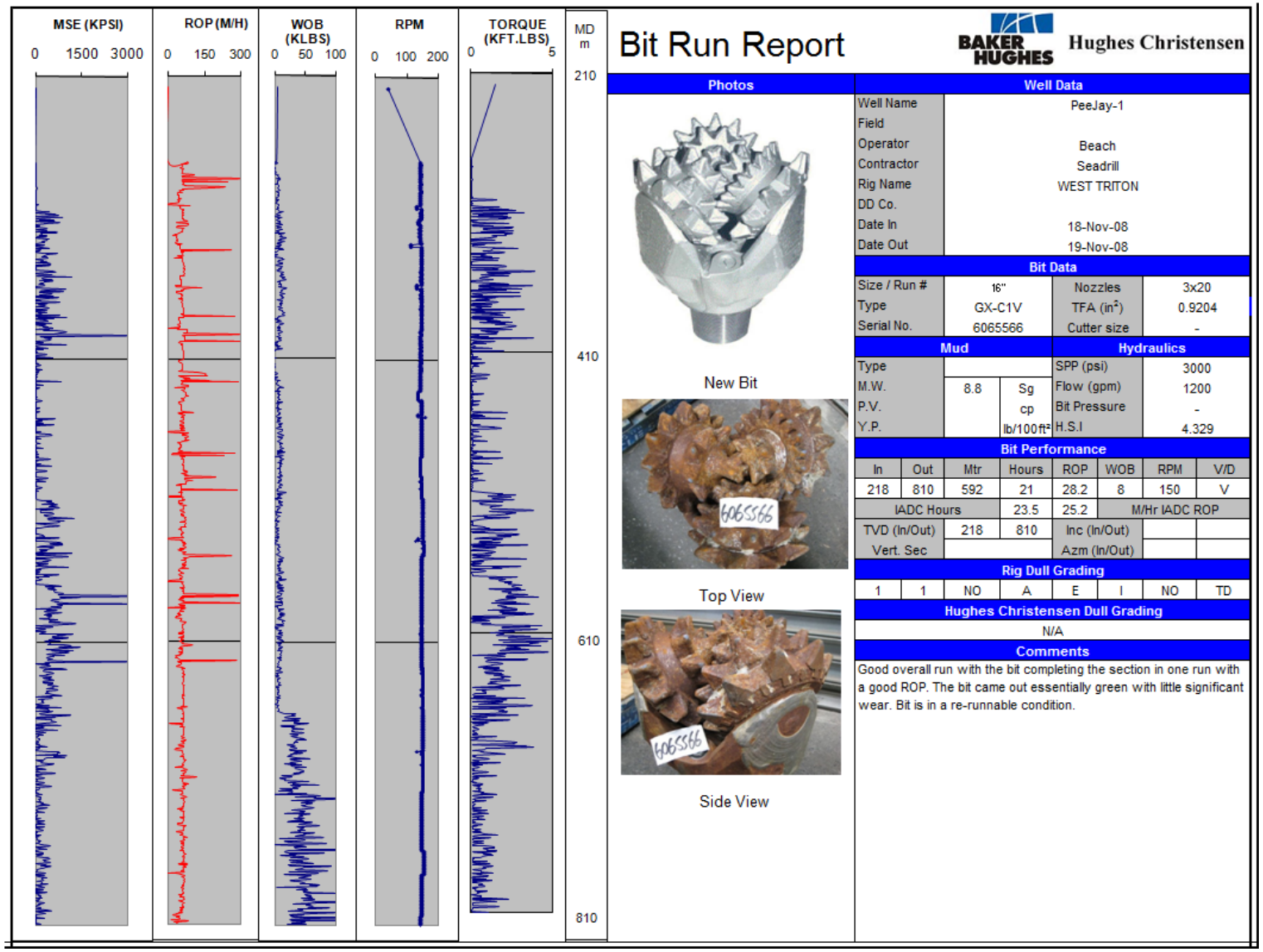
'Copyright IDS 2007', 20071227 (KS&JG),
ADA_AU_FWR.xsl (parent/child V1.3)

DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time: 18:30 | Release Time: 15:00

BHA Record

#	Date-in	Length	Weight	Weight Blw/Jar	String Weight	Pick-Up Weight	Slack-Off Weight	Torque Max	Torque on Bottom	Torque off Bottom	Description
1	15 Nov 2008	151.2	44.00		98.00						26"bit, 36" H/O, Float sub, Anderdrift,2 x 9.5" DC's, x-over, 7 x 81/4" DC's, x-over, 6 x HWDP.
2	18 Nov 2008	184.0	58.00		154.00	157.00	152.00	4000	2000	2000	16" bit, bit sub c/w float, Power pulse, Sonic Vision 900, 16" stab, 9.5" DC, 16" stab, 9.5" DC, X/O, 7 x 8.25" DC, Jar, 8.25" DC, X/O, 15 x HWDP.
3	21 Nov 2008	146.3	47.00		180.00	192.00	179.00				12.25" bit, bit sub c/w float, ARC-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 4 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.
4	24 Nov 2008	174.4	56.00		232.00	256.00	212.00	10000	6000	3000	12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.



Bit Run Report

Hughes Christensen

Photos

New Bit

Top View

Side View

Well Data

Well Name	PeeJay-1
Field	
Operator	Beach
Contractor	Seadrill
Rig Name	WEST TRITON
DD Co.	
Date In	18-Nov-08
Date Out	19-Nov-08

Bit Data

Size / Run #	16"	Nozzles	3x20
Type	GX-C1V	TFA (in²)	0.9204
Serial No.	6065566	Cutter size	-

Mud			Hydraulics	
Type			SPP (psi)	3000
M.W.	8.8	Sg	Flow (gpm)	1200
P.V.		cp	Bit Pressure	-
Y.P.		lb/100ft²	H.S.I	4.329

Bit Performance

In	Out	Mtr	Hours	ROP	WOB	RPM	V/D
218	810	592	21	28.2	8	150	V
IADC Hours			23.5	25.2	M/Hr IADC ROP		
TVD (In/Out)		218	810	Inc (In/Out)			
Vert. Sec				Azm (In/Out)			

Rig Dull Grading

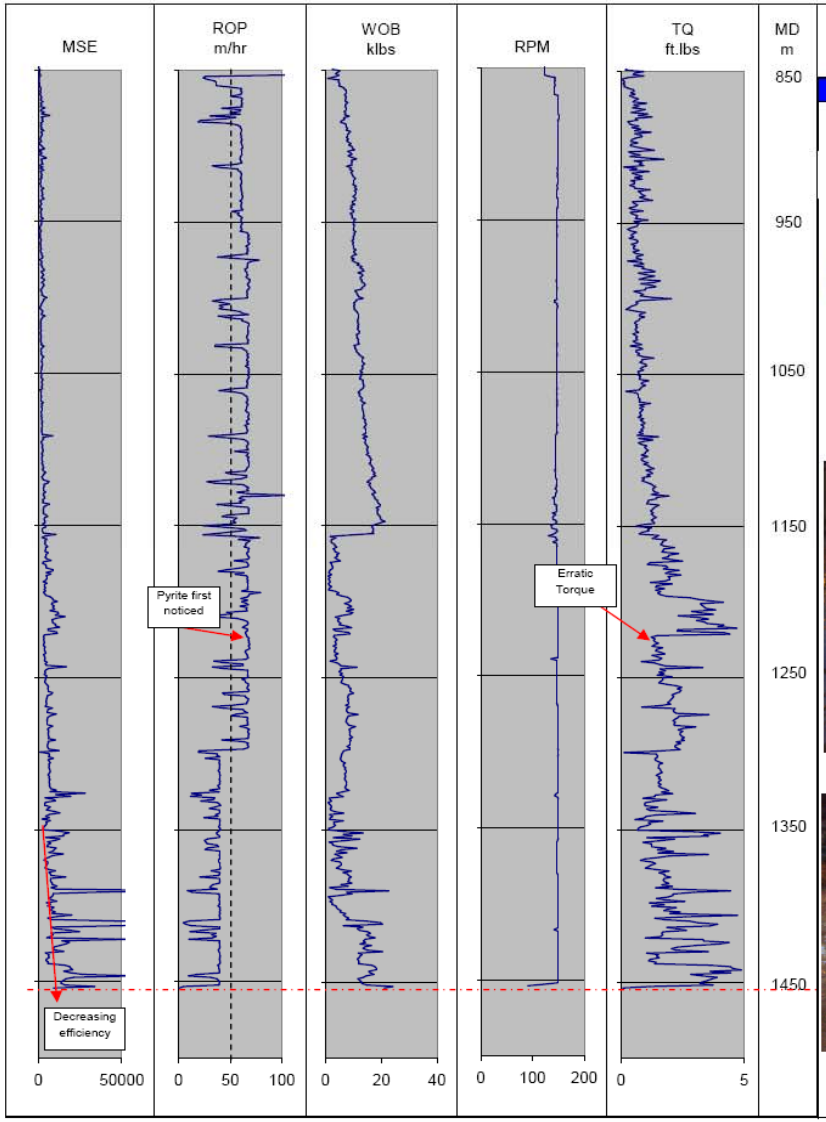
1	1	NO	A	E	I	NO	TD

Hughes Christensen Dull Grading

N/A

Comments

Good overall run with the bit completing the section in one run with a good ROP. The bit came out essentially green with little significant wear. Bit is in a re-runnable condition.



Bit Run Report

Reed Hycalog™

Photos

12.25" RSX616M-A16

New Bit

Top View

Side View

Well Data

Well Name	PEEJAY 1
Field	BASS
Operator	ADA / BEACH
Contractor	SEADRILL
Rig Name	WEST TRITON
DD Co.	VERTICAL
Date In	November 2008
Date Out	November 2008

Bit Data

Size / Run #	12.25	Nozzles	3x15, 3x16
Type	RSX616M-A16	TFA (in^2)	1.1
Serial No.	218663	Cutter size	16mm

Mud		Hydraulics	
Type	KCL/Pol	SPP (psi)	2500
M.W.	9.5	Flow (gpm)	1200
P.V.		Bit Pressure	1028
Y.P.		H.S.I	6.1

Bit Performance

In	Out	M	Hours	ROP	WOB	RPM	V/D
810	1454	644	17.6	36.59	8-21	150	v
IADC Hours		-		-	M/Hr IADC ROP		
TVD (In/Out)		-	-	Inc (In/Out)		0.3	0.7
Vert. Sec		-		Azm (In/Out)		0	0

Rig Dull Grading

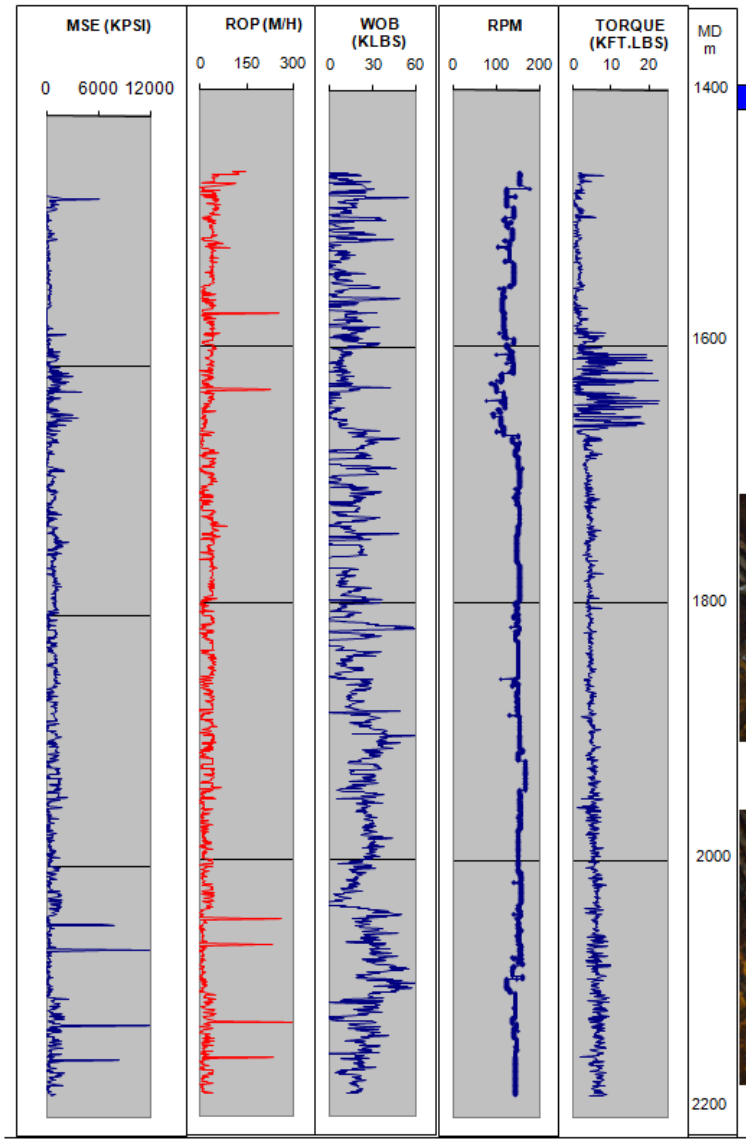
8	8	RO	A	X	2	NR	PR

REEDHycalog Dull Grading

NOT GRADED

Comments

Good initial ROP achieved through the surface sediments with very low WOB. This bit is designed to drill fast through low compressive strength rocks. High flow rate would have had a beneficial effect on the soft limestone / Marl lithology. At approximately 1182m MD, common pyrite was noticed by the geologist. In moderate to high concentrations, the pyrite would have caused massive damage to the cutting structure. Once damage occurred, the cutting structure would have been highly susceptible to abrasive wear from the sandstone in the formation. The resultant damage would have been caused by continuing to drill with no cutting structure protection. This design bit drills the soft lithology that were to be expected very fast, and in applications such as this durability is not a concern. Unfortunately in this case, significant pyrite was encountered which caused the destruction of the drill bit. In applications where pyrite is drilled by a PDC, there is little the bit design will do.



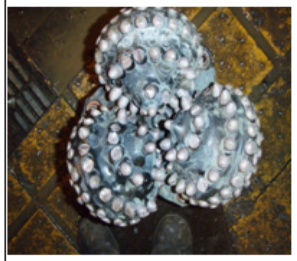
Bit Run Report

BAKER HUGHES Hughes Christensen

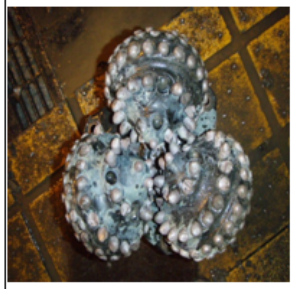
Photos

12.25" MXL-C30DX

New Bit



Top View (I)



Top View (II)

Well Data

Well Name	PeeJay-1
Field	
Operator	Beach
Contractor	SeaDrill
Rig Name	WEST TRITON
DD Co.	
Date In	24-Nov-08
Date Out	28-Nov-08

Bit Data

Size / Run #	12.25"	Nozzles	3x20
Type	MXL-C30DX	TFA (in²)	0.9204
Serial No.	6069569	Cutter size	-

Mud

Type		
M.W.	9.2	Sg
P.V.		cp
Y.P.		lb/100ft²

Hydraulics

SPP (psi)	3200
Flow (gpm)	1200
Bit Pressure	-
H.S.I	7.75516

Bit Performance

In	Out	Mtr	Hours	ROP	WOB	RPM	V/D
1464	2183	719	78.5	9.2	35	155	V
IADC Hours			132	5.4	M/Hr IADC ROP		
TVD (In/Out)		1464	2183	Inc (In/Out)			
Vert. Sec				Azm (In/Out)			

Rig Dull Grading

4	6	BT	A	E	I	CT	TD

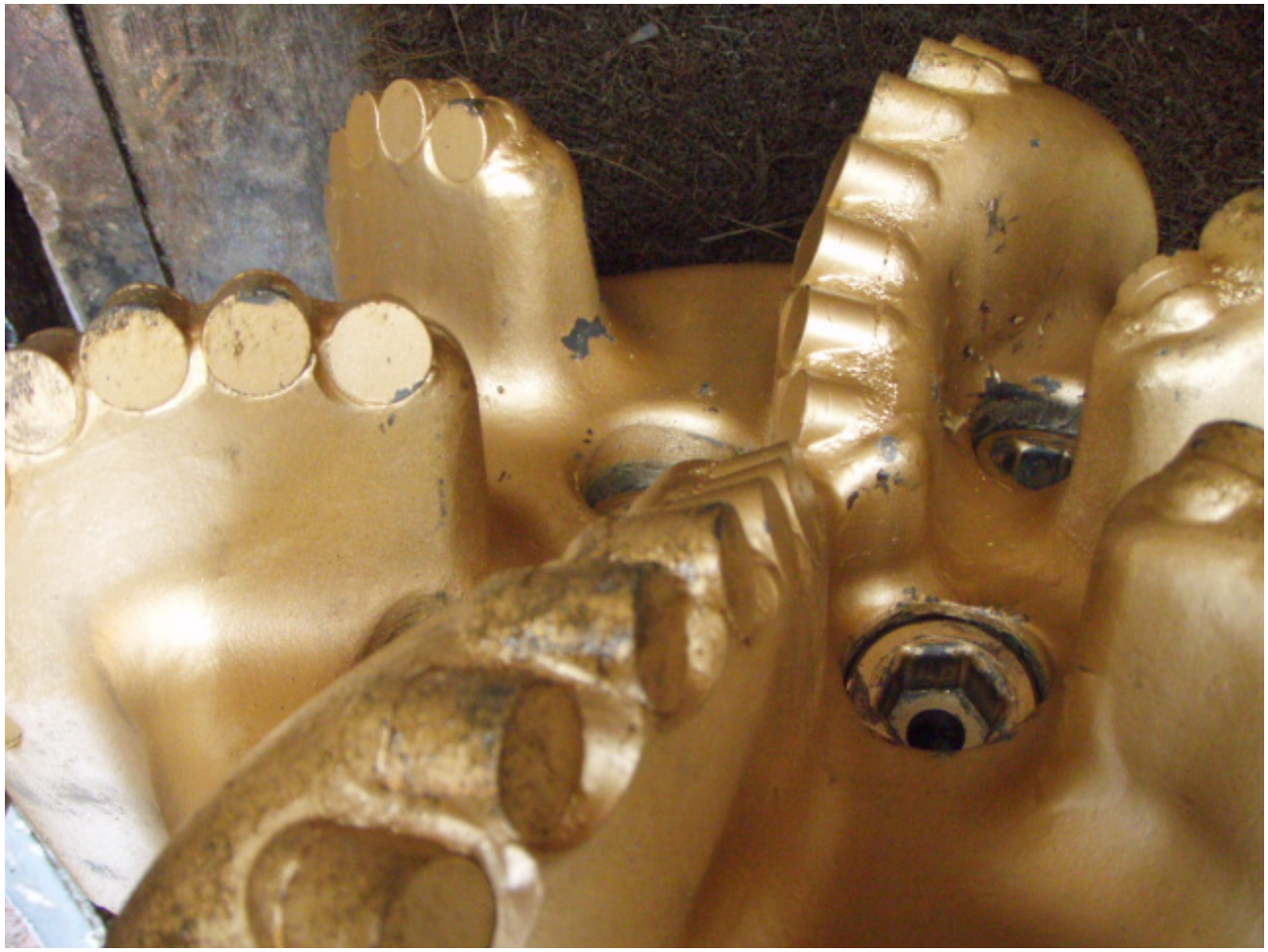
Hughes Christensen Dull Grading

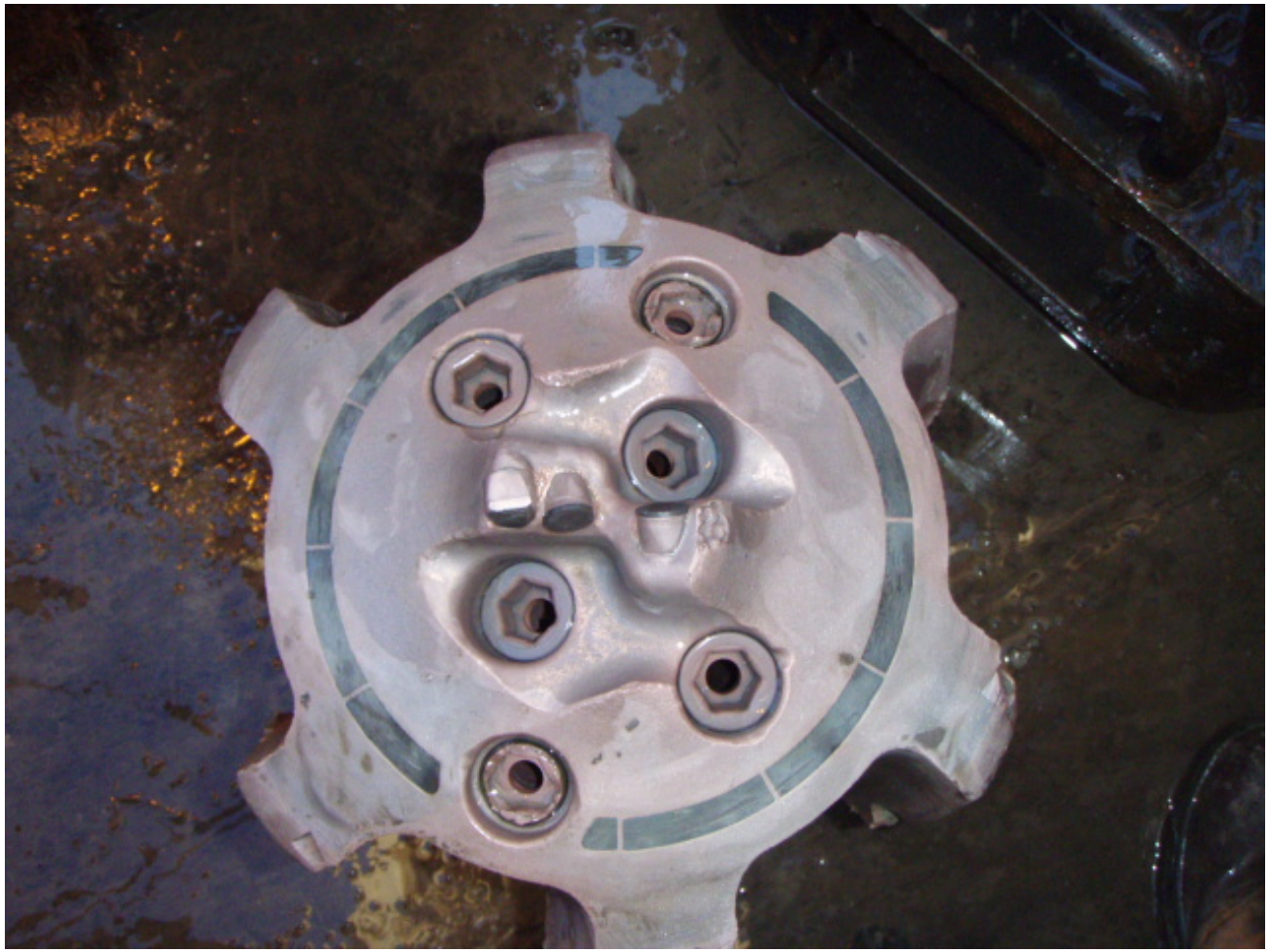
N/A

Comments

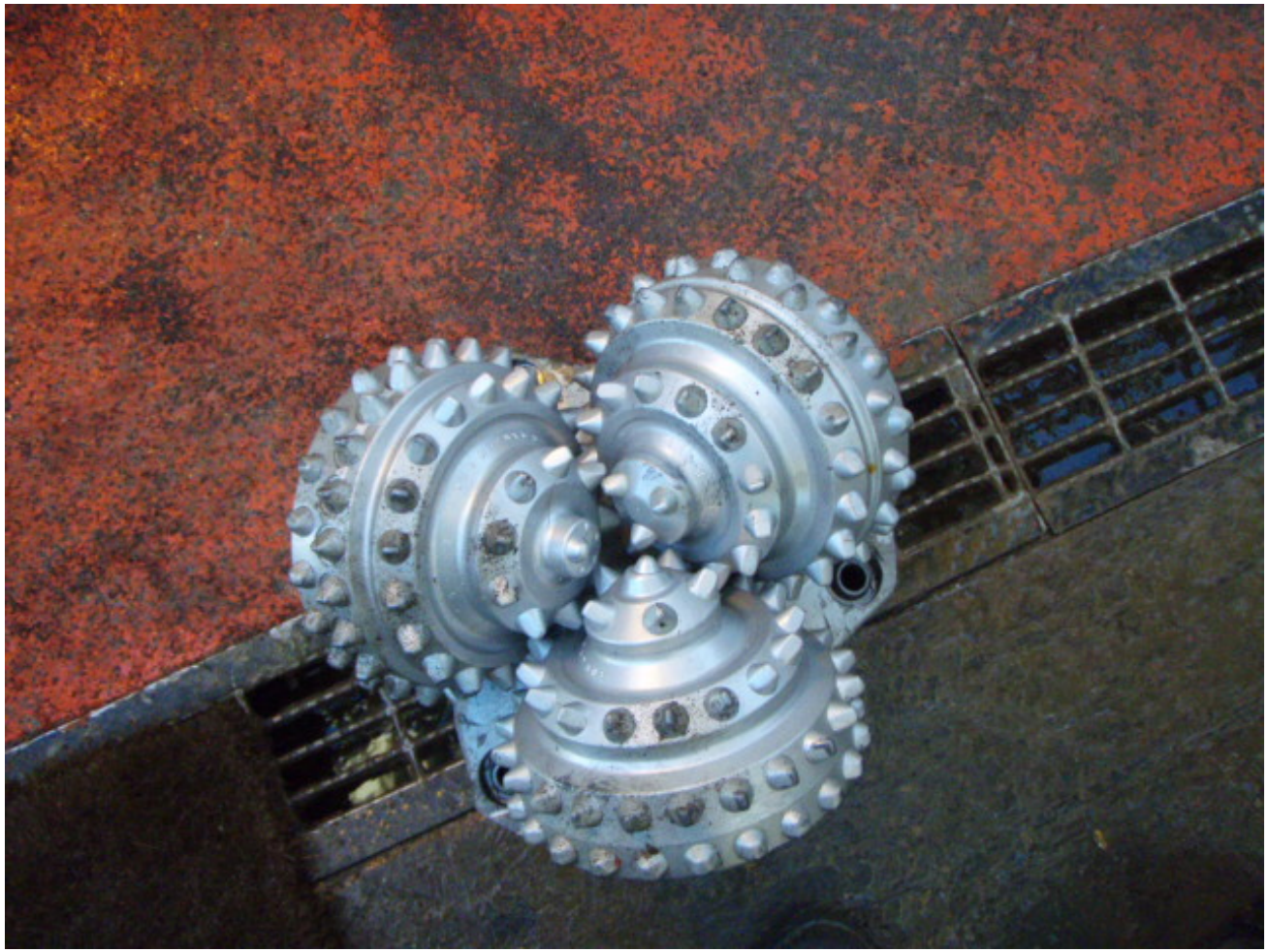
Good long run through interbedded formation following on from the previous PDC that was rung out. Excellent meterage with good ROP with the bit completing the section to TD.

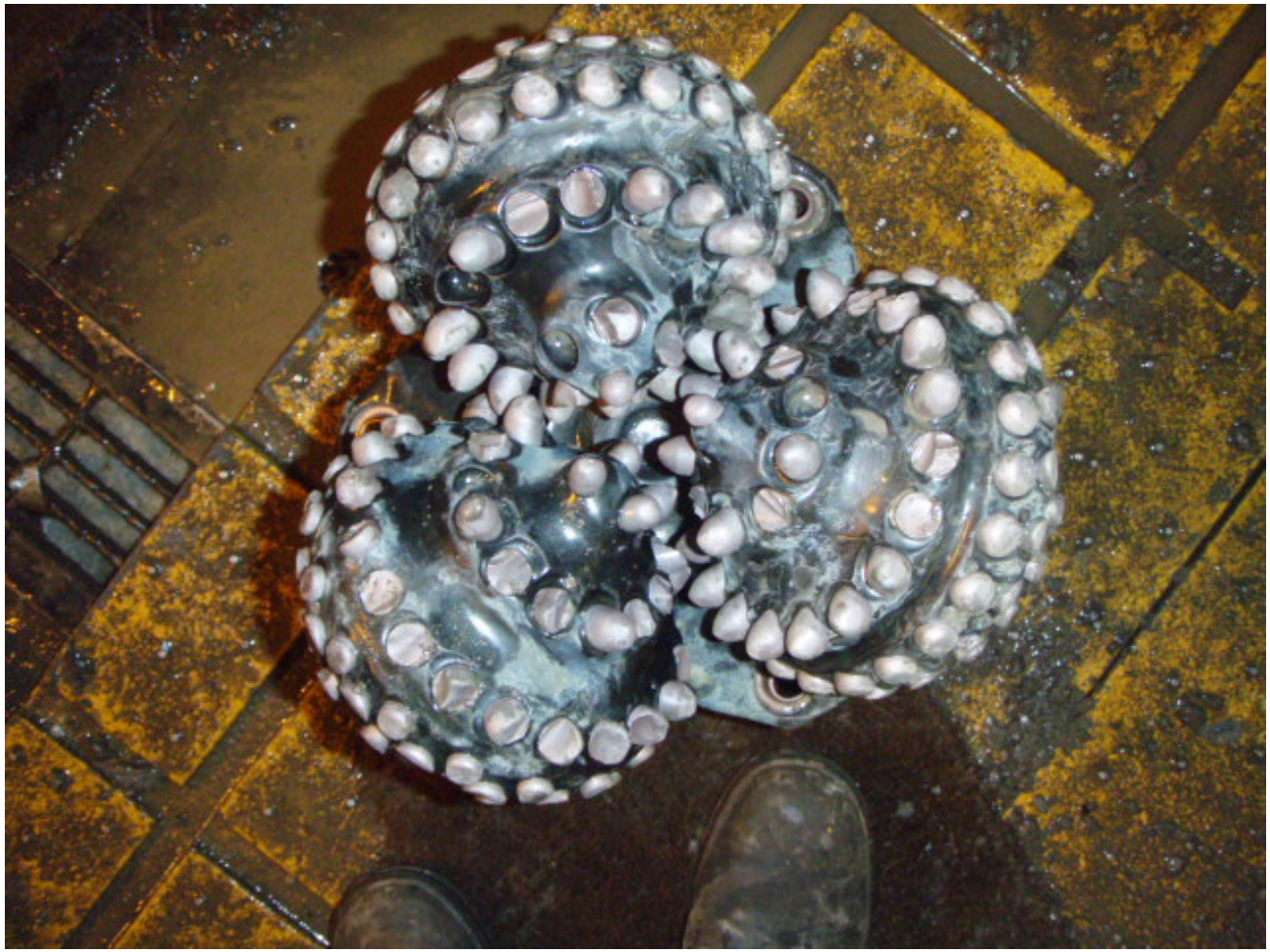
12.25in Run #1: RSR616M A10

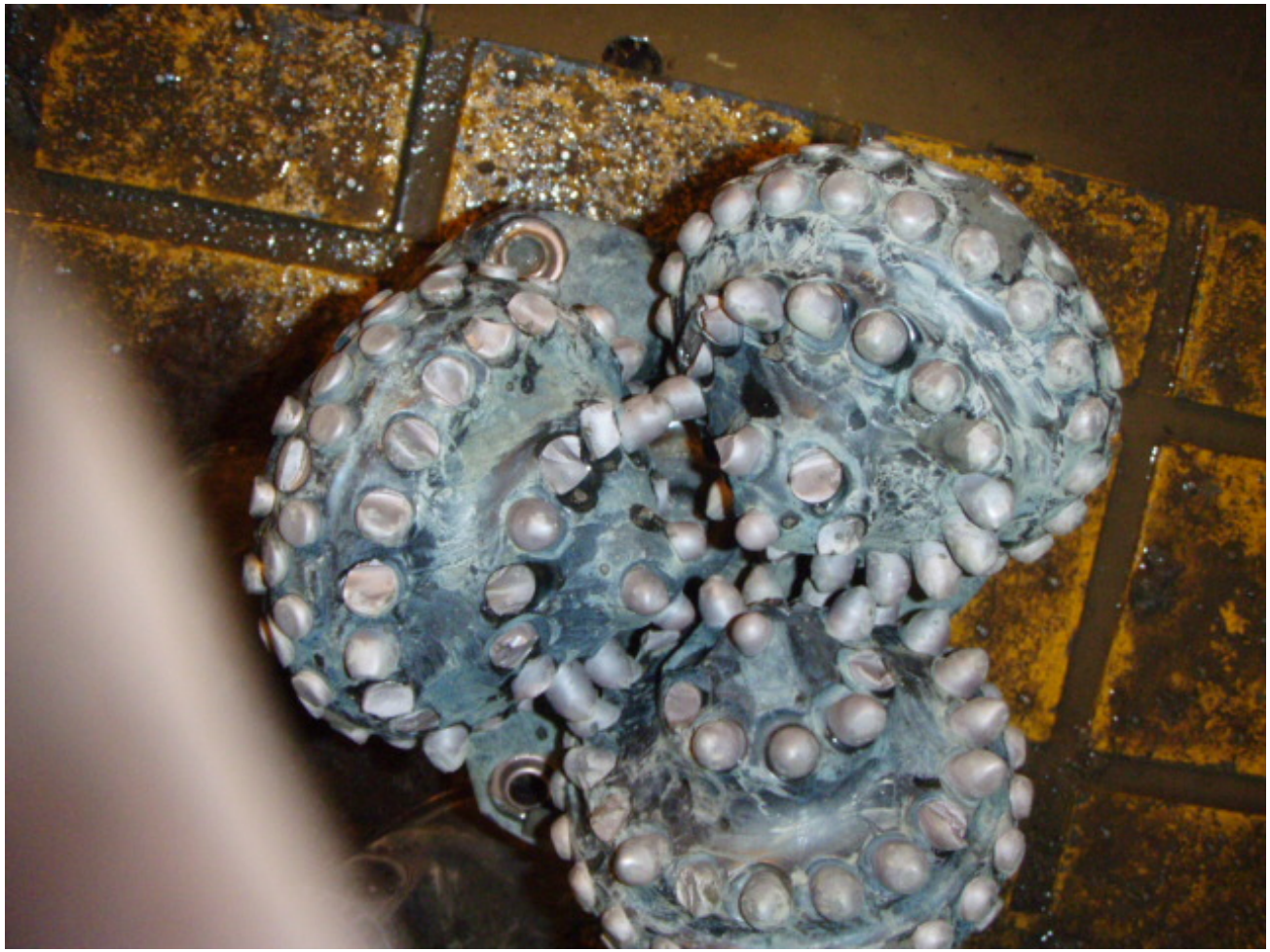


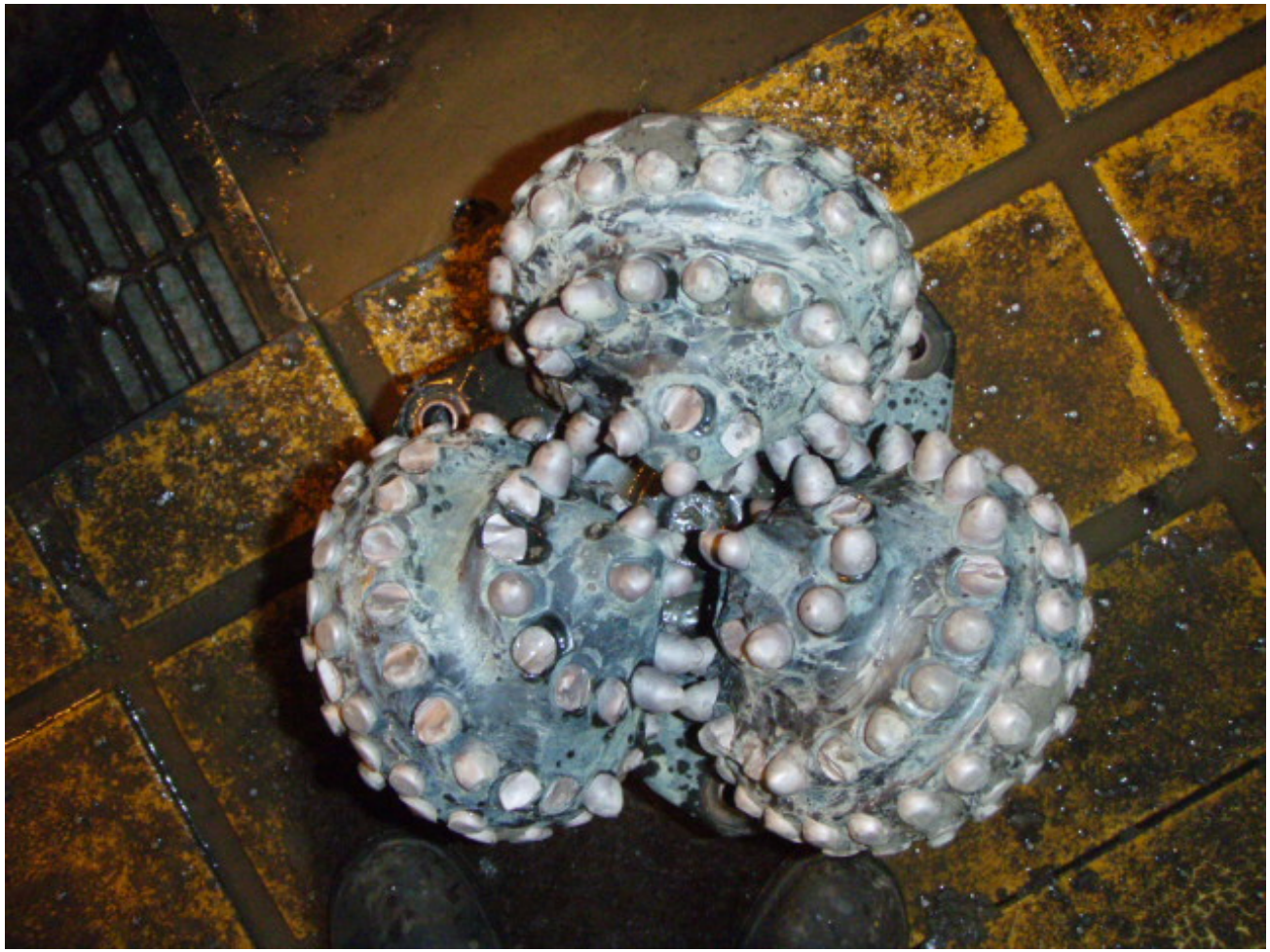


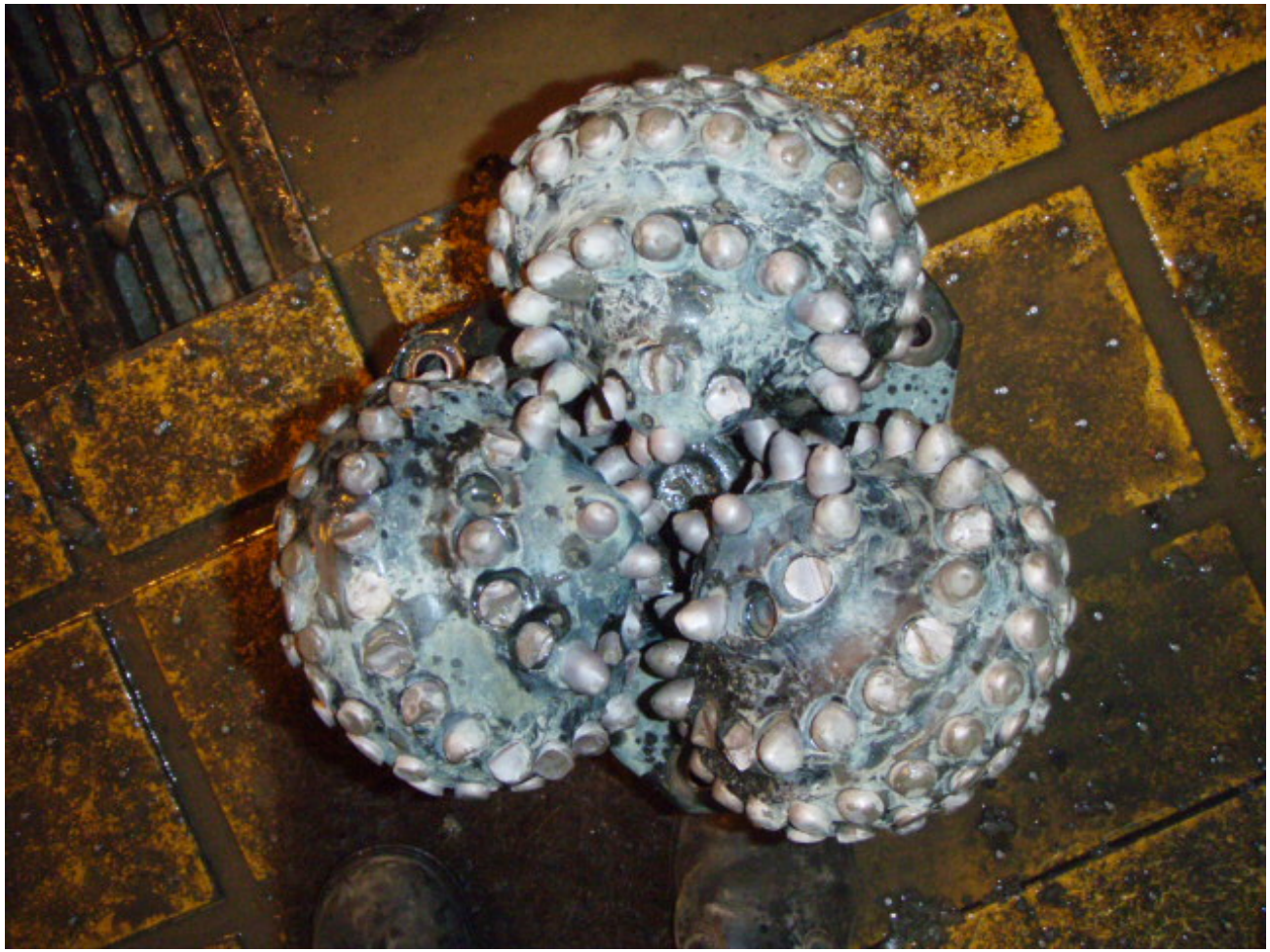
12.25in Run #2: MXL-C30HDX

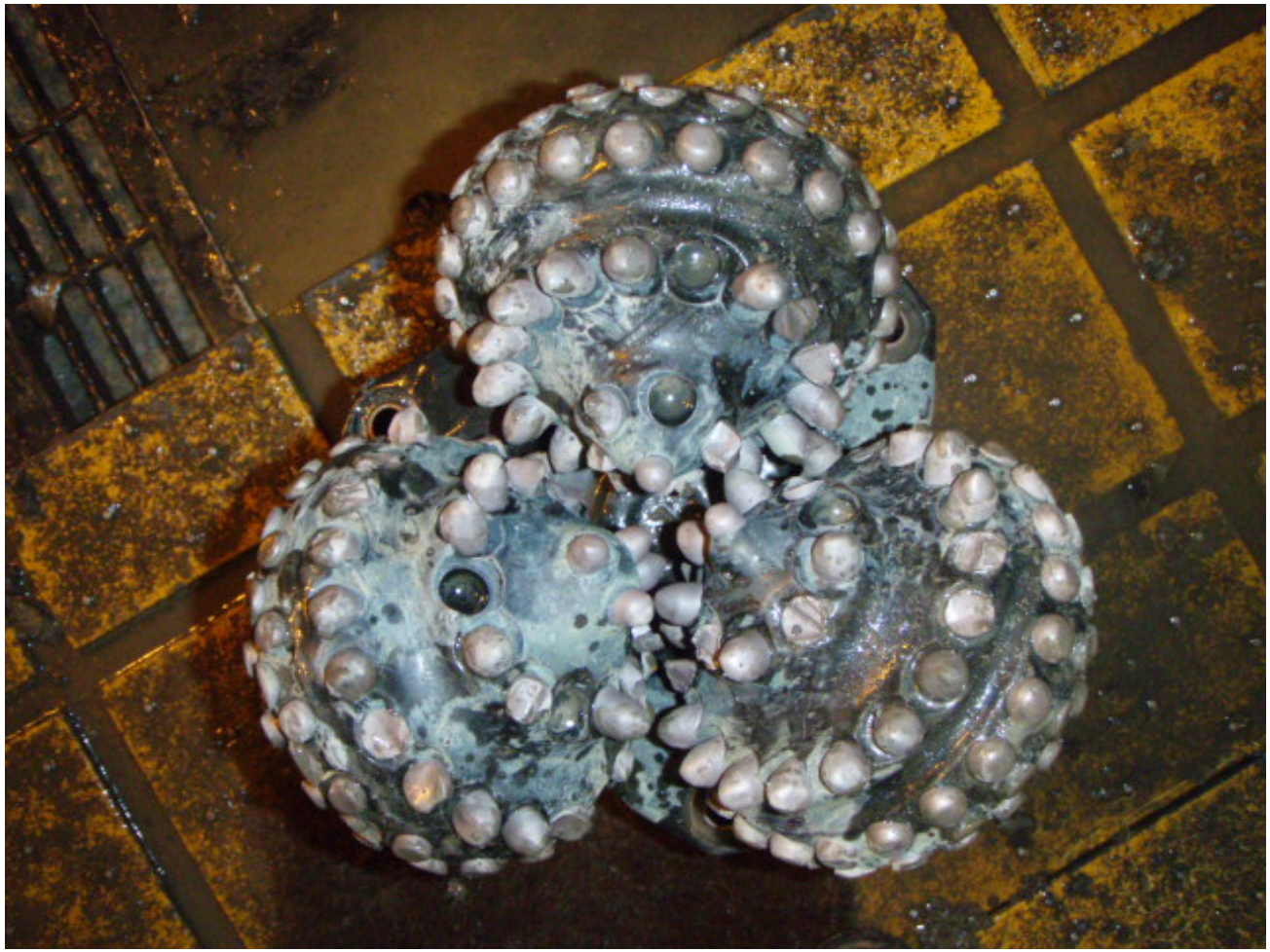












Attachment 3

Mud Report

HALLIBURTON

Fluid Systems

BAROID FLUID SERVICES RECAP

BEACH PETROLEUM LTD
WEST TRITON
BASS BASIN, TASMANIA

PeeJay-1

Prepared by: M. Flexmore
K. Georgiou
M. Maloney

Date: 29 November, 2008

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8. DAILY MUD REPORTS

1. WELL SUMMARY

1.1 Well Data

Well Name	:	PeeJay-1
Operator	:	Beach Petroleum
Well Type	:	Vertical / Exploration
Bottom Hole Temperature	:	77° C
Maximum Inclination	:	0.8 degrees
Location	:	T/39P, Bass Basin, Tasmania
Contractor/Rig	:	West Triton
Start Date (Rig)	:	12/11/2008
Baroid On Location	:	15/11/2008
Drill Out Date	:	15/11/2008
RT to Mudline	:	113m
Total Depth	:	2183m
Date TD Reached	:	27/11/2008
Total Days Actual Drilling	:	10
Date Released	:	30/11/2008
Total Days on Well	:	15
Drilling Cuttings Volume	:	657bbls

Formation Tops

Formation	MDRT (m)	TVDRT (m)	Length (m MD)	Actual (m MD)
Torquay Group	113 – 1100	113 – 1100	987	113-1170
Lower Torquay Group	1100 – 1262	1100 - 1262	162	1170-1254
Demons Bluff Formation	1262 – 1333	1262 – 1333	71	1254-1328
Upper Eastern View Group	1333 – 1600	1333 – 1600	267	1328-1600
Middle Eastern View Group	1600 – 2100	1600 - 2100	500	1600-TD
Lower Eastern View Group	No available data	No available data	n/a	
Total Depth	2133	2133		2183

1.3 Casing Program

30”	Conductor	@	218m MDRT
13 3/8”	Intermediate Casing	@	810m MDRT

1.4 Personnel

Drilling Supervisors	:	Sean De Freitas	Rocco Roussow	Peter Dale
	:			
Baroid Field Service Reps.	:	Mike Flexmore	Mike Maloney	Kosta Georgiou

2. COST SUMMARY

2.1 Drilling Fluid Costs

	Drilling Fluid	Hole Size	MD From	MD To	Cost USD $
1.	Seawater and Bentonite sweeps	36”	113m	218m	17,260.75
2.	Seawater and Bentonite sweeps	16”	218m	810m	16,906.80
3.	KCL / POLYMER	12 ¼”	810m	2183m	212,631.90
Mud Materials Used For Drilling				**USD $**	**246,799.45**
Mud Materials Used For Cementing				**USD $**	**0**
Mud Materials Used For Completion				**USD $**	**0**
Other Materials Used (Cleaning Pits & Rig Cleaning)				**USD $**	**0**
Products Lost / Damaged				**USD $**	**0**
Solids Control / Waste Management Cost				**USD $**	**0**
Total Materials				**Total USD $**	**246,799.45**

2.2 Engineering Costs

Service Representatives	From (date)	To (date)	Days
Mike Maloney	12/11/2008	18/11/2008	7
Mike Flexmore	14/11/2008	29/11/2008	16
Kosta Georgiou	19/11/2008	01/12/2008	12
Total Days:			35
Service Cost	**@ USD $ 1250**	**USD $**	**43,750.00**
Total Cost of Materials & Engineering:		**USD $**	**290,549.45**

3. PERFORMANCE SUMMARY

3.1 Comments

The objective of this well was to obtain information throughout the Eastern View Group and to assess its potential for producing hydrocarbons.

The well was drilled vertically from 113m to a total depth of 2183m utilizing 3 separate hole size intervals. Throughout the drilling phase a Schlumberger downhole motor assembly was utilised and MWD tools were used for geological interpretation.

At well TD, the hole was plugged back followed by the abandonment programme.

3.2 Performance Indicators

Interval 1. (113m–218m) – 36" Interval	**Program**	**Actual**	**Achieved (+/- 10 %)**
• Drilled, m	105	105	Yes
• Volume Built, bbl	2489	2387	Yes
• Dilution Rate, bbl/m	NA	14.79	NA
• Consumption Rate, bbl/m	23.7	22.73	Yes
• Mud Cost / bbl, US$	5.90	7.23	No
• Mud Cost / m, US$	139.73	164.39	No
• Interval Mud Cost, US$	14,671.47	17,260.75	No

Interval 2. (218m – 810m) – 16" Interval	**Program**	**Actual**	**Achieved (+/- 10 %)**
• Drilled, m	592	592	Yes
• Volume Built, bbl (includes volume carried over from previous interval)	3448	4575	No
• Dilution Rate, bbl/m	2.5	6.24	No
• Consumption Rate, bbl/m	5.80	5.18	Yes
• Mud Cost / bbl, US$	6.98	5.51	No
• Mud Cost / m, US$	40.49	28.56	No
• Interval Mud Cost, US$	24,048.72	16,906.80	No
•			

Interval 3. (810m – 2183m) – 12 1/4" Interval	**Program**	**Actual**	**Achieved (+/- 10 %)**
• Drilled, m	1323	1373	Yes
• Volume Built, bbl	3606	4424	No
• Dilution Rate, bbl/m	1.5	2.17	No
• Consumption Rate, bbl/m	2.73	3.22	No
• Mud Cost / bbl, US$	44.76	48.06	No
• Mud Cost / m, US$	121.99	154.87	No
• Interval Mud Cost, US$	161,387.33	212,631.90	No

3.3 Explanation of Non-Conformance

Interval 1 & 2: 36" and 16"

36" Hole: The volume of prehydrated bentonite built for the 36-inch interval exceeded programmed volumes however excess volume remained at the end of this interval and was carried over to the next section. Therefore actual volume consumed and respective costs for this interval were close to programmed requirements.

16" Hole: The volume of prehydrated bentonite built for this interval exceeded programmed requirements. This was due to requests from the client who called for additional hi-vis sweeps for hole cleaning and 1000bbl of "standby" volume while running casing in the anticipation of a possible wiper trip. This additional volume of mud resulted in higher interval costs.

Interval 3: 12 1/4"

All costs and associated mud volumes exceeded programmed requirements in this interval. This was solely due to high mud losses on surface caused by the massive sand sequence of the Eastern View Group which resulted in continuous blinding off of the shaker screens. The building of large volumes of new mud was ongoing throughout the drilling of the Upper and Middle Eastern View Groups to maintain sufficient drilling volume. However shaker losses curtailed somewhat with slower ROP's towards the end of the Middle – Lower Eastern View Groups.

In the 12 ¼-inch interval hole enlargement was evident from carbide lag tests that were performed by the mud loggers. From these results the average hole size was calculated between 13.4" and 13.6". Results of carbide lag tests as follows:

Depth (m)	Theoretical Lag (strokes)	Actual Lag (strokes)	Bit Size (inch)	Actual Average Hole Size (inch)
1532	4914	5396	12.25	13.4
1887	6822	6916	12.25	13.6

This section TD was drilled 50 meters beyond that programmed of 2133m to obtain further geological data of the sand sequence below the base of the Volcanics.

4. INTERVAL - 1

4.1 SUMMARY

36" Hole From 113m To 218m In 1 Day

Drilling Fluid Seawater and Bentonite Sweeps
Formations Torquay Group

PeeJay-1 was spudded on 15 November 2008.

The 36-inch interval was drilled riser-less, using seawater and unweighted hi-vis flocculated spud mud sweeps from 113m to 218m. The spud mud used for sweeps was built from pre-hydrated bentonite at 40ppb, cut back with seawater once hydrated and flocculated by the addition of lime prior to pumping. Sweeps of 75bbl were pumped at each single to clean the hole. All mud returns were to the seabed.

After drilling to 218m, a 200bbl flocculated PHB sweep was pumped to clean the hole and then circulated out. Prior to POOH for casing run 500bbl of neat PHB was spotted in the open hole.

The 30-inch conductor was run to 218m with no problems. It was then cemented as per programme, however as per ROV monitoring there was no indication of any cement returns at seabed.

Properties	**Programmed**		**Actual (Typical Drilling)**		
	Min	**Max**	**Min**	**Max**	**Conformance**
Mud Weight, sg	ALAP	ALAP	8.8	8.8	Yes
6 rpm, lb/100 ft²	>40		43	94	Yes
YP, lbs/100ft^2			75	158	
Viscosity, sec/qt	>100		400	500	Yes
pH	8	9.5	9	9.5	Yes
Plastic Viscosity, cp	N/C	N/C	10	16	

Explanation of Non-Conformance

- All properties conformed to programme requirements.

Maintenance

- The bentonite used was first prehydrated in drill water at a concentration of 40ppb. This was then cut back to 25ppb using seawater. Lime was added at 0.25ppb prior to pumping to enhance viscosity through flocculation. Caustic soda and soda ash was used to treat out any divalent ions from the makeup drillwater which also obtained the required alkalinity.

- Sea water was used from Pit #6 for drilling. The prehydrated bentonite was prepared in Pits 3 and 4 whereas the hi-vis sweeps were prepared in Pits 1 and 2.

INTERVAL - 2

4.3 SUMMARY

16" Hole From 218m To 810m In 2 Days

Drilling Fluid Seawater and Bentonite Sweeps
Formations Torquay Group

The 16-inch interval was drilled riser-less using seawater and unweighted hi-vis flocculated spud mud sweeps from 218m to 810m. The spud mud used for sweeps was built from pre-hydrated bentonite at 40ppb, cut back with seawater once hydrated and flocculated by the addition of lime prior to pumping. The 50bbl sweeps were pumped at each single to clean the hole. All mud returns were to the seabed.

After drilling to 810m, two 100bbl flocculated PHB sweeps were pumped to clean the hole and 700bbl of neat PHB was spotted in the open hole prior to POOH for casing run.

The 13 3/8-inch casing was run to 810m with no problems. It was then cemented as per program, however due to an upset in a crossover the dart became lodged and the wiper plug did not bump.

Properties	**Programmed**		**Actual**		
	Min	**Max**	**Min**	**Max**	**Conformance**
Mud Weight, ppg	ALAP	ALAP	8.8	8.8	Yes
Viscosity, sec/qt	65	120	400	500	Yes
pH	8	9.5	9.5	9.5	Yes

Explanation of Non-Conformance

- All properties conformed to programme requirements.

Maintenance

- The bentonite used was first prehydrated in drill water at a concentration of 40ppb. This was then cut back to 25ppb using seawater. Lime was added at 0.25ppb prior to use to enhance viscosity through flocculation. Caustic soda and soda ash was used to treat out any divalent ions from the makeup drillwater which also obtained the required alkalinity.

- Sea water was used from Pit #6 for drilling. The prehydrated bentonite was prepared in Pits 3, 4, 7, 8 whereas the hi-vis sweeps were prepared in Pits 1, 2, 5.

INTERVAL - 3

4.3 SUMMARY

12 1/4" Hole From 810m To 2183m In 6 Days

Drilling Fluid KCL/Polymer
Formations Torquay Group, Demons Bluff, Eastern View Group

The 13 3/8-inch casing plugs and shoe track were drilled using seawater. Prior to exiting the shoe track the hole was displaced to unweighted KCL/Polymer mud. After drilling 3m of new hole a LOT test was performed to 15.6ppg EMW.

The 12 ¼-inch interval was drilled from 810m to TD at 2183m using KCL/Polymer/Clayseal mud. At 1100m the mud weight was raised to 9.5ppg prior to entering the Demons Bluff Formation with an expected increased pore pressure.

Drilling rates averaged 60m/hr from the start of the interval to 1454m when the bit became worn and a bit trip was made. The formation to 1400m was predominantly soft claystone. From 1400m the lithology changed to massive sandy sequences, fine – coarse abrasive through to 1454m. The PDC bit was replaced with a Hughes insert bit.

While drilling these sands the shaker screens became blinded necessitating their changing to the coarsest screens available: 20 mesh on top and API 50 mesh on the bottom. Even with the coarse screens, mud losses continued and pump rates were reduced to help cope. At one stage drilling stopped while shaker loss issues were being addressed. Mud volumes were running precariously low coupled with slow mixing while blocked hopper issues were being experienced. It was during the bit trip at 1454m that time became available to address the hopper issues and more volume was built.

As drilling continued through the bottom of the Middle – Lower Eastern View Group, penetration rates slowed allowing screening up in stages to finer API 120 mesh screens on shakers 1, 2 and 3. Shaker 4 was retained with the coarse API 50 mesh screens to absorb any further losses. Throughout this interval approximately 1900bbl of mud volume was lost at surface over the shakers due to the blinding effect of the sands on the screens.

While drilling through the Coal sequences there was some evidence of fractured cuttings, albeit small, but these signs were considered negligible and there were no hole issues in this regard. BARABLOK was maintained throughout this interval as a bridging agent to prevent destabilization of the drilled Coals.

At TD, 2183m, the hole was circulated clean prior to POOH. The hole was found to be slick and in good condition as there was no indication of abnormal drag or over-pull.

Properties	**Programmed**		**Actual (Typical Drilling)**		
	Min	**Max**	**Min**	**Max**	**Conformance**
Mud Weight, ppg	8.8	9.5	8.8	9.5	Yes
PV, cp	ALAP		18	22	Yes
YP, lbs/100 ft^2	25	30	28	36	Mostly
6 rpm, lbs/100 ft^2	12	16	11	13	Mostly
pH	8.5	9.5	8.5	9.5	Yes
KCL, wt%	6	8	7	7.3	Yes
API WL, mL/30 min		6	3.8	5.5	Yes
HPHT, 250°F, 500 psi differential		12	9.2	10	Yes
Excess PHPA	2	3	1	1.6	No

Explanation of Non-Conformance

- Greater than planned quantities of BARAZAN D PLUS were required to keep the 6rpm rheology within specifications. This resulted in elevated YP readings which in effect promoted more effective hole cleaning with any negative impact on ECD's.
- PHPA (EZ-MUD) additions were difficult to maintain as this would result in blocked mixing hoppers. PHPA was eventually omitted from further mixing. For future applications EZ-MUD LIQUID will be used in place of the dry powder type used on PeeJay-1.

Maintenance

- There was some evidence of cement contamination after displacement – the mud was first treated with citric acid to lower the pH and soda ash was then added to precipitate out the Ca++ ions and subsequently allowing the pH to increase.
- The KCL used was in the form of brine shipped out to the rig. This brine was prepared having a KCL content of 20%bw. All premixes prepared contained an equivalent concentration of 8-10%bw KCL.
- The initial makeup contained no EZ-MUD or CLAYSEAL PLUS. This was added only after drilling out the casing shoe, once pH and Ca++ levels had minimized to a normal level. In so doing preventing a threat of cement contamination from adversely affecting these products.
- Ongoing rheological maintenance using BARAZAN D PLUS was necessary to maintain required low-end rheologies (6rpm readings) of 10-12. This was not easy because the resultant YP exceeded programme requirements at times exceeding 40lbs/100sqft.
- For clay and wellbore protection, EZ-MUD was maintained at 1.2ppb while CLAYSEAL PLUS was maintained at 2%v/v concentration.
- It appeared that EZ-MUD DP was causing hopper blockages due to the gelling effect above the venturi.
- BARABLOK, an asphaltic agent, was added to the initial makeup and retained throughout the well. This was used as a bridging agent to protect and to prevent instability of the exposed drilled Coal sequences. HME Energiser was added to promote water wetting and dispersing of the BARABLOK.
- At the base of the Lower Eastern View Group mud temperatures became elevated with flowline temperatures exceeding 70°C. Drill water was then added to the flowline using a hose to maintain water phase lost to evaporation.

Solids Control Equipment

- The 4 VSM 300 shakers were dressed with API 50 mesh screens, for the initial displacement of un-sheared KCL/Polymer mud. Circulating rates were +/- 1200gpm. Shortly after displacement the screens were replaced with a combination of API 120 mesh and API 140 mesh screens. These sizes managed the ROP rates of 60m/hr through the soft-medium claystones of the Torquay Group and Demons Bluff formations.
- However this was short lived as the massive sands in the Upper Eastern View Group caused significant blinding to all screen sizes, copious mud losses were experienced even when the shakers were fitted with API 50 mesh screens.
- The centrifuges were not utilized as the client did not request centrifuge operators for this well.
- The scalper screens were initially fitted with 10 mesh but to assist with sand removal while drilling the Eastern View Group all scalpers were changed to finer 20 mesh.
- Towards the base of the Middle Eastern View Group the ROP slowed significantly allowing finer screens of API 120 mesh to be re-fitted.

4.4 EVALUATION

Comments

There were no mud related issues that required to be addressed. We will need to keep extra vigilance on shaker losses on any further offset wells as the sand intervals are extremely thick and the well sorted grain size of the Upper Eastern View Group seem prone to plug every screen size.

Problems, Causes, Remedial Action Taken or Recommended

Hole Conditions

1) Problem: Overgauge hole
   Cause: It would appear there was some indication of sloughing hole on occasions but insufficient evidence as to the cause of hole enlargement
   Action: None taken but additional volume and chemicals was required to maintain the additional hole capacity

Drilling Fluid Maintenance

1) Problem: To prevent breakdown of products susceptible to chemical contamination
   Cause: Cement contamination while drilling casing shoe causing both elevated alkalinity and Ca++ ion levels
   Action: EZ-MUD and CLAYSEAL PLUS was eliminated from the initial makeup recipe. These products were added only once the threat of cement contamination had been cleared

2) Problem: Potential for mud dehydration
   Cause: Elevated flowline temperature exceeding 70°C, high evaporation causing dropping water phase
   Action: Small stream of drillwater was added just after the shakers into the flowline varying between 4-7bbl/hr depending on flowline temperature

Solids Control and Mud Mixing Equipment

1) Problem Plugging of mixing hoppers
   Cause Gel lumps forming above venturi caused by PHPA powder (EZ-MUD DP)
   Action Eliminated PHPA powder from all mixing – use liquid type in future.

2) Problem Mud losses due to blinding of shaker screens
   Cause Massive sand sequence in the Upper Eastern View Group
   Action Fitted most coarse screen size (API 50 mesh) but without success. Reduced the pump rate and ROP with limited success. Had to mostly continue with losses.

3) Problem Buildup of sand and LGS
   Cause Coarse shaker screens used to minimize mud losses caused by blinding
   Action None taken as there were no centrifuge hands available to run the centrifuge units. They were not requested for this well.

4.4 RECOMMENDATIONS FOR IMPROVEMENT

Drilling Fluid

- The mud weight was allowed to 'drift up' to 9.5ppg by 1200m, through incorporation of drilled LGS. Fortunately this did not occur and the MW had to be raised using Barite only. This practice of allowing MW to increase using drilled solids should be avoided altogether as this can be detrimental to overall mud condition.

- The use of powder PHPA (EZ-MUD DP) should be avoided on this rig due to integrity of the hopper system. In future the use on liquid PHPA instead will be more suitable and practical.

Solids Control and Mud Mixing Equipment

- The use of liquid PHPA in place of the powder form has been addressed in the previous comments. Once again for practical reasons the liquid PHPA is more suitable than the powder form.

- The coarse shaker screens, API 50 mesh, used to control the losses while drilling the Eastern View Group sands were effective in managing these losses. However the screens alone cannot be accountable for losses, there has to be a trade off with controlling the drilling rate and manageable pump rates.

Other issues

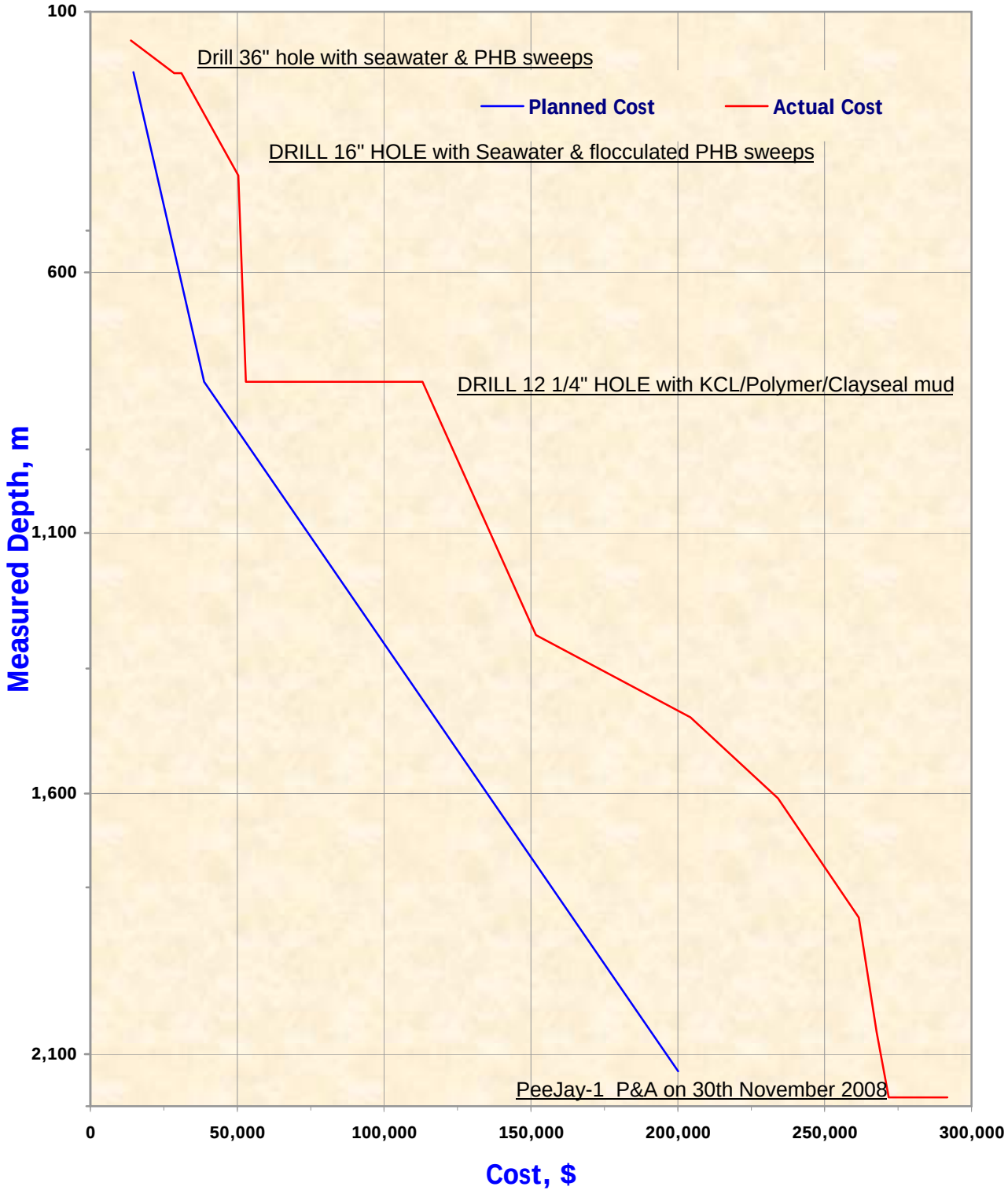
- None.

5 Plug and Abandon

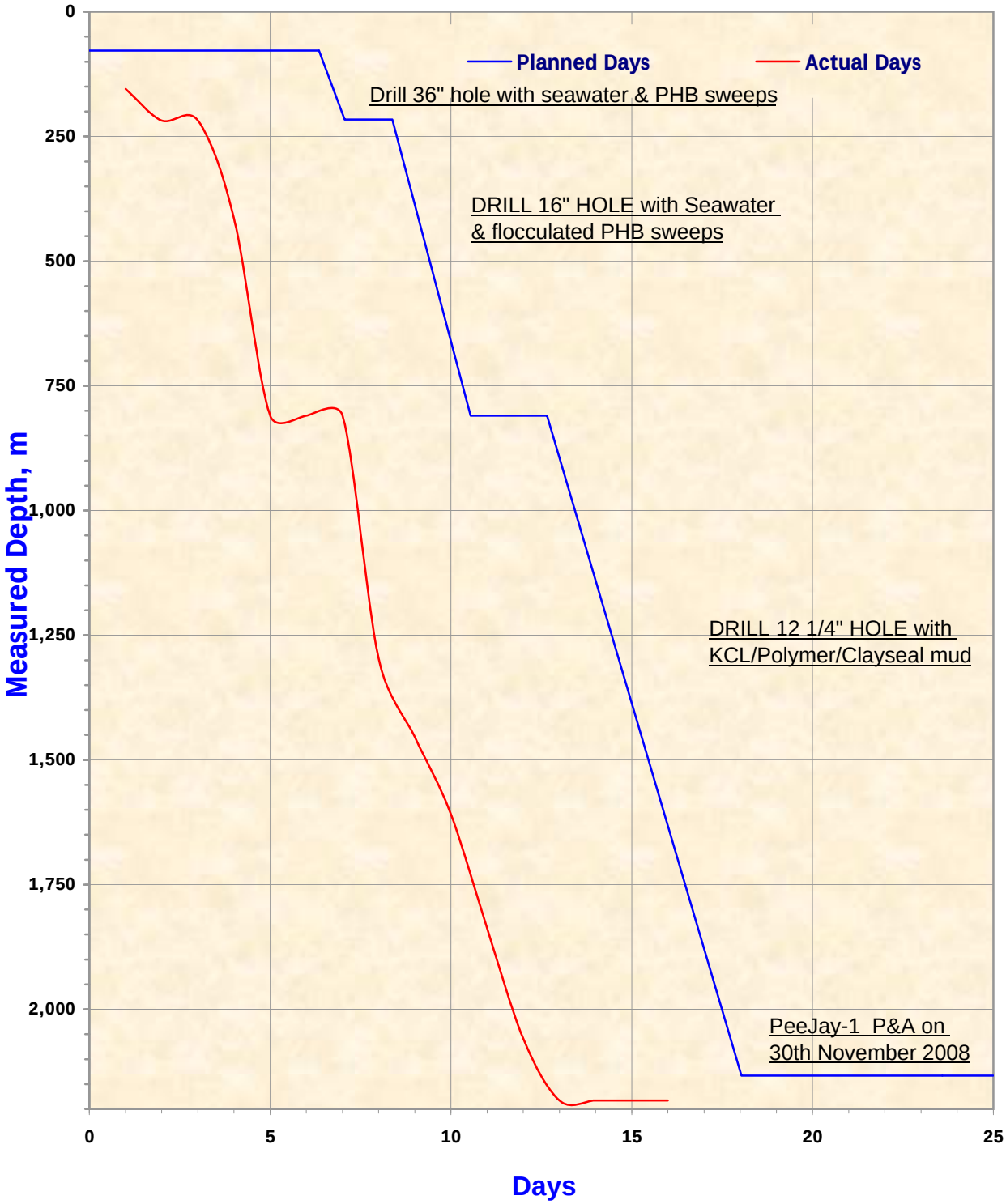
The hole was plugged back by setting cement plugs at: 1360m – 1230m and at 834m – 704m, Hi-vis pills were spotted below the cement plugs to offer support while the cement was hardening. This was followed by the casing retrieval and abandonment program. The system was pretreated against cement contamination, using citric acid, to ensure optimum mud condition for successful plug placement.

GRAPHS

Cost vs Depth



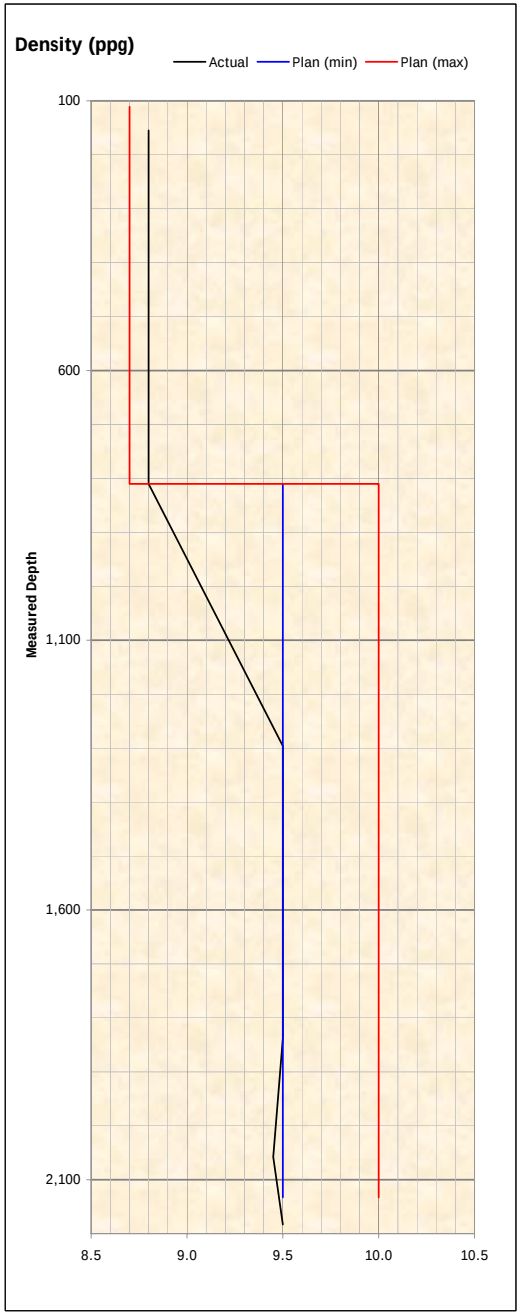
Days vs Depth

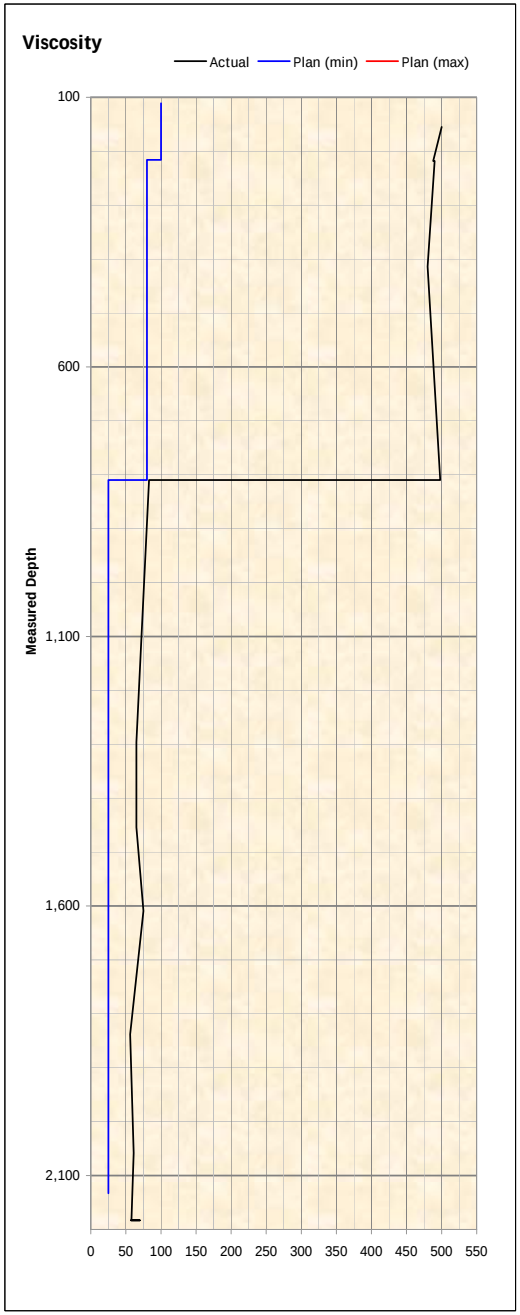


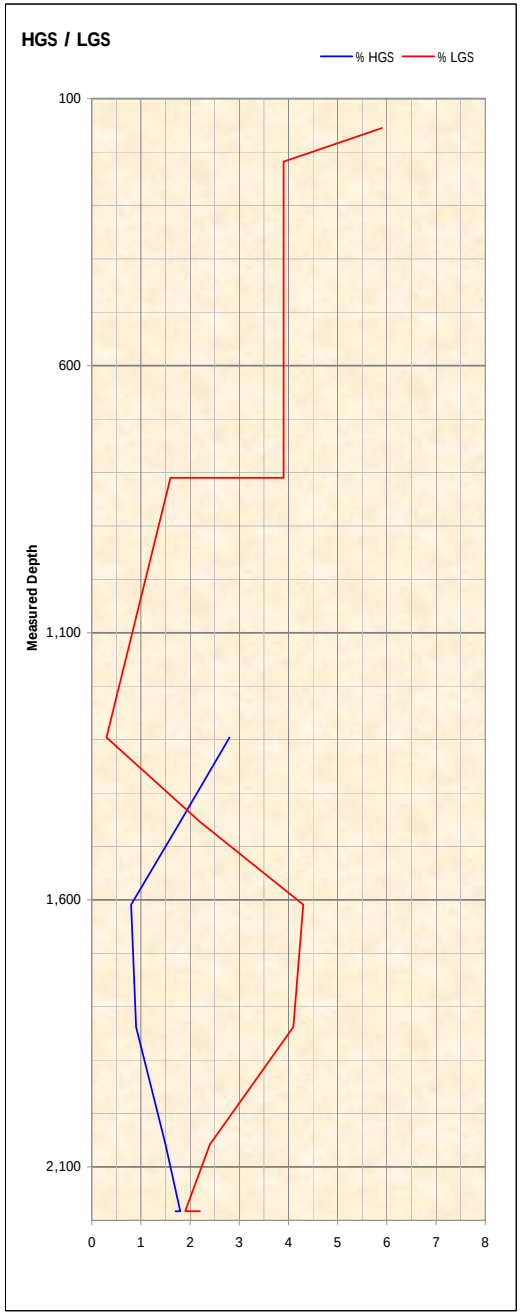
BEACH PETROLEUM

PEEJAY - 1

49o 29’ 47.994”S Lat X 146o 21’ 35.276”E Long







HALLIBURTON
Fluid Systems

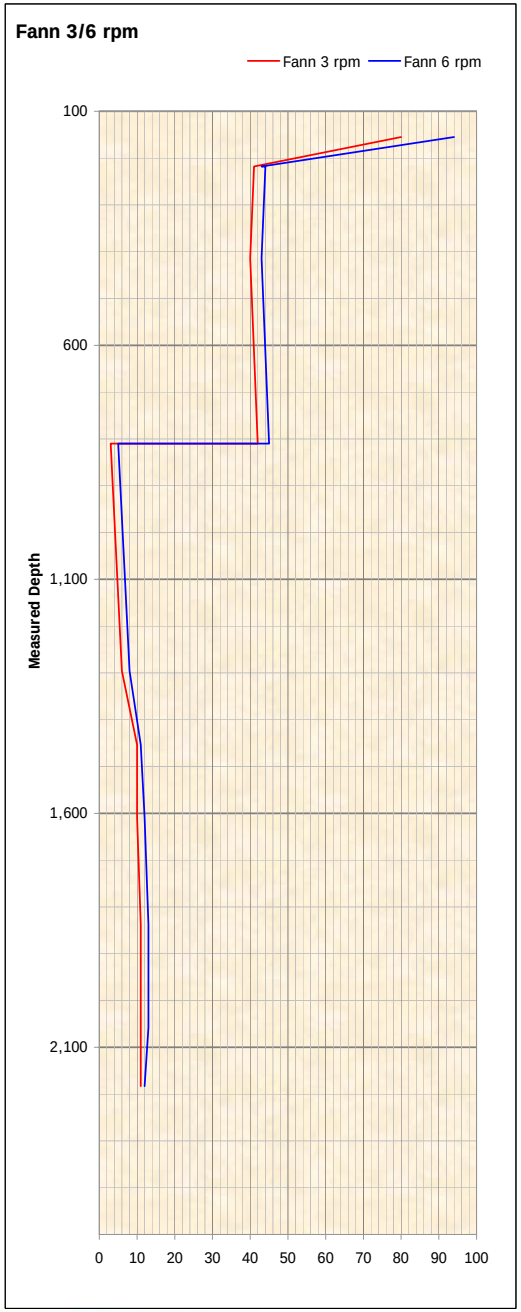
Physical Properties

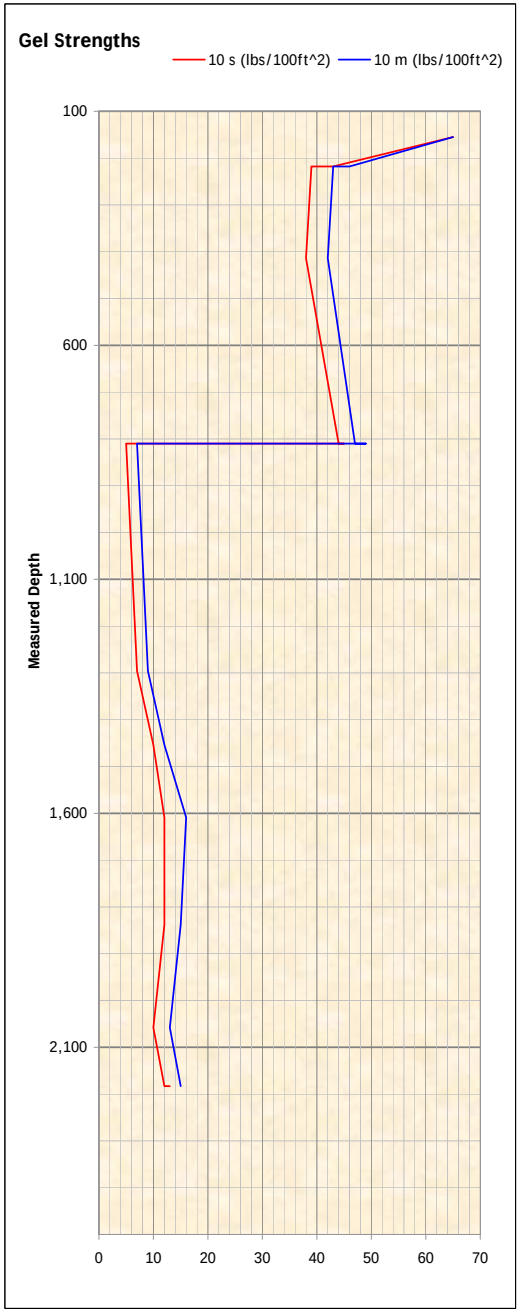
Baroid Fluid Services

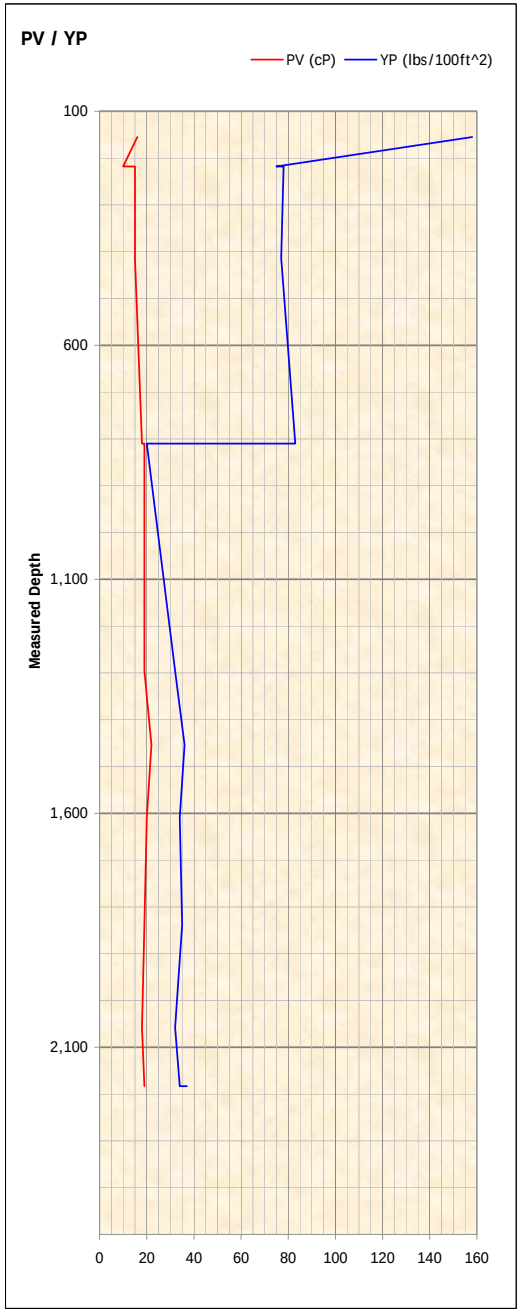
BEACH PETROLEUM

PEEJAY - 1

49o 29’ 47.994”S Lat X 146o 21’ 35.276”E Long







HALLIBURTON
Fluid Systems

Physical Properties

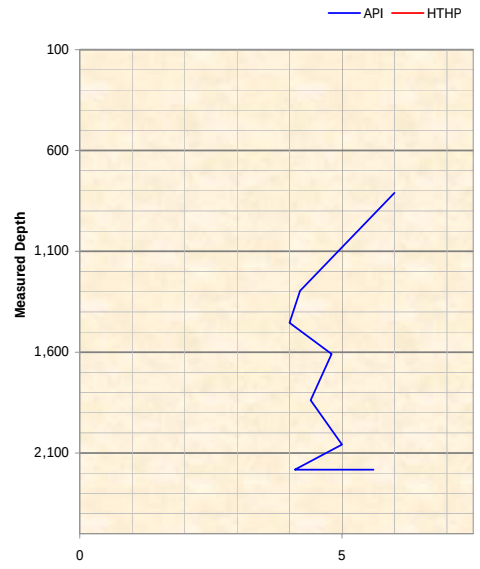
Baroid Fluid Services

BEACH PETROLEUM

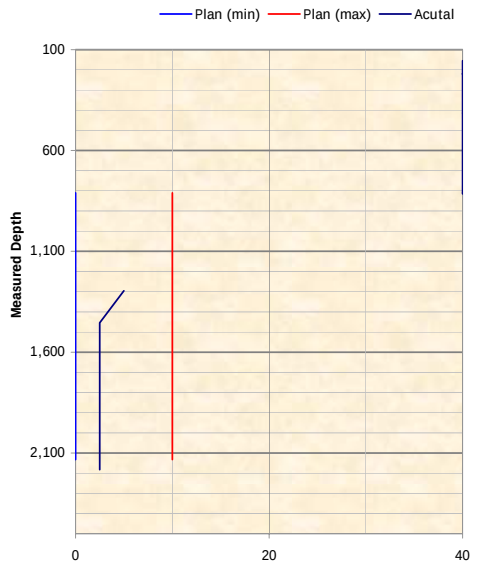
PEEJAY - 1

49o 29’ 47.994”S Lat X 146o 21’ 35.276”E Long

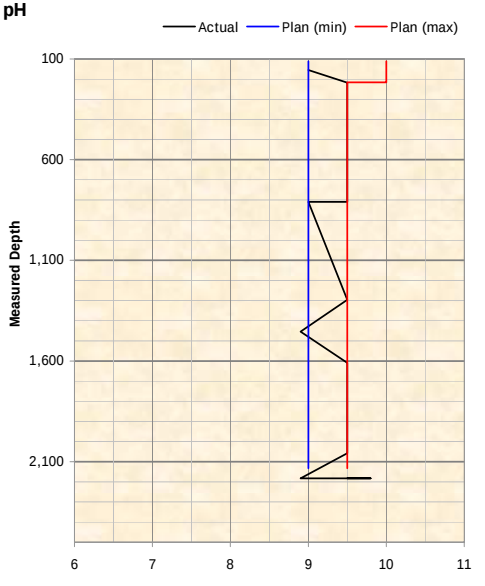
Filtrate Loss



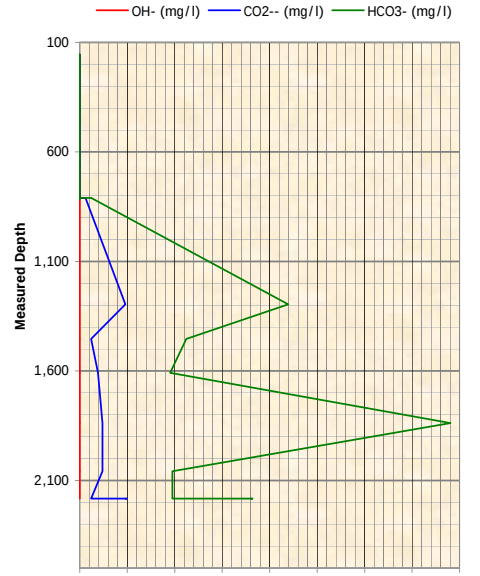
MBT



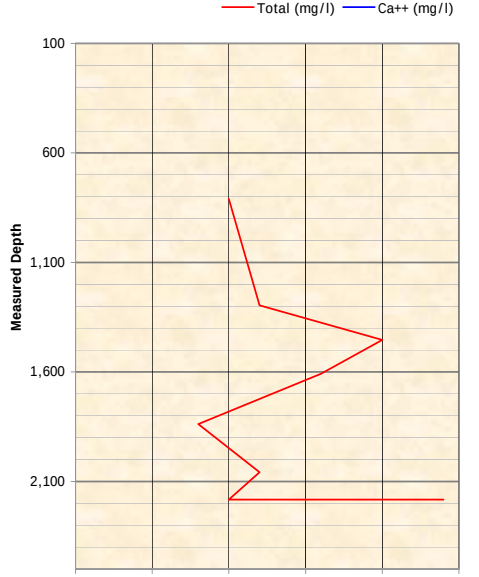
pH



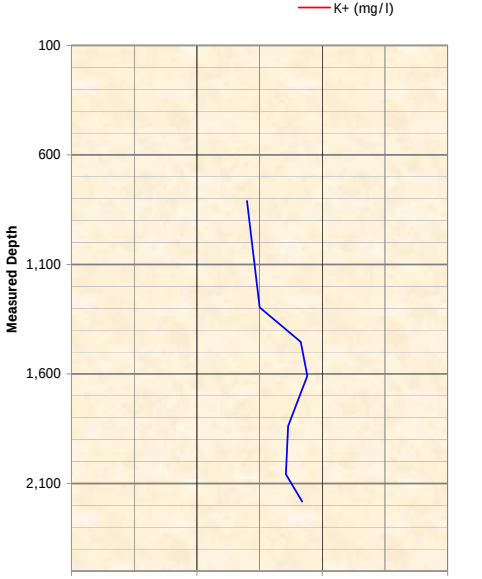
Alkalinity



Hardness



Potassium Ion



HALLIBURTON
Fluid Systems

WBM Properties

Baroid Fluid Services

POSTWELL AUDIT

Baroid Fluid Services

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Well Summary Report

Well Data

Spud Date		11/15/2008	Actual Well Fluid Cost	$	246,799.45
TD Date		11/27/2008	Fluids/Products: Drilling Cost	$	246,799.45
Project			Fluids/Products: Completion Cost	$	0.00
Days on Well		16	Solids Control/Waste Management Cost	$	0.00
From Date		11/15/2008	Fluids/Products: Cementing Cost	$	0.00
To Date		11/30/2008	Prod Lost/Damaged Cost	$	0.00
Drilling Days		10	Engineer Services Cost	$	43,750.00
Rotating / Drilling Hours		145.5/144.0	Equipment Cost	$	0.00
Average ROP	m/hr	14.1	Transport/Packaging	$	0.00
Maximum Density	ppg	9.50	Other Cost	$	0.00
Total Measured Depth	m	2,183	Total Well Cost	$	290,549.45
True Vertical Depth	m	2,182	Planned Cost	$	200,107.52
Distance Drilled	m	2,028	Fluid Cost Per Fluid Volume (only charged to Fluid Sets)	$/bbl	24.01
Maximum Deviation	deg	0.77	Fluid Cost Per Length Drilled (only charged to Fluid Sets)	$/m	121.70
Max. Horz. Displacement	m	7	Fluid Cost/Vol of Hole Drilled (only charged to Fluid Sets)	$/bbl	176.30
Bottom Hole Temp	Deg C	77	Total Additions/Hole Drilled	bbl/bbl	7.342
Shelf Water Depth	m	255.9055023	Total Additions/Length Drilled	bbl/m	5.068

Casing Design

Description	Set Date & Time	Top MD m	Top TVD m	End MD m	End TVD m	CSG OD in	CSG ID in	Max. Hole Size in	Hole MD m	Hole TVD m
30 X-52 309.7	11/17/2008 13:00	20	20	218	218	30.000	28.000	36.000	218	218
13.375 N-80 68.0	11/20/2008 10:15	20	20	810	810	13.375	12.415	16.000	810	810

Fluid Program

Int #	Fluid Type	Interval Days	BHT Deg C	Max. Dens ppg	Whole fluid + Mix products	Other material charges	Other charges	Total Interval Cost $		
								Plan	Actual	Variance
1	Bentonite Mud	3		8.80	17,260.75		13,750.00	14,671.47	31,010.75	16,339.28
2	Bentonite Mud	3		8.80	16,906.80		7,500.00	24,048.72	24,406.80	358.08
3	KCl/Polymer	10	77	9.50	212,631.90		22,500.00	161,387.33	235,131.90	73,744.57
Total Well Cost $					**246,799.45**		**43,750.00**	**200,107.52**	**290,549.45**	**90,441.93**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	ADA/BEACH PETROLEUM

Total Cost Breakdown

	Unit Size	Quantity	Total Cost
Engineering/Services			
Drilling Fluids Engineer	day(s)	17.00	21,250.00
Drilling Fluids Engineer 2	day(s)	18.00	22,500.00
		SubTotal	**$ 43,750.00**
Fluids/Products: Drilling Cost			
ALDACIDE G	5 gal can	29.00	2,027.10
BARABLOK	50 lb bag	250.00	7,597.50
BARAZAN D PLUS	25 kg bag	167.00	25,424.08
barite	1000 kg bulk	42.000	19,944.96
bentonite	1000 kg bulk	67.000	33,156.96
caustic soda	25 kg pail	20.00	883.80
citric acid	25 kg bag	30.00	1,387.20
CLAYSEAL PLUS	216 kg drum	69.00	66,008.16
DEXTRID LTE	25 kg sack	347.00	14,074.32
EZ-MUD DP	25 kg bag	63.00	5,407.29
Hme Energizer	5 gal can	22.00	2,649.90
KCL Tech Grade (bulk)	1000 kg bulk	65.600	49,265.60
lime	25 kg bag	16.00	104.80
PAC-L	25 kg bag	200.00	16,374.00
potassium hydroxide	25 kg bag	36.00	1,619.28
soda ash	25 kg bag	66.00	874.50
		SubTotal	**$ 246,799.45**
		Total Well Cost:	**$ 290,549.45**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Summary

Interval # 1	**Max Bit Size: 36.000 in**	**Hole Size Avg/Max**	**36.000 / 36.000 in**

Interval Start Date		11/15/2008	Planned Cost	$	14,671.47
Interval End Date		11/17/2008	Total Interval Cost	$	31,010.75
Interval TD Date		11/16/2008	Program Variance	$	16,339.28
Drilling Days		2.00	Other material charges		
Rotating/Hours		6.50 / 5.00	Total Fluids Cost	$	17,260.75
Interval Top MD/TVD	m	155.0 / 155.0	Total Charges Cost	$	13,750.00
Interval End MD/TVD	m	218.0 / 218.0	Total Cementing Cost	$	0.00
Footage	m	63.0	Fluid Cost Per Vol Unit	$/bbl	6.19
Average ROP	m/hr	12.6	Fluid Cost/Hole Drilled	$/m	273.98
Max Hole Angle	degrees	0.00	Fluid Cost/Vol Drilled	$/bbl	66.33
Casing Size	in	30.000	Fluid Built	bbl	2,387.5
Casing Shoe MD	m	218.0	Total Additions/Vol Drilled	bbl/bbl	10.71
Casing Length	m	198.0	Total Additions/Hole Drilled	bbl/m	44.25
Bottom Hole Temp			Fluid Loss/Vol Drilled	bbl/bbl	4.92
Max Fluid Density	ppg	8.80	Fluid Loss/Hole Drilled	bbl/m	20.31

Interval Product and Base Fluids Usage and Cost

Product Function / Name	Drilling Fluid	Packaging	Quantity Used	Product Cost
Viscosifier/Suspension Agent				
bentonite	AQUAGEL Mud	1000 kg bulk	34.000	16,825.92
			Total	**$ 16,825.92**
Alkalinity Control				
caustic soda	AQUAGEL Mud	25 kg pail	7.000	309.33
lime	AQUAGEL Mud	25 kg bag	5.000	32.75
soda ash	AQUAGEL Mud	25 kg bag	7.000	92.75
			Total	**$ 434.83**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Summary

Interval # 2	**Max Bit Size: 16.000 in**	**Hole Size Avg/Max**	**16.000 / 16.000 in**

Interval Start Date		11/18/2008	Planned Cost	$	24,048.72
Interval End Date		11/20/2008	Total Interval Cost	$	24,406.80
Interval TD Date		11/19/2008	Program Variance	$	358.08
Drilling Days		2.00	Other material charges		
Rotating/Hours		27.50 / 27.50	Total Fluids Cost	$	16,906.80
Interval Top MD/TVD	m	218.0 / 218.0	Total Charges Cost	$	7,500.00
Interval End MD/TVD	m	810.0 / 810.0	Total Cementing Cost	$	0.00
Footage	m	592.0	Fluid Cost Per Vol Unit	$/bbl	3.70
Average ROP	m/hr	21.5	Fluid Cost/Hole Drilled	$/m	28.56
Max Hole Angle	degrees	0.00	Fluid Cost/Vol Drilled	$/bbl	35.00
Casing Size	in	13.375	Fluid Built	bbl	3,067.1
Casing Shoe MD	m	810.0	Total Additions/Vol Drilled	bbl/bbl	9.47
Casing Length	m	790.0	Total Additions/Hole Drilled	bbl/m	7.73
Bottom Hole Temp			Fluid Loss/Vol Drilled	bbl/bbl	8.64
Max Fluid Density	ppg	8.80	Fluid Loss/Hole Drilled	bbl/m	7.05

Interval Product and Base Fluids Usage and Cost

Product Function / Name	Drilling Fluid	Packaging	Quantity Used	Product Cost
Viscosifier/Suspension Agent				
bentonite	AQUAGEL Mud	1000 kg bulk	33.000	16,331.04
			Total	**$ 16,331.04**
Alkalinity Control				
caustic soda	AQUAGEL Mud	25 kg pail	9.000	397.71
lime	AQUAGEL Mud	25 kg bag	11.000	72.05
soda ash	AQUAGEL Mud	25 kg bag	8.000	106.00
			Total	**$ 575.76**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Summary

Interval # 3	**Max Bit Size: 12.250 in**	**Hole Size Avg/Max**	**12.250 / 12.250 in**

Interval Start Date		11/21/2008	Planned Cost	$	161,387.33
Interval End Date		11/30/2008	Total Interval Cost	$	235,131.90
Interval TD Date		11/27/2008	Program Variance	$	73,744.57
Drilling Days		6.00	Other material charges		
Rotating/Hours		111.50 / 111.50	Total Fluids Cost	$	212,631.90
Interval Top MD/TVD	m	810.0 / 810.0	Total Charges Cost	$	22,500.00
Interval End MD/TVD	m	2,183.0 / 2,182.5	Total Cementing Cost	$	0.00
Footage	m	1,373.0	Fluid Cost Per Vol Unit	$/bbl	48.06
Average ROP	m/hr	12.3	Fluid Cost/Hole Drilled	$/m	154.87
Max Hole Angle	degrees	0.77	Fluid Cost/Vol Drilled	$/bbl	323.81
Casing Size	in	13.375	Fluid Built	bbl	4,424.0
Casing Shoe MD	m	810.0	Total Additions/Vol Drilled	bbl/bbl	6.74
Casing Length	m	790.0	Total Additions/Hole Drilled	bbl/m	3.22
Bottom Hole Temp	Deg C	77	Fluid Loss/Vol Drilled	bbl/bbl	3.92
Max Fluid Density	ppg	9.50	Fluid Loss/Hole Drilled	bbl/m	1.88

Interval Product and Base Fluids Usage and Cost

Product Function / Name	Drilling Fluid	Packaging	Quantity Used	Product Cost
Bactericides				
ALDACIDE G	KCl/Polymer	5 gal can	29.000	2,027.10
			Total	**$ 2,027.10**
Filtration Control				
BARABLOK	KCl/Polymer	50 lb bag	250.000	7,597.50
DEXTRID LTE	KCl/Polymer	25 kg sack	347.000	14,074.32
PAC-L	KCl/Polymer	25 kg bag	200.000	16,374.00
			Total	**$ 38,045.82**
Weighting Material				
barite	KCl/Polymer	1000 kg bulk	42.000	19,944.96
			Total	**$ 19,944.96**
Viscosifier/Suspension Agent				
BARAZAN D PLUS	KCl/Polymer	25 kg bag	167.000	25,424.08
			Total	**$ 25,424.08**
Alkalinity Control				
caustic soda	KCl/Polymer	25 kg pail	4.000	176.76
citric acid	KCl/Polymer	25 kg bag	30.000	1,387.20
potassium hydroxide	KCl/Polymer	25 kg bag	36.000	1,619.28
soda ash	KCl/Polymer	25 kg bag	51.000	675.75
			Total	**$ 3,858.99**
Shale Control				
EZ-MUD DP	KCl/Polymer	25 kg bag	63.000	5,407.29
KCL Tech Grade (bulk)	KCl/Polymer	1000 kg bulk	65.600	49,265.60
CLAYSEAL PLUS	KCl/Polymer	216 kg drum	69.000	66,008.16
			Total	**$ 120,681.05**
Detergent/Surfactanct				
Hme Energizer	KCl/Polymer	5 gal can	22.000	2,649.90
			Total	**$ 2,649.90**

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval Cost Breakdown

Interval # 01		From Date	11/15/2008	Top of Interval	155.0 m
Max. Hole Size / Bit Size	36.000 / 36.000 in	To Date	11/17/2008	Bottom of Interval	218.0 m

Material	Unit Size	Quantity		Total Cost
Engineering/Services				
Drilling Fluids Engineer	day(s)	5.00		6250.00
Drilling Fluids Engineer 2	day(s)	6.00		7500.00
		SubTotal	**$**	**13,750.00**
Fluids/Products: Drilling Cost				
bentonite	1000 kg bulk	34.000		16825.92
caustic soda	25 kg pail	7.00		309.33
lime	25 kg bag	5.00		32.75
soda ash	25 kg bag	7.00		92.75
		SubTotal	**$**	**17,260.75**
		Interval Total Cost	**$**	**31,010.75**
	Charged To/From Other Interval		**$**	
	Net Description Total Cost		**$**	**31,010.75**
	Programmed Cost		**$**	**14,671.47**
	Program Variance		**$**	**16,339.28**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Cost Breakdown

Interval # 02		**From Date**	**11/18/2008**	**Top of Interval**	**218.0 m**
Max. Hole Size / Bit Size	**16.000 / 16.000 in**	**To Date**	**11/20/2008**	**Bottom of Interval**	**810.0 m**

Material	Unit Size	Quantity	Total Cost
Engineering/Services			
Drilling Fluids Engineer	day(s)	3.00	3750.00
Drilling Fluids Engineer 2	day(s)	3.00	3750.00
		SubTotal	**$ 7,500.00**
Fluids/Products: Drilling Cost			
bentonite	1000 kg bulk	33.000	16331.04
caustic soda	25 kg pail	9.00	397.71
lime	25 kg bag	11.00	72.05
soda ash	25 kg bag	8.00	106.00
		SubTotal	**$ 16,906.80**
		Interval Total Cost	**$ 24,406.80**
	Charged To/From Other Interval		**$**
	Net Description Total Cost		**$ 24,406.80**
	Programmed Cost		**$ 24,048.72**
	Program Variance		**$ 358.08**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Cost Breakdown

Interval # 03		**From Date**	**11/21/2008**	**Top of Interval**	**810.0 m**
Max. Hole Size / Bit Size	**12.250 / 12.250 in**	**To Date**	**11/30/2008**	**Bottom of Interval**	**2,183.0 m**

Material	Unit Size	Quantity		Total Cost
Engineering/Services				
Drilling Fluids Engineer	day(s)	9.00		11250.00
Drilling Fluids Engineer 2	day(s)	9.00		11250.00
		SubTotal	**$**	**22,500.00**
Fluids/Products: Drilling Cost				
ALDACIDE G	5 gal can	29.00		2027.10
BARABLOK	50 lb bag	250.00		7597.50
BARAZAN D PLUS	25 kg bag	167.00		25424.08
barite	1000 kg bulk	42.000		19944.96
caustic soda	25 kg pail	4.00		176.76
citric acid	25 kg bag	30.00		1387.20
CLAYSEAL PLUS	216 kg drum	69.00		66008.16
DEXTRID LTE	25 kg sack	347.00		14074.32
EZ-MUD DP	25 kg bag	63.00		5407.29
Hme Energizer	5 gal can	22.00		2649.90
KCL Tech Grade (bulk)	1000 kg bulk	65.600		49265.60
PAC-L	25 kg bag	200.00		16374.00
potassium hydroxide	25 kg bag	36.00		1619.28
soda ash	25 kg bag	51.00		675.75
		SubTotal	**$**	**212,631.90**
		Interval Total Cost	**$**	**235,131.90**
	Charged To/From Other Interval		**$**	
	Net Description Total Cost		**$**	**235,131.90**
	Programmed Cost		**$**	**161,387.33**
	Program Variance		**$**	**73,744.57**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Inventory Report

Interval # 01		**From Date**	**11/15/2008**	**Top of Interval**		**155.0 m**	
Max. Hole Size / Bit Size	**36.000 / 36.000 in**	**To Date**	**11/17/2008**	**Bottom of Interval**		**218.0 m**	
Product Name	**Units**	**Starting**	**Received**	**Used**	**Returned**	**Ending**	**Weight lb**
ALDACIDE G	5 gal can		32.0			32.0	1,467.84
BARABLOK	50 lb bag		100.0			100.0	5,000.00
BARA-DEFOAM W300	5 gal can		16.0			16.0	585.80
BARAZAN D PLUS	25 kg bag		80.0			80.0	4,409.25
barite	1000 kg bulk		65.000			65.000	143,300.46
BAROFIBRE FINE	25 lb bag		100.0			100.0	2,500.00
bentonite	1000 kg bulk		106.000	34.000		72.000	158,732.82
caustic soda	25 kg pail		51.0	7.0		44.0	2,425.08
Circal 60/16	25 kg sack		31.0			31.0	1,708.58
Circal Y	25 kg sack		168.0			168.0	9,259.41
citric acid	25 kg bag		30.0			30.0	1,653.47
CLAYSEAL PLUS	216 kg drum		18.0			18.0	8,571.57
CON DET	55 gal drum		4.0			4.0	1,880.67
DEXTRID LTE	25 kg sack		96.0			96.0	5,291.09
EZ SPOT	55 gal drum		8.0			8.0	8,440.08
EZ-MUD DP	25 kg bag		90.0			90.0	4,960.40
guar gum	25 kg bag		34.0			34.0	1,873.93
Hme Energizer	5 gal can		32.0			32.0	1,227.65
KCL Tech Grade (bulk)	1000 kg bulk		12.000			12.000	26,455.47
Kwikseal Fine	40 lb bag		38.0			38.0	1,520.00
lime	25 kg bag		40.0	5.0		35.0	1,929.04
N-DRIL HT PLUS	50 lb bag		15.0			15.0	750.00
NO-SULF	17 kg pail		40.0			40.0	1,499.14
Omyacarb 5	25 kg bulk		96.000			96.000	5,291.09
OXYGON	6 gal pail		5.0			5.0	300.24
PAC-L	25 kg bag		39.0			39.0	2,149.51
potassium hydroxide	25 kg bag		36.0			36.0	1,984.16
soda ash	25 kg bag		40.0	7.0		33.0	1,818.81
STEELSEAL	25 kg sack		122.0			122.0	6,724.10
					Total Weight of Products in Stock lb		**413,709.69**
					Total Weight of Products in Stock, Metric Tons		**187.66**

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Inventory Report

Interval # 02		**From Date**	**11/18/2008**		**Top of Interval**		**218.0 m**	
Max. Hole Size / Bit Size	**16.000 / 16.000 in**	**To Date**	**11/20/2008**		**Bottom of Interval**		**810.0 m**	
Product Name	**Units**	**Starting**	**Received**	**Used**	**Returned**	**Ending**	**Weight lb**	
ALDACIDE G	5 gal can	32.0				32.0	1,467.84	
BARABLOK	50 lb bag	100.0	200.0			300.0	15,000.00	
BARA-DEFOAM W300	5 gal can	16.0				16.0	585.80	
BARAZAN D PLUS	25 kg bag	80.0	145.0			225.0	12,401.00	
barite	1000 kg bulk	65.000				65.000	143,300.46	
BAROFIBRE FINE	25 lb bag	100.0				100.0	2,500.00	
bentonite	1000 kg bulk	72.000	11.000	33.000		50.000	110,231.13	
caustic soda	25 kg pail	44.0		9.0		35.0	1,929.04	
Circal 60/16	25 kg sack	31.0	154.0			185.0	10,196.38	
Circal Y	25 kg sack	168.0				168.0	9,259.41	
citric acid	25 kg bag	30.0				30.0	1,653.47	
CLAYSEAL PLUS	216 kg drum	18.0				18.0	8,571.57	
CON DET	55 gal drum	4.0				4.0	1,880.67	
DEXTRID LTE	25 kg sack	96.0	216.0			312.0	17,196.06	
EZ SPOT	55 gal drum	8.0				8.0	8,440.08	
EZ-MUD DP	25 kg bag	90.0				90.0	4,960.40	
guar gum	25 kg bag	34.0				34.0	1,873.93	
Hme Energizer	5 gal can	32.0				32.0	1,227.65	
KCL Tech Grade (bulk)	1000 kg bulk	12.000	25.000			37.000	81,571.03	
Kwikseal Fine	40 lb bag	38.0				38.0	1,520.00	
lime	25 kg bag	35.0		11.0		24.0	1,322.77	
N-DRIL HT PLUS	50 lb bag	15.0				15.0	750.00	
NO-SULF	17 kg pail	40.0				40.0	1,499.14	
Omyacarb 5	25 kg bulk	96.000				96.000	5,291.09	
OXYGON	6 gal pail	5.0				5.0	300.24	
PAC-L	25 kg bag	39.0	144.0			183.0	10,086.15	
potassium hydroxide	25 kg bag	36.0				36.0	1,984.16	
soda ash	25 kg bag	33.0	48.0	8.0		73.0	4,023.44	
STEELSEAL	25 kg sack	122.0				122.0	6,724.10	
					Total Weight of Products in Stock lb		**467,747.02**	
					Total Weight of Products in Stock, Metric Tons		**212.17**	

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval Inventory Report

Interval # 03		**From Date**	**11/21/2008**		**Top of Interval**		**810.0 m**	
Max. Hole Size / Bit Size	**12.250 / 12.250 in**	**To Date**	**11/30/2008**		**Bottom of Interval**		**2,183.0 m**	
Product Name	**Units**	**Starting**	**Received**	**Used**	**Returned**	**Ending**	**Weight lb**	
ALDACIDE G	5 gal can	32.0	32.0	29.0		35.0	1,605.45	
BARABLOK	50 lb bag	300.0		250.0		50.0	2,500.00	
BARA-DEFOAM W300	5 gal can	16.0				16.0	585.80	
BARAZAN D PLUS	25 kg bag	225.0		167.0		58.0	3,196.70	
barite	1000 kg bulk	65.000	58.500	42.000		81.500	179,676.74	
BAROFIBRE FINE	25 lb bag	100.0				100.0	2,500.00	
bentonite	1000 kg bulk	50.000				50.000	110,231.13	
caustic soda	25 kg pail	35.0		4.0		31.0	1,708.58	
Circal 60/16	25 kg sack	185.0				185.0	10,196.38	
Circal Y	25 kg sack	168.0				168.0	9,259.41	
citric acid	25 kg bag	30.0		30.0				
CLAYSEAL PLUS	216 kg drum	18.0	64.0	69.0		13.0	6,190.58	
CON DET	55 gal drum	4.0				4.0	1,880.67	
DEXTRID LTE	25 kg sack	312.0	72.0	347.0		37.0	2,039.28	
EZ SPOT	55 gal drum	8.0	4.0			12.0	12,660.12	
EZ-MUD DP	25 kg bag	90.0		63.0		27.0	1,488.12	
guar gum	25 kg bag	34.0	60.0			94.0	5,180.86	
Hme Energizer	5 gal can	32.0	16.0	22.0		26.0	997.46	
KCL Tech Grade (bulk)	1000 kg bulk	37.000	75.000	65.600		46.400	102,294.49	
Kwikseal Fine	40 lb bag	38.0				38.0	1,520.00	
lime	25 kg bag	24.0				24.0	1,322.77	
N-DRIL HT PLUS	50 lb bag	15.0				15.0	750.00	
NO-SULF	17 kg pail	40.0				40.0	1,499.14	
Omyacarb 5	25 kg bulk	96.000				96.000	5,291.09	
OXYGON	6 gal pail	5.0				5.0	300.24	
PAC-L	25 kg bag	183.0	72.0	200.0		55.0	3,031.36	
potassium chloride	1000 kg bag		6.0			6.0	13,227.74	
potassium hydroxide	25 kg bag	36.0		36.0				
soda ash	25 kg bag	73.0		51.0		22.0	1,212.54	
STEELSEAL	25 kg sack	122.0				122.0	6,724.10	
					Total Weight of Products in Stock lb		**489,070.75**	
					Total Weight of Products in Stock, Metric Tons		**221.84**	

Company	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Volume Record Report

			Additions								Losses						Volumes			
Report No	Date	Initial Volume	Received	Mixed	Base	Water	Barite	Chemicals	Other	Daily Total	SCE	Downhole	Misc	Mixed	Returned	Daily Total	Hole Volume	Active Pit Volume	Reserve Volume	Final Volume
		bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl
Interval # 01																				
Fluid Name: Seawater																				
001	15/11/2008		400.0							400.0									400.0	400.0
Cumulative Volume			400.0							400.0										
Fluid Name: Bentonite Mud																				
001	15/11/2008					474.6		25.4		500.0			326.5			326.5	173.5			173.5
002	16/11/2008	173.5				1,826.0		61.5		1,887.5			953.0			953.0	428.0		680.0	1,108.0
Cumulative Volume						2,300.6		86.9		2,387.5			1,279.5			1,279.5				

Company	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Volume Record Report

			Additions								Losses						Volumes			
Report No	Date	Initial Volume bbl	Received bbl	Mixed bbl	Base bbl	Water bbl	Barite bbl	Chemicals bbl	Other bbl	Daily Total bbl	SCE bbl	Downhole bbl	Misc bbl	Mixed bbl	Returned bbl	Daily Total bbl	Hole Volume bbl	Active Pit Volume bbl	Reserve Volume bbl	Final Volume bbl
Interval # 02																				
Fluid Name:		**Seawater**																		
006	20/11/2008	400.0											400.0			400.0				
Cumulative Volume													400.0			400.0				
Fluid Name:		**Bentonite Mud**																		
004	18/11/2008	1,108.0				2,752.2		84.5		2,836.7			593.1			593.1	389.5		2,962.0	3,351.5
005	19/11/2008	3,351.5				230.0		0.5		230.5			1,604.2			1,604.2	977.8		1,000.0	1,977.8
006	20/11/2008	1,977.8											1,977.8			1,977.8				
Cumulative Volume						2,982.2		85.0		3,067.2			4,175.1			4,175.1				

Company	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Volume Record Report

			Additions								Losses						Volumes			
Report No	Date	Initial Volume	Received	Mixed	Base	Water	Barite	Chemicals	Other	Daily Total	SCE	Downhole	Misc	Mixed	Returned	Daily Total	Hole Volume	Active Pit Volume	Reserve Volume	Final Volume
		bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl	bbl
Interval # 03																				
Fluid Name:	**KCl/Polymer**																			
007	21/11/2008					2,196.2		197.8		2,394.0									2,394.0	2,394.0
008	22/11/2008	2,394.0					19.5	42.5		62.0	144.2		20.0			164.2	602.8	398.0	1,291.0	2,291.8
009	23/11/2008	2,291.8				510.0		118.3		628.3	585.6					585.6	671.3	461.1	1,202.0	2,334.4
010	24/11/2008	2,334.4				737.0		64.5		801.5	179.6		3.3			182.9	734.8	446.0	1,772.2	2,953.0
011	25/11/2008	2,953.0				420.0		62.3		482.3	626.1					626.1	834.2	400.0	1,575.0	2,809.2
012	26/11/2008	2,809.2					4.5	8.5		13.0	565.0		1.5			566.5	929.6	469.0	857.0	2,255.6
013	27/11/2008	2,255.6						1.4		1.4	185.4					185.4	1,045.6	490.0	536.0	2,071.6
014	28/11/2008	2,071.6					39.0	1.3		40.3	266.2					266.2	1,094.7	330.0	421.0	1,845.7
015	29/11/2008	1,845.7						1.0		1.0							1,094.7	331.0	421.0	1,846.7
Cumulative Volume						3,863.2	63.0	497.6		4,423.8	2,552.1		24.8			2,576.9				

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval Chemical Concentration

Interval # 01		From Report Date	11/15/2008	Top of Interval	155.0 m
Max. Hole Size / Bit Size	36.000 / 36.000 in	To Report Date	11/17/2008	Bottom of Interval	218.0 m

Fluid Name: Bentonite Mud

Material	Average ppb	Minimum ppb	Maximum ppb
bentonite	46.37	44.09	47.51
caustic soda	0.23	0.11	0.30
lime	0.25	0.25	0.25
soda ash	0.23	0.11	0.30

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval Chemical Concentration

Interval # 02		From Report Date	11/18/2008	Top of Interval	218.0 m
Max. Hole Size / Bit Size	16.000 / 16.000 in	To Report Date	11/20/2008	Bottom of Interval	810.0 m

Fluid Name: Bentonite Mud

Material	Average ppb	Minimum ppb	Maximum ppb
bentonite	29.92	28.99	31.79
caustic soda	0.19	0.19	0.20
lime	0.19	0.14	0.22
soda ash	0.18	0.18	0.20

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval Chemical Concentration

Interval # 03		From Report Date	11/21/2008	Top of Interval	810.0 m
Max. Hole Size / Bit Size	12.250 / 12.250 in	To Report Date	11/30/2008	Bottom of Interval	2,183.0 m

Fluid Name: KCl/Polymer

Material	Average ppb	Minimum ppb	Maximum ppb
ALDACIDE G	0.34	0.28	0.37
BARABLOK	3.67	3.41	4.18
BARAZAN D PLUS	2.19	1.27	2.64
barite	16.72	7.86	37.30
caustic soda	0.08	0.04	0.09
citric acid	0.27	0.15	0.71
CLAYSEAL PLUS	8.40	5.04	9.17
DEXTRID LTE	4.88	3.93	5.36
EZ-MUD DP	1.00	0.94	1.20
Hme Energizer	0.21	0.16	0.24
KCL Tech Grade (bulk)	36.98	28.72	40.69
PAC-L	2.69	1.91	3.09
potassium hydroxide	0.39	0.11	0.62
soda ash	0.64	0.23	0.79

Operator	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Property Recap : Water-Based Fluid

Date	Depth	FL Temp	Density	Funn Visc	Rheology 49 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	lbs/100 ft2				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness	ppb Eq.	% by vol	% by vol				600	300	200	100	6	3
	m	Deg C	ppg	sec/qt	cP	YP	10S	10M	30M	ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l			Corr Solid	LGS	NAP Base	Water						
Interval # 01										**From Date**				**11/15/2008**						**Top of Interval**			**155.0**		**m**						
Max. Hole Size / Bit Size	**36.000 / 36.000 in**									**To Date**				**11/17/2008**						**Bottom of Interval**			**218.0**		**m**						
11/15/2008	155		8.80	500	16	158	65	65							9.00						40.0		4.76	5.944		95	190.0	174.0	165.0	148.0	94.0	80.0
11/16/2008	218		8.80	488	10	75	43	46							9.50								3.76	3.937		96	95.0	85.0	73.0	65.0	43.0	41.0
11/17/2008	218		8.80	490	15	78	39	43							9.20						40.0		3.76	3.937		96	108.0	93.0	87.0	75.0	44.0	41.0
Interval # 02										**From Date**				**11/18/2008**						**Top of Interval**			**218.0**		**m**						
Max. Hole Size / Bit Size	**16.000 / 16.000 in**									**To Date**				**11/20/2008**						**Bottom of Interval**			**810.0**		**m**						
11/18/2008	218		8.80	465	13	74	30	35							9.50						40.0		3.76	3.937		96	100.0	87.0	79.0	68.0	42.0	40.0
11/18/2008	241		8.80	480	15	77	38	42							9.50						40.0		3.76	3.937		96	107.0	92.0	85.0	73.0	43.0	40.0
11/19/2008	795		8.80	498	18	83	44	47							9.50						40.0		3.76	3.937		96	119.0	101.0	89.0	75.0	45.0	42.0
Interval # 03										**From Date**				**11/21/2008**						**Top of Interval**			**810.0**		**m**						
Max. Hole Size / Bit Size	**12.250 / 12.250 in**									**To Date**				**11/30/2008**						**Bottom of Interval**			**2,183.0**		**m**						
11/22/2008	810		8.80	83	19	22	5	7	8	6.0		1			9.00	0.10	0.05	0.20	34,000	240	5.0		1.15	1.554		96	60.0	41.0	31.0	22.0	6.0	4.0
11/22/2008	910	37	8.80	50	17	23	5	7	8	5.5		1			9.10	0.55	0.25	1.70	37,000	840			0.9	1.283		96	57.0	40.0	33.0	23.0	8.0	7.0
11/22/2008	1,002	41	8.95	50	20	28	7	8	10	5.4		1			9.20	0.61	0.30	2.10	37,000	360	1.2		1.93	2.194		95	68.0	48.0	39.0	28.0	10.0	8.0
11/22/2008	1,209	44	9.50	65	19	32	7	9	11	4.2		1			9.50	0.72	0.40	2.60	35,000	240			3.13	0.287		94	70.0	51.0	41.0	29.0	8.0	6.0
11/23/2008	1,352	40	9.45	68	22	30	10	13	15	4.2		1			9.00	0.35	0.25	1.21	35,000	300	2.5	0.50	4.16	2.694		93	74.0	52.0	42.0	30.0	11.0	9.0
11/23/2008	1,450	42	9.50	64	22	34	10	12	16	3.8	9.8	1	2	120	8.90	0.25	0.10	1.10	36,000	400	2.5	1.25	4.08	2.232		93	78.0	56.0	47.0	35.0	11.0	10.0
11/23/2008	1,454		9.50	65	22	36	10	12	15	4.0		1		120	8.90	0.26	0.10	1.12	36,000	400	2.5	1.30	4.08	2.232		93	80.0	58.0	48.0	36.0	11.0	10.0
11/24/2008	1,454		9.50	68	22	36	10	12	15	4.0		1		120	9.00	0.25	0.10	1.10	35,000	400	2.5		4.16	2.319		93	80.0	58.0	48.0	36.0	11.0	9.0
11/24/2008	1,517	51	9.50	60	18	30	10	12	13	4.4	9.4	1	2	120	8.90	0.22	0.12	1.05	36,500	320	2.5	1.50	4.24	2.595		92.8	66.0	48.0	40.0	30.0	11.0	10.0
11/24/2008	1,590	48	9.50	75	20	34	12	16	18	4.8		1		120	9.50	0.30	0.16	1.10	36,000	320	2.5	1.80	5.11	4.266		92	74.0	54.0	45.0	34.0	12.0	10.0
11/25/2008	1,636	50	9.50	76	20	36	12	15	17	5.2		1		120	9.50	0.31	0.18	1.12	36,500	240	2.5	2.00	5.07	4.222		92	76.0	56.0	45.0	32.0	11.0	10.0
11/25/2008	1,678	54	9.50	58	16	31	11	15	17	4.6	10.0	1	2	120	8.90	0.28	0.18	3.50	37,500	200	2.5	1.25	4.47	3.117		92.5	63.0	47.0	39.0	30.0	12.0	10.0
11/25/2008	1,737	55	9.50	55	19	34	12	15	18	4.9		1		120	8.80	0.30	0.20	3.80	37,600	200	2.5	1.00	3.94	2.091		93	72.0	53.0	44.0	33.0	12.0	10.0
11/25/2008	1,818	62	9.50	56	19	35	12	15	17	4.4		1		120	9.50	0.30	0.20	3.60	38,100	160	2.5	0.80	4.93	4.082		92	73.0	54.0	45.0	34.0	13.0	11.0
11/26/2008	1,887	60	9.50	54	19	36	12	15	17	4.6		1		120	9.50	0.31	0.20	3.70	37,700	240	2.5	0.75	3.93	2.082		93	74.0	55.0	46.0	35.0	13.0	12.0

Operator	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Property Recap : Water-Based Fluid

Date	Depth	FL Temp	Density	Funn Visc	Rheology 49 Deg C					Filtration					Filtrate Analysis						MBT	Sand	Retort Analysis				Rheometer Dial Readings					
					PV	lbs/100 ft2				API	HTHP	Cake API	Cake HTHP	Temp	pH	Pm	Pf	Mf	Cl	Total Hardness	ppb Eq.	% by vol	% by vol				600	300	200	100	6	3
	m	Deg C	ppg	sec/qt	cP	YP	10S	10M	30M	ml/30 min	ml/30 min	32nd in		Deg C		ml	ml	ml	mg/l	mg/l			Corr Solid	LGS	NAP Base	Water						
11/26/2008	1,934	61	9.50	53	19	32	10	13	16	4.7	9.4	1	2	120	9.00	0.34	0.21	1.23	38,000	200	2.5	0.75	3.91	2.055		93	70.0	51.0	43.0	32.0	11.0	10.0
11/26/2008	1,980	63	9.50	51	18	31	10	12	14	4.8		1		120	9.00	0.31	0.20	1.21	38,500	200	2.5	0.75	3.87	2.011		93	67.0	49.0	41.0	31.0	12.0	10.0
11/26/2008	2,033	66	9.45	61	18	32	10	13	15	5.0		1		120	9.50	0.30	0.20	1.20	38,000	240	2.5	0.50	3.91	2.43		93	68.0	50.0	42.0	30.0	13.0	11.0
11/27/2008	2,080	70	9.50	55	18	31	10	13	15	4.4		1		120	9.00	0.30	0.20	1.18	40,500	240	2.5	0.50	3.8	2.036		92.9	67.0	49.0	41.0	31.0	12.0	10.0
11/27/2008	2,095	70	9.50	54	18	34	11	14	17	4.2	9.2	1	2	120	9.00	0.33	0.19	1.08	42,500	200	2.5	0.50	3.64	1.854		92.9	70.0	52.0	44.0	32.0	12.0	11.0
11/27/2008	2,179	71	9.50	55	19	35	12	15	18	4.1		1		120	8.90	0.31	0.11	1.01	42,500	200	2.5	0.50	3.64	1.854		92.9	73.0	54.0	45.0	33.0	12.0	11.0
11/27/2008	2,183		9.50	58	19	34	12	15	18	4.1		1		120	8.90	0.29	0.10	1.00	42,500	200	2.5	0.50	3.64	1.854		92.9	72.0	53.0	44.0	34.0	12.0	11.0
11/28/2008	2,183		9.50	61	18	35	12	14	18	4.1		1	2	120	8.80	0.28	0.18	1.00	42,500	200	2.5	0.50	3.64	1.854		92.9	71.0	53.0	45.0	33.0	12.0	11.0
11/28/2008	2,183		9.50	70	19	37	13	15	19	4.3		1		120	9.80	1.42	0.41	2.31	42,500	480	2.5	0.50	3.74	2.058		92.8	75.0	56.0	47.0	35.0	12.0	11.0

Company	**BEACH PETROLEUM**
Well Name	**PeeJay-1**
Contractor	**Seadrill**
Rig Name	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Fluid Program Exception Report

Report No	Date	Time	Depth m	Property Name	Unit System	Actual Value	Exception	Program Min	Program Max
006	11/20/2008	16:00	810	6 rpm	#N/A	#N/A	High	#N/A	#N/A
007	11/21/2008	11:30	810	Yield Point	lbs/100 ft2	21	Low	50	200
007	11/21/2008	11:30	810	Funnel Viscosity	sec/qt	85	Low	100	500
007	11/21/2008	22:00	810	Yield Point	lbs/100 ft2	20	Low	50	200
007	11/21/2008	22:00	810	Funnel Viscosity	sec/qt	83	Low	100	500
008	11/22/2008	2:30	810	Yield Point	lbs/100 ft2	22	Low	50	200
008	11/22/2008	2:30	810	Funnel Viscosity	sec/qt	83	Low	100	500

Operations Log Recap

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval	**01**		**From Date**	**001**	**Top of Interval**	**155.0**	**m**
Max. Hole Size / Bit Size	**36.000 / 36.000**	**in**	**To Date**	**003**	**Bottom of Interval**	**218.0**	**m**

For Report # 001 On 11/15/2008	**Operation at Depth 155.0 m**
Rig Activity	Held JSA review & skidded out rig to drilling position 25 feet. Made up 26" bit up to 36" hole opener & RIH with BHA to 94 metres. Tag sea bed at 104 metres & drill from 104 metres to 155 metres. Spot 200 bbl Hi Vis pill, POOH from 155 M to surface & rack back all BHA. Prepared to skid rig cantilever deck at report time.
Activity	Skid Rig Cantilever Deck
Fluid Treatment	Included in todays costs: Engineer #1, stndby 12-14 Nov (3 days) & Engineer #2, stndby 13-14 Nov (2 days). Prepared 500 bbls prehydrated bentonite at 40 ppb. Volume prepared was as per ADA request to drill 50 m surface hole. Pumped 75 bbl hi-vis sweep every single drilled. After 51 m drilled, pumped 200 bbl hi-vis sweep and displaced open hole to 200 bbls PHB. Unable to mix full amount of Spud Mud owing to pending jacking operations. KCL brine on hand: 365 bbls (58 m3)
For Report # 002 On 11/16/2008	**Operation at Depth 218.0 m**
Rig Activity	Skid Cantilever deck into TOW position and secure same. Jack rig up to 11.3 metres. MU 26 x 36 BHA, RIH from surface to 116 metres, reenter hole using ROV. Wash & Ream to bottom. Drill from 162m to 218m TD. Pump 200 bbl sweep & displace hole to PHB mud. POOH to surface & break out bit. Run 30" conductor to 33 metres.
Activity	Run casing and cement
Fluid Treatment	KCL brine on hand: 365 bbls (58 m3). Prepared more prehydrated bentonite at 40 ppb. Cut back to 25 ppb concentration in adjacent pits using 38% seawater. Added lime to flocculate prior to pumping sweeps and displacement. Pumped 75 bbl hi-vis sweeps every 10 m. At TD pumped 200 bbl hi-vis sweep and displaced open hole to 500 bbls hi-vis PHB. Preparing PHB for next interval, respective volumes and costs will be charged off on next report. Received 46 MT bentonite + 39 MT barite from Pacific Battler.
For Report # 003 On 11/17/2008	**Operation at Depth 218.0 m**
Rig Activity	Continue to run 30" conductor from 33 m to 215 m. Cut 30" conductor 2 metres above icon clamp. Rig down weatherford casing equipment. Line up for cement job , pump seawater spacer, no returns at sea bed. Perform revised cement job. Pump 78 bbls of 15.9 ppg cement slurry & displace with 13 bbls seawater. POOH with cement stinger assembly and rack back in derrick.
Activity	Run casing and cement
Fluid Treatment	KCL brine on hand: 365 bbls (58 m3). Recorded on inventory in 1000 kg bags equivalent (1 bag ~ 30 bbls). Prepared further 2000 bbls prehydrated bentonite at 40 ppb + 1500 bbl sweeps at 25 ppb. These volumes + costs will be charged off on next report as today being final report for 36" hole. Receiving KCL brine from Battler in progress. Received 20 MT bentonite from Valkyrie. Receiving chemicals from Valkyrie in progress. Carry out shaker screen inventory check

Operations Log Recap

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval	**02**		**From Date**	**004**	**Top of Interval**	**218.0**	**m**
Max. Hole Size / Bit Size	**16.000 / 16.000**	**in**	**To Date**	**006**	**Bottom of Interval**	**810.0**	**m**

For Report # 004 On 11/18/2008	**Operation at Depth 414.0 m**
Rig Activity	Pick up 60 joints 5 1/2" drill pipe and rack back in Derrick. Make up 16"bit , MWD tools, RIH to 213 metres. Establish parameters flow rate 600 - 1200 gpm. Tag cement at 214 metres & commence drill out 2 metres and the shoe track at 216m. Drill new formation to 414 m whilst reaming down and pumping 50 bbls Hi Vis sweep every mid joint.
Activity	Drilling
Fluid Treatment	KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Received 750 bbls (120 m3) KCL brine from Battler, none remaining on boat. Built 40 ppb prehydrated bentonite mud in Pits 3, 4, 7,8 and cut back for sweeps using seawater in pits 1, 2, 5. Drilling using seawater from Pit 6 while pumping 50 bbl hi-vis sweeps every mid stand and prior to connections. Adding lime for flocculation prior to pumping sweeps. Receiving chemicals from Valkyrie in progress.
For Report # 005 On 11/19/2008	**Operation at Depth 810.0 m**
Rig Activity	Commenced preparing new mud for next interval, these costs and volumes will be reflected at the start of the next interval. PHPA & Clayseal Plus will be eliminated from makeup until csg shoe has been drilled. Dressed all shakers with 10# for scalpers, API 50# for bottom. Received bentonite from Valkyrie. Reached 810m TD for this section and started to run 13 3/8 casing.
Activity	Run casing
Fluid Treatment	KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Pumped 50 bbl hi-vis sweeps every mid stand and prior to connections. Built additional 40 ppb prehydrated bentonite as required to maintain sweeps. All sweeps were cut back to 25 ppb bentonite using seawater and flocculated using lime at 0.2 ppb. At TD pumped 2 x 100 bbl hi-vis sweeps. Displaced hole to 700 bbls hi-vis PHB prior to POOH. Retained about 500 bbls PHB in case wiper trip is called for. 22:30 hrs started mixing KCl brine Fluid in pits 4 and 3.
For Report # 006 On 11/20/2008	**Operation at Depth 810.0 m**
Rig Activity	Held JSA checked float and run 13 3/8" casing. Picked up Drill Quip well head assembly, made up landing string, made up cement head, landed casing as per program and rigged up surface lines Pumped 142 bbl of 15.8 cement slurry with 83.5 bbl of mix fluid, sheared out plug and displaced with a further 369 bbl and failed to bump plug. Flushed surface lines and rigged down. Adjusted landing ring on well head. Released DQ R/tool and laid out R/tool and cement head. Installed annulus valves and blind flanges on well head. Picked up BOP stack and made up same to well head.Rig up and nipple up mandrel, Picked up O/shot riser and set in rotary table.
Activity	Rig up BOP & Nipple up Mandrel.
Fluid Treatment	KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Prepared new KCL/Polymer mud for next interval, these costs and volumes will be reflected at the start of the next interval. PHPA & Clayseal Plus will be eliminated from

Operations Log Recap

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval	**02**		**From Date**	**004**	**Top of Interval**	**218.0**	**m**
Max. Hole Size / Bit Size	**16.000 / 16.000**	**in**	**To Date**	**006**	**Bottom of Interval**	**810.0**	**m**
			makeup until csg shoe has been drilled. Today being final report for 16" interval. Mud check is for the remaining prehydrated bentonite mud which will be used as a hi-vis spacer prior to new mud displacement.				

Operations Log Recap

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval	**03**		**From Date**	**007**	**Top of Interval**	**810.0**	**m**
Max. Hole Size / Bit Size	**12.250 / 12.250**	**in**	**To Date**	**016**	**Bottom of Interval**	**2,183.0**	**m**

For Report # 007 On 11/21/2008	**Operation at Depth 810.0 m**
Rig Activity	Maintained volume using reserve premixes. Received 750 bbls KCL brine from Valkyrie. Continued to rig up and pressure test Kill and Surface Lines. Racked back 5.5' DP in Derrick and started to make up BHA. Had problem with Slumberger Nuc cell, replaced and proceeded to make up BHA for 12.25" section.
Activity	Make up BHA
Fluid Treatment	KCL brine on hand: 750 bbls (119 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Prepared 2394 bbls of 8.8 ppg KCL/Polymer Mud. PHPA & Clayseal Plus was eliminated from makeup until csg shoe had been drilled. Check #1 = initial makeup, unsheared and without PHPA & Clayseal Plus.
For Report # 008 On 11/22/2008	**Operation at Depth 1,296.0 m**
Rig Activity	Adding Barazan for rheology and maintained dilutions using reserve mud. KCL content = 7.1% bv. Received 20 MT barite from Valkyrie. Shallow test Shlumberger tools. Pick up 5.5" DP and ran in hole to 781m. Washed and reamed F 781 to 792m. Drilled out float and continued to ream to shoe at 804m.Drilled out shoe, rat hole to 810m while displacing hole with 8.8 ppg fluid. Drilled F810 to 813m into new formation and ran L.O.Test 928 psi/8.8 ppg. Continued drilling from 883- 1296m
Activity	Drilling
Fluid Treatment	KCL brine on hand: 750 bbls (119 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Drilled plugs and 1/2 shoetrack using seawater. Pumped 50 bbl hi-vis spacer and displaced to KCL/Polymer mud. Treated for cmt contamination using citric acid & soda ash. Once alkalinity and Ca++ content had normalised, added 1ppb PHPA & 2% v/v Clayseal Plus. At 880 m, changed to finer screens. At 1100m started raising MW as per ADA request to 9.5 ppg by 1200m.
For Report # 009 On 11/23/2008	**Operation at Depth 1,454.0 m**
Rig Activity	Adding Barazan to raise low-end rheologies. Total shaker losses today = 585 bbls. KCL content: 7.3% bw Prepared slug for POOH. Continue building reserve mud. Continued drilling F 1296 to 1454m, POOH F 1454 to Surface to change out Drill Bit and service MWD tools. Retrieved data from MWD tools, prepared shaker house for drilling.
Activity	Make Up BHA.
Fluid Treatment	KCL brine on hand: 278 bbls (44 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Due to massive sands causing blinding, reduced the pump rate & screened down to largest screen size possible 20/50 but mud losses continued over shakers. Plugged hoppers slowed down mixing rate resulting in difficulty keeping up with volume. From 1450 m discontinued with PHPA (EZ-MUD DP) additions due to the plugging of hoppers. Adding barite as required to maintain 9.5 ppg.

Operations Log Recap

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Interval	**03**		**From Date**	**007**	**Top of Interval**	**810.0**	**m**
Max. Hole Size / Bit Size	**12.250 / 12.250**	**in**	**To Date**	**016**	**Bottom of Interval**	**2,183.0**	**m**

For Report # 010 On 11/24/2008	**Operation at Depth 1,609.0 m**
Rig Activity	Prepare MWD tool, Pick up new bit and BHA and RIH. Continue to Rih in hole F 174-1454m, wash and reamed last stand. Drilled from 1454-1609m. Continuous problems with shakers, non adjustable. Used appropriate screens for drilling this lithology to no avail kept on taking large loses over shakers, due to high ROP and SPM at times. Notwithstanding the Centrifuge, Desander and Desilter equipment was out of order.
Activity	Make Up BHA
Fluid Treatment	KCL brine on hand: 785 bbls (125 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Built reserve premixes of KCL/Polymer mud. EZ-MUD DP (powder) eliminated from all premixes due to hopper plugging. EZ-MUD Liquid has been ordered. Added KOH to maintain alkalinity. Mud losses continue over shakers due to sand blinding, varying between 15-26 bbls/hr. KCL content: 7.4% bw. Maintain BARABLOK additions to all volumes at 4 ppb. Increased PAC-L content to 3 ppb for premixes in the absence of EZ-MUD DP.Added KOH for alkalinity maintenance and soda ash to trim hardness. Received 750 bbls 20% bw KCL brine from the Battler.
For Report # 011 On 11/25/2008	**Operation at Depth 1,838.0 m**
Rig Activity	Drilled from 1609-1680m. Lubricated rig equipment and continued drilling from 1680-1838m. Total KCl polymer fluid in pits 1720 bbls. Slug 22 bbls. Trip Tank 64 bbls.
Activity	Drilling
Fluid Treatment	KCL brine on hand: 460 bbls (73 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Intermittent shaker losses continue due to blinding off by the sands. Maintained volume using reserve premixes. Added to active PAC-LE to retain WL control and KOH for alkalinity. With slow ROP, changed to finer screens on shakers 1 and 2 to API 120 mesh, stripping out large volumes of sand and fines. KCL content: 7.0% bm. Receiving 750 bbls 20% bw KCL brine from Valkyrie in progress, this will be reflected on next report. Added 7 x KOH to increase pH.
For Report # 012 On 11/26/2008	**Operation at Depth 2,058.0 m**
Rig Activity	Drilled F 1838-1916m, lubricated rig and repaired air connection on shakers # 3 and 4. Continued drilling F 1916-2058. Volume of KCl in pits 1-8 1062 bbls. Slug 63 bbls. Trip Tank 23 bbls.
Activity	Drilling
Fluid Treatment	KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Screened up on shaker #2 to API 120 mesh. Now 3 shakers on fine API 120 mesh while shaker #4 remains on API 50 mesh to help control shaker loss due to sands blinding off. Adding KOH on occasions for pH maintenance. Ongoing dilutions to active for volume. Barite additions to maintain MW at 9.5 ppg. Received 750 bbls brine + barite from Valkyrie. KCL content: 7.1% bw
For Report # 013 On 11/27/2008	**Operation at Depth 2,183.0 m**
Rig Activity	Continued to run fine API 120 mesh screens on shakers 1, 2, 3 while allowing shaker 3 with API 50 mesh to absorb minor losses due to blinding from sands.

Operations Log Recap

Well Name	**PeeJay-1**
Operator	**BEACH PETROLEUM**
Contractor	**Seadrill**
Rig No	**West Triton**
Unit System	**ADA/BEACH PETROLEUM**

Interval	**03**		**From Date**	**007**	**Top of Interval**	**810.0**	**m**
Max. Hole Size / Bit Size	**12.250 / 12.250**	**in**	**To Date**	**016**	**Bottom of Interval**	**2,183.0**	**m**

	Drill F 2058-2183m, circulate hole clean and down link SLB Sonic Tool. Flow Check and POOH F 2183-1947m. Pumped 25 bbl, 11.3 ppg slug and chase with 10 bbl of 9.5 ppg KCl polymer mud. POOH with 5.5 DP F 1947-793m. Flow checked for 10 mins, well static. Kick Drill: 80 D. Pumped an additional 25 bbl, 11.3 ppg slug and chase with 10 bbl of 9.5 ppg KCl polymer mud.
Activity	POOH
Fluid Treatment	KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Maintained volume in active using reserve premix. Added Barazan D Plus to maintain low-end rheologies and suspension particularly during proposed logging. Using both KOH/caustic for alkalinity. KCL content: 7.3% bw, increasing slightly with premix dilutions. From 12:00 hrs added 5 bbls/hr drillwater to flowline to maintain water phase lost to evaporation with elevated flowline temp exceeding 70 degC. In pits1-8 804 bbls KCL mud and Slug 5 bbl, TT 27 bbls.
For Report # 014 On 11/28/2008	**Operation at Depth 2,183.0 m**
Rig Activity	POOH F 793-Surface, remove SLM RA Source From ADN and laid it out. Laid out BHA and Jewellery, laid out 5.5 HWDP, 8 1/4 Collars and Jars. Made up CMT stinger and RIH F 0-1449m, and circulated bottoms up. Pressure spike observed 194 bbl loses down hole.Spotted 50 bbl Hi Vis Pill F 1460-1360m, displaced with 92 bbl 9.5 ppg KCl polymer mud. Pumped 84 bbl of 15.8ppg G class cmt F 1360-1230m, Displace with 73 bbl of 9.5 KCl mud. POOH F 1143m- surface. Rig down zip bail and Rig up 5.5 DP elevators and tidy up rig floor.
Activity	Setting cmt plugs
Fluid Treatment	KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Added BARAZAN D PLUS to Pit 4 as hi-vis. Barite used over the past 2 days for MW maintenance and preparation of slugs. Some mud loss at start of circulating in preparation for bottom cmt plug. Some evidence of sloughing hole with bottoms up. Spotted 50 bbl hi-vis from 1460-1360 m. Set cmt plug #1 from 1360-1230 m. After cmt job while circulating added citric acid to treat out cmt contamination. Observed large amount of formation coming over shakers when circulating, after 1st cmt job.
Issues	Issue 1 - From 1454 m to well TD at 2183 m, the sands of the Middle - Lower Easter View Group caused significant blinding of shaker screens and resultant mud losses amounted to 1800 bbls.
For Report # 015 On 11/29/2008	**Operation at Depth 2,183.0 m**
Rig Activity	Spot cement plugs
Activity	cut casing
Fluid Treatment	KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Spotted 50 bbl hiv-vis pill 934-834 m, set cmt plug #2: 834-704 m. While circulating after cmt job added citric acid to treat cmt contamination.
For Report # 016 On 11/30/2008	**Operation at Depth 2,183.0 m**
Rig Activity	Cont P&A Mud Engineer demob from rig.
Activity	P&A

Well Name	PeeJay-1
Operator	BEACH PETROLEUM
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Deviation Actual

Survey Date	MD m	TVD m	Angle	Direction	Horiz Displ. m
11/22/2008	810	810	0.21	236.8	4.8
11/22/2008	1,019	1,019	0.43	112.0	5.8
11/24/2008	1,818	1,818	0.58	33.6	7.1
11/26/2008	1,907	1,907	0.63	28.2	2.8
11/26/2008	1,995	1,995	0.77	13.4	7.2

Company	BEACH PETROLEUM
Well Name	PeeJay-1
Contractor	Seadrill
Rig No	West Triton
Unit System	ADA/BEACH PETROLEUM

Bit Record Report

Run No	Bit No	Bit Size in	Bit Manufacturer	Bit Type	Bit Style	IADC Code	Serial Number	Jet or TFA sq-in	Depth Out m	Run Length m	ROP m/hr	WOB lb	Bit RPM	Pump Press psi	Pump OutPut gpm	Fluid Type	Fluid Weight ppg	Hole Angle	Bit Grading	Reason Pulled
1	1	36.000	RTC	Y11C	MT	111	D74635R	3x22|1x16	218.0	105.0	20.0	5,000.0	60	500.0	1,000	Seawater	8.60		1,1,NO,A,E,I ,NO,TD	TD - Total/Casing Depth
2	2	16.000	HUGHES	GX-CIV	IN		6065566	3x20	810.0	592.0	60.0	15,000.0	150	1,300.0	1,200	AQUAGEL Mud	8.80		1,1,NO,A,E,I ,NO,TD	TD - Total/Casing Depth
3	3	12.250	HYCALOG	RSX 616M	FC		218663	3x15|3x13	1,454.0	644.0	27.0	15,000.0	110	2,170.0	1,211	KCl/Polymer	9.50	0.22	8,8,RO,P,X, 2,NR,PR	BHA - Change BHA
4	4	12.250	HUGHES	MXL-C30 HDX	IN		6069569	3x20	2,183.0	729.0	12.0	18,000.0	110	3,150.0	1,206	KCl/Polymer	9.50	0.8	1,1,NO,A,E,I ,NO,TD	TD - Total/Casing Depth

DAILY MUD REPORTS

Baroid Fluid Services

Report No 001

Daily Drilling Fluid Report

Date 11/15/2008		Depth 155.0 m	
Spud Date 11/15/2008		Rig Activity Skid Rig Cantilever Deck	
Operator BEACH PETROLEUM	Report For Rocco Rossouw/ Peter Dan	Well Name PeeJay-1	
Contractor Seadrill	Report For Clinton Franklin	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information		Drill String (in) / (m) OD	ID	Length	in Casing m OD	Set	MD	Circulation/Hydraulics Data			
Bit Size	in							Model			
Make/Type								Bore in			
Jets								Strokes in			
TFA	sq-in							Eff(%)			
Jets Velocity	m/sec							bbl/strk			
Jet Impact Force	lbf							SPM			
Bit HHSI	hhp/in2							gpm|bbl/min			
Press Drop @ Bit	psi							Total GPM		AV, Riser	Circ Press psi
Bit Depth	m	Open Hole	36.000	42.0				Total Circ Time		AV min DP	Tot Pres Loss
ECD @ Csg Shoe	ppg							BU Time , min		AV max DC	Press Drop DP
ECD @ Bit	ppg							Total Strokes		BU Strokes	Press Drop An

Properties		Hyd 1	2	3	4	Targets		Program	
Source		Pit #4							
Time		17:00							
Depth	m	155							
FL Temp	Deg C								
Density @ Deg C	ppg	8.80 @ 25						8.70	8.90
FV @ Deg C	sec/qt	500 @ 25						100	500
PV @ Deg C	cP	16 @ 25							
YP	lbs/100 ft2	158						50	200
GELS	lbs/100 ft2	65/65/-							
600/300		190.0/174.0							
200/100		165.0/148.0							
6/3		94.0/80.0							
API Filt	ml/30 min								
HTHP @ Deg C	ml/30 min								
Cake API/HTHP	32nd in								
Corr Solid	% by Vol	4.8							
NAP/Water	% by Vol	-/95.0							
Sand	% by vol								
MBT	ppb Eq.	40.0							
pH @ Deg C		9.00 @ 25						8.00	9.50
ALK Mud	Pm								
ALK Filt	Pf/Mf								
Chlorides	mg/l								
Tot. Hardness	mg/l								
LGS/HGS	% by Vol	5.9/-1.2							
LGS/HGS	ppb	54.17/-17.36							
ASG	SG	2.204							
Additional Properties									

Fluid Treatments

Fluid Type Bentonite Mud

Included in todays costs: Engineer #1, stndby 12-14 Nov (3 days) & Engineer #2, stndby 13-14 Nov (2 days).

Prepared 500 bbls prehydrated bentonite at 40 ppb. Volume prepared was as per ADA request to drill 50 m surface hole. Pumped 75 bbl hi-vis sweep every single drilled. After 51 m drilled, pumped 200 bbl hi-vis sweep and displaced open hole to 200 bbls PHB. Unable to mix full amount of Spud Mud owing to pending jacking operations.

KCL brine on hand: 365 bbls (58 m3)

Rig Activity

Held JSA review & skidded out rig to drilling position 25 feet. Made up 26" bit up to 36" hole opener & RIH with BHA to 94 metres. Tag sea bed at 104 metres & drill from 104 metres to 155 metres. Spot 200 bbl Hi Vis pill, POOH from 155 M to surface & rack back all BHA. Prepared to skid rig cantilever deck at report time.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			4		$5,000.00
Drilling Fluids Engineer	day(s)			3		$3,750.00
bentonite	1000 kg bulk		40.000	10.000	30.000	$4,948.80
caustic soda	25 kg pail		19	1	18	$44.19
soda ash	25 kg bag		40	1	39	$13.25
ALDACIDE G	5 gal can		16		16	
BARABLOK	50 lb bag		50		50	
BARA-DEFOAM W300	5 gal can		16		16	
barite	1000 kg bulk		26.000		26.000	
BAROFIBRE FINE	25 lb bag		100		100	
Circal 60/16	25 kg sack		31		31	
Circal Y	25 kg sack		168		168	
CLAYSEAL PLUS	216 kg drum		18		18	
CON DET	55 gal drum		4		4	
DEXTRID LTE	25 kg sack		24		24	
EZ-MUD DP	25 kg bag		60		60	
guar gum	25 kg bag		4		4	
Hme Energizer	5 gal can		16		16	
Kwikseal Fine	40 lb bag		38		38	
lime	25 kg bag		40		40	
N-DRIL HT PLUS	50 lb bag		15		15	
NO-SULF	17 kg pail		32		32	
Omyacarb 5	25 kg bulk		96.000		96.000	
PAC-L	25 kg bag		39		39	
STEELSEAL	25 kg sack		122		122	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	2.5
Circulating	
Trips	
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	21.5
Total	24.0
Rotating	2.5
ROP	
Dil Rate	0.00

Fluid Volume Breakdown Bentonite Mud

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water	474.6	Transferred	
Active Pits		Dewatering		SCE	
Total Hole	173.5	Sea Water		Evaporation	
Total Circ		Whole Mud		Trips	
Reserve		Barite		Other	-326.5
Prev Vol		Chemicals	25.3	Total Surface	
Net Change	173.4	Other		Downhole	
Total Vol	173.5	Total	499.9	Total Losses	-326.5

Fluid Types	Vol bbl
Seawater	400.0

Deviation Information

Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Daily Products Cost	$5,006.24	Total Daily Cost	$13,756.24
Cumulative Products Cost	$5,006.24	Total Cumulative Cost	$13,756.24

Baroid Representatives	Mike Flexmore	Mike Maloney	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 002

Daily Drilling Fluid Report

Date 11/16/2008	Depth 218.0 m		
Spud Date 11/15/2008	Rig Activity Run casing and cement		
Operator BEACH PETROLEUM	Report For Rocco Rossouw/ Peter Dan	Well Name PeeJay-1	
Contractor Seadrill	Report For Clinton Franklin	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information

Bit Size	36.000	in
Make/Type	SMITH/Y11C	
Jets	3x22|1x16	
TFA	1.310	sq-in
Jets Velocity	69.7	m/sec
Jet Impact Force	975.6	lbf
Bit HHSI	0.22	hhp/in2
Press Drop @ Bit	411	psi
Bit Depth	150.0	m
ECD @ Csg Shoe		ppg
ECD @ Bit	8.82	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.000	3.000	58.3
Drill Collar	8.250	2.813	67.0
Drill Collar	9.500	3.000	20.0
Drill Collar	9.625	3.000	3.4
Drill Collar	9.500	3.000	1.2
Open Hole	36.000		105.0

in Casing m

OD	Set	MD

Circulation/Hydraulics Data

Model	Nat-14-P-220		Nat-14-P-220		Nat-14-P-220	
Bore in	6.500		6.500		6.500	
Strokes in	14.000		14.000		14.000	
Eff(%)	97		97		97	
bbl/strk	0.139		0.139		0.139	
SPM	50		50		60	
gpm|bbl/min	293	6.97	293	6.97	351	8.36

Total GPM	936	AV, Riser	Circ Press psi 500
Total Circ Time	7	AV min DP	Tot Pres Loss 705
BU Time , min	6	AV max DC 5.8	Press Drop DP 254
Total Strokes	1,056	BU Strokes 1,026	Press Drop An 1

Properties		Hyd 1	2	3	4	Targets	Program
Source		Pit #3					
Time		17:30					
Depth	m	218					
FL Temp	Deg C						
Density @ Deg C	ppg	8.80 @ 25					8.70 8.90
FV @ Deg C	sec/qt	488 @ 25					100 500
PV @ Deg C	cP	10 @ 25					
YP	lbs/100 ft2	75					50 200
GELS	lbs/100 ft2	43/46/-					
600/300		95.0/85.0					
200/100		73.0/65.0					
6/3		43.0/41.0					
API Filt	ml/30 min						
HTHP @ Deg C	ml/30 min						
Cake API/HTHP	32nd in						
Corr Solid	% by Vol	3.8					
NAP/Water	% by Vol	-/96.0					
Sand	% by vol						
MBT	ppb Eq.						
pH @ Deg C		9.50 @ 25					8.00 9.50
ALK Mud	Pm						
ALK Filt	Pf/Mf						
Chlorides	mg/l						
Tot. Hardness	mg/l						
LGS/HGS	% by Vol	3.9/-0.2					
LGS/HGS	ppb	35.88/-2.58					
ASG	SG	2.526					
Additional Properties							

Fluid Treatments

Fluid Type Bentonite Mud

KCL brine on hand: 365 bbls (58 m3).
Prepared more prehydrated bentonite at 40 ppb.
Cut back to 25 ppb concentration in adjacent pits using 38% seawater. Added lime to flocculate prior to pumping sweeps and displacement.
Pumped 75 bbl hi-vis sweeps every 10 m. At TD pumped 200 bbl hi-vis sweep and displaced open hole to 500 bbls hi-vis PHB.
Preparing PHB for next interval, respective volumes and costs will be charged off on next report.
Received 46 MT bentonite + 39 MT barite from Pacific Battler.

Rig Activity

Skid Cantilever deck into TOW position and secure same. Jack rig up to 11.3 metres. MU 26 x 36 BHA, RIH from surface to 116 metres, reenter hole using ROV. Wash & Ream to bottom. Drill from 162m to 218m TD. Pump 200 bbl sweep & displace hole to PHB mud. POOH to surface & break out bit. Run 30" conductor to 33 metres.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
bentonite	1000 kg bulk	30.000	46.000	24.000	52.000	$11,877.12
caustic soda	25 kg pail	18		6	12	$265.14
soda ash	25 kg bag	39		6	33	$79.50
lime	25 kg bag	40		5	35	$32.75
ALDACIDE G	5 gal can	16			16	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	26.000	39.000		65.000	
BAROFIBRE FINE	25 lb bag	100			100	
Circal 60/16	25 kg sack	31			31	
Circal Y	25 kg sack	168			168	
CLAYSEAL PLUS	216 kg drum	18			18	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	24			24	
EZ-MUD DP	25 kg bag	60			60	
guar gum	25 kg bag	4			4	
Hme Energizer	5 gal can	16			16	
Kwikseal Fine	40 lb bag	38			38	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	32			32	
Omyacarb 5	25 kg bulk	96.000			96.000	
PAC-L	25 kg bag	39			39	
STEELSEAL	25 kg sack	122			122	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	2.5
Circulating	
Trips	2.0
Rig	
Surveys	
Fishing	
Run Casing	2.0
Coring	
Reaming	1.5
Testing	
Logging	
Dir Work	
Repair	
Other	16.0
Total	24.0
Rotating	4.0
ROP	25.2
Dil Rate	0.00

Fluid Volume Breakdown — Bentonite Mud

Active	bbl	Additions	bbl	Losses	bbl
Annulus	143.0	Base		Fluid Dumped	
Pipe Cap	4.1	Drill Water	1350.0	Transferred	
Active Pits		Dewatering		SCE	
Total Hole	428.0	Sea Water	476.0	Evaporation	
Total Circ	147.1	Whole Mud		Trips	
Reserve	680.0	Barite		Other	-953.0
Prev Vol	173.5	Chemicals	61.6	Total Surface	
Net Change	934.6	Other		Downhole	
Total Vol	1108.0	Total	1887.6	Total Losses	-953.0

Fluid Types	Vol bbl
Seawater	400.0

Deviation Information

Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Daily Products Cost	$12,254.51	Total Daily Cost	$14,754.51
Cumulative Products Cost	$17,260.75	Total Cumulative Cost	$28,510.75

Baroid Representatives	Mike Flexmore	Mike Maloney	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 003

Daily Drilling Fluid Report

Date 11/17/2008		Depth 218.0 m	
Spud Date 11/15/2008		Rig Activity Run casing and cement	
Operator BEACH PETROLEUM	Report For Rocco Rossouw/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Clinton Franklin	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information

Bit Size		in
Make/Type		
Jets		
TFA		sq-in
Jets Velocity		m/sec
Jet Impact Force		lbf
Bit HHSI		hhp/in2
Press Drop @ Bit		psi
Bit Depth	218.0	m
ECD @ Csg Shoe		ppg
ECD @ Bit		ppg

Drill String (in) / (m)

OD	ID	Length

in Casing m

OD	Set	MD
30.000	@	218.0

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	0	0	0
gpm|bbl/min			

Total GPM		AV, Riser	Circ Press psi
Total Circ Time		AV min DP	Tot Pres Loss
BU Time , min		AV max DC	Press Drop DP
Total Strokes		BU Strokes	Press Drop An

Properties		1	2	3	4	Targets	Program	
Source		Pit #7						
Time		17:25						
Depth	m	218						
FL Temp	Deg C							
Density @ Deg C	ppg	8.80 @ 23					8.70	8.90
FV @ Deg C	sec/qt	490 @ 23					100	500
PV @ Deg C	cP	15 @ 25						
YP	lbs/100 ft2	78					50	200
GELS	lbs/100 ft2	39/43/-						
600/300		108.0/93.0						
200/100		87.0/75.0						
6/3		44.0/41.0						
API Filt	ml/30 min							
HTHP @ Deg C	ml/30 min							
Cake API/HTHP	32nd in							
Corr Solid	% by Vol	3.8						
NAP/Water	% by Vol	-/96.0						
Sand	% by vol							
MBT	ppb Eq.	40.0						
pH @ Deg C		9.20 @ 23					8.00	9.50
ALK Mud	Pm							
ALK Filt	Pf/Mf							
Chlorides	mg/l							
Tot. Hardness	mg/l							
LGS/HGS	% by Vol	3.9/-0.2						
LGS/HGS	ppb	35.88/-2.58						
ASG	SG	2.526						

Additional Properties

Fluid Treatments

Fluid Type Bentonite Mud

KCL brine on hand: 365 bbls (58 m3). Recorded on inventory in 1000 kg bags equivalent (1 bag ~ 30 bbls).

Prepared further 2000 bbls prehydrated bentonite at 40 ppb + 1500 bbl sweeps at 25 ppb. These volumes + costs will be charged off on next report as today being final report for 36" hole.
Receiving KCL brine from Battler in progress.
Received 20 MT bentonite from Valkyrie.
Receiving chemicals from Valkyrie in progress.
Carry out shaker screen inventory check

Rig Activity

Continue to run 30" conductor from 33 m to 215 m. Cut 30" conductor 2 metres above icon clamp. Rig down weatherford casing equipment. Line up for cement job , pump seawater spacer, no returns at sea bed. Perform revised cement job. Pump 78 bbls of 15.9 ppg cement slurry & displace with 13 bbls seawater. POOH with cement stinger assembly and rack back in derrick.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
ALDACIDE G	5 gal can	16	16		32	
BARABLOK	50 lb bag	50	50		100	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag		80		80	
barite	1000 kg bulk	65.000			65.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	52.000	20.000		72.000	
caustic soda	25 kg pail	12	32		44	
Circal 60/16	25 kg sack	31			31	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag		30		30	
CLAYSEAL PLUS	216 kg drum	18			18	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	24	72		96	
EZ SPOT	55 gal drum		8		8	
EZ-MUD DP	25 kg bag	60	30		90	
guar gum	25 kg bag	4	30		34	
Hme Energizer	5 gal can	16	16		32	
KCL Tech Grade (bulk)	1000 kg bulk		12.000		12.000	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	35			35	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	32	8		40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail		5		5	
PAC-L	25 kg bag	39			39	
potassium hydroxide	25 kg bag		36		36	

Daily Products Cost	$0.00	Total Daily Cost	$2,500.00
Cumulative Products Cost	$17,260.75	Total Cumulative Cost	$31,010.75

Baroid Representatives	Mike Flexmore	Mike Maloney	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	
Circulating	
Trips	
Rig	
Surveys	
Fishing	
Run Casing	24.0
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown — Bentonite Mud

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits		Dewatering		SCE	
Total Hole	494.7	Sea Water		Evaporation	
Total Circ		Whole Mud		Trips	
Reserve	613.2	Barite		Other	
Prev Vol	1108.0	Chemicals		Total Surface	
Net Change		Other		Downhole	
Total Vol	1108.0	Total		Total Losses	

Fluid Types	Vol bbl
Seawater	400.0

Deviation Information

Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

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Baroid Fluid Services

Report No 004

Daily Drilling Fluid Report

Date 11/18/2008	Depth 414.0 m		
Spud Date 11/15/2008	Rig Activity Drilling		
Operator BEACH PETROLEUM	Report For Rocco Rossouw/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Clinton Franklin	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information

Bit Size	16.000 in
Make/Type	HUGHES/GX-CIV
Jets	3x20
TFA	0.920 sq-in
Jets Velocity	124.1 m/sec
Jet Impact Force	2170.5 lbf
Bit HHSI	4.42 hhp/in2
Press Drop @ Bit	1302 psi
Bit Depth	414.0 m
ECD @ Csg Shoe	8.92 ppg
ECD @ Bit	21.42 ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.000	286.5
Drill Collar	8.188	2.800	0.9
Drill Collar	8.375	2.875	9.4
Drill Collar	8.000	3.000	9.7
Drill Collar	8.375	2.875	66.1
Drill Collar	9.500	3.000	20.0
Drill Collar	15.875	3.000	4.0
Open Hole	16.000		196.0

in Casing m

OD	Set	MD
30.000	@	218.0

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	100	0	100
gpm|bbl/min	585 | 13.93		585 | 13.93
Total GPM	1,170	AV, Riser	Circ Press psi 1300
Total Circ Time	22	AV min DP 11.6	Tot Pres Loss 2738
BU Time , min	21	AV max DC 2194.6	Press Drop DP 488
Total Strokes	4,395	BU Strokes 4,267	Press Drop An 891

Properties		1	Hyd 2	3	4	Targets	Program
Source		Pit #3	Pit #3				
Time		9:15	17:00				
Depth	m	218	241				
FL Temp	Deg C						
Density @ Deg C	ppg	8.80 @ 22	8.80 @ 22				8.70 9.00
FV @ Deg C	sec/qt	465 @ 22	480 @ 22				100 500
PV @ Deg C	cP	13 @ 25	15 @ 25				
YP	lbs/100 ft2	74	77				50 200
GELS	lbs/100 ft2	30/35/-	38/42/-				
600/300		100.0/87.0	107.0/92.0				
200/100		79.0/68.0	85.0/73.0				
6/3		42.0/40.0	43.0/40.0				
API Filt	ml/30 min						
HTHP @ Deg C	ml/30 min						
Cake API/HTHP	32nd in						
Corr Solid	% by Vol	3.8	3.8				
NAP/Water	% by Vol	-/96.0	-/96.0				
Sand	% by vol						
MBT	ppb Eq.	40.0	40.0				
pH @ Deg C		9.50 @ 23	9.50 @ 23				8.00 9.50
ALK Mud	Pm						
ALK Filt	Pf/Mf						
Chlorides	mg/l						
Tot. Hardness	mg/l						
LGS/HGS	% by Vol	3.9/-0.2	3.9/-0.2				
LGS/HGS	ppb	35.88/-2.58	35.88/-2.58				
ASG	SG	2.526	2.526				
Additional Properties							

Fluid Treatments

Fluid Type Bentonite Mud

KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Received 750 bbls (120 m3) KCL brine from Battler, none remaining on boat. Built 40 ppb prehydrated bentonite mud in Pits 3, 4, 7,8 and cut back for sweeps using seawater in pits 1, 2, 5. Drilling using seawater from Pit 6 while pumping 50 bbl hi-vis sweeps every mid stand and prior to connections. Adding lime for flocculation prior to pumping sweeps. Receiving chemicals from Valkyrie in progress.

Rig Activity

Pick up 60 joints 5 1/2" drill pipe and rack back in Derrick. Make up 16"bit , MWD tools, RIH to 213 metres. Establish parameters flow rate 600 - 1200 gpm. Tag cement at 214 metres & commence drill out 2 metres and the shoe track at 216m. Drill new formation to 414 m whilst reaming down and pumping 50 bbls Hi Vis sweep every mid joint.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
bentonite	1000 kg bulk	72.000		33.000	39.000	$16,331.04
caustic soda	25 kg pail	44		8	36	$353.52
soda ash	25 kg bag	33		8	25	$106.00
lime	25 kg bag	35		5	30	$32.75
ALDACIDE G	5 gal can	32			32	
BARABLOK	50 lb bag	100	200		300	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag	80			80	
barite	1000 kg bulk	65.000			65.000	
BAROFIBRE FINE	25 lb bag	100			100	
Circal 60/16	25 kg sack	31			31	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	30			30	
CLAYSEAL PLUS	216 kg drum	18			18	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	96	72		168	
EZ SPOT	55 gal drum	8			8	
EZ-MUD DP	25 kg bag	90			90	
guar gum	25 kg bag	34			34	
Hme Energizer	5 gal can	32			32	
KCL Tech Grade (bulk)	1000 kg bulk	12.000	25.000		37.000	
Kwikseal Fine	40 lb bag	38			38	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	39			39	

Daily Products Cost	$16,823.31	Total Daily Cost	$19,323.31
Cumulative Products Cost	$34,084.06	Total Cumulative Cost	$50,334.06

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	9.5
Circulating	
Trips	4.0
Rig	2.0
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	8.5
Total	24.0
Rotating	9.5
ROP	20.6
Dil Rate	0.00

Fluid Volume Breakdown — Bentonite Mud

Active	bbl	Additions	bbl	Losses	bbl
Annulus	594.6	Base		Fluid Dumped	
Pipe Cap	17.9	Drill Water	2188.2	Transferred	
Active Pits		Dewatering		SCE	
Total Hole	612.5	Sea Water	564.0	Evaporation	
Total Circ	612.5	Whole Mud		Trips	
Reserve	2962.0	Barite		Other	-593.1
Prev Vol	1108.0	Chemicals	84.5	Total Surface	
Net Change	2243.5	Other		Downhole	
Total Vol	3574.5	Total	2836.7	Total Losses	-593.1

Fluid Types	Vol bbl
Seawater	400.0

Deviation Information

Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Baroid Representatives	Mike Flexmore	Mike Maloney	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 005

Daily Drilling Fluid Report

Date 11/19/2008	**Depth** 810.0 m		
Spud Date 11/15/2008	**Rig Activity** Run casing		
Operator BEACH PETROLEUM	**Report For** Rocco Rossouw/ Peter Dane	**Well Name** PeeJay-1	
Contractor Seadrill	**Report For** Clinton Franklin	**Rig Name** West Triton	**Unit System** ADA/BEACH PETROLEUM
Country Australia	**State/Province/Region** Tasmania	**Geographic Area/County** Bass Strait	**Field or Block** T 39P

Bit Information		Drill String (in) / (m) OD	ID	Length	in Casing m OD	Set	MD
Bit Size	in				30.000	@	218.0
Make/Type							
Jets							
TFA	sq-in						
Jets Velocity	m/sec						
Jet Impact Force	lbf						
Bit HHSI	hhp/in2						
Press Drop @ Bit	psi						
Bit Depth	m	Open Hole	16.000	592.0			
ECD @ Csg Shoe	8.90 ppg						
ECD @ Bit	ppg						

Circulation/Hydraulics Data							
Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220				
Bore in	6.500	6.500	6.500				
Strokes in	14.000	14.000	14.000				
Eff(%)	97	97	97				
bbl/strk	0.139	0.139	0.139				
SPM	102	103	0				
gpm|bbl/min	597	14.21	603	14.35			
Total GPM	1,200	AV, Riser		Circ Press psi	2230		
Total Circ Time		AV min DP		Tot Pres Loss			
BU Time , min		AV max DC		Press Drop DP			
Total Strokes		BU Strokes		Press Drop An			

Properties		Hyd 1	2	3	4	Targets		Program	
Source		Pit #4							
Time		12:30							
Depth	m	795							
FL Temp	Deg C								
Density @ Deg C	ppg	8.80 @ 22						8.70	9.00
FV @ Deg C	sec/qt	498 @ 22						100	500
PV @ Deg C	cP	18 @ 25							
YP	lbs/100 ft2	83						50	200
GELS	lbs/100 ft2	44/47/-							
600/300		119.0/101.0							
200/100		89.0/75.0							
6/3		45.0/42.0							
API Filt	ml/30 min								
HTHP @ Deg C	ml/30 min								
Cake API/HTHP	32nd in								
Corr Solid	% by Vol	3.8							
NAP/Water	% by Vol	-/96.0							
Sand	% by vol								
MBT	ppb Eq.	40.0							
pH @ Deg C		9.50 @ 23						8.00	9.50
ALK Mud	Pm								
ALK Filt	Pf/Mf								
Chlorides	mg/l								
Tot. Hardness	mg/l								
LGS/HGS	% by Vol	3.9/-0.2							
LGS/HGS	ppb	35.88/-2.58							
ASG	SG	2.526							
Additional Properties									

Fluid Treatments

Fluid Type **Bentonite Mud**

KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Pumped 50 bbl hi-vis sweeps every mid stand and prior to connections. Built additional 40 ppb prehydrated bentonite as required to maintain sweeps. All sweeps were cut back to 25 ppb bentonite using seawater and flocculated using lime at 0.2 ppb. At TD pumped 2 x 100 bbl hi-vis sweeps. Displaced hole to 700 bbls hi-vis PHB prior to POOH. Retained about 500 bbls PHB in case wiper trip is called for.

Rig Activity

Commenced preparing new mud for next interval, these costs and volumes will be reflected at the start of the next interval. PHPA & Clayseal Plus will be eliminated from makeup until csg shoe has been drilled. Dressed all shakers with 10# for scalpers, API 50# for bottom. Received bentonite from Valkyrie.

Reached 810m TD for this section and started to run 13 3/8 casing.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
caustic soda	25 kg pail	36		1	35	$44.19
lime	25 kg bag	30		6	24	$39.30
ALDACIDE G	5 gal can	32			32	
BARABLOK	50 lb bag	300			300	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag	80			80	
barite	1000 kg bulk	65.000			65.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	39.000	11.000		50.000	
Circal 60/16	25 kg sack	31			31	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	30			30	
CLAYSEAL PLUS	216 kg drum	18			18	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	168			168	
EZ SPOT	55 gal drum	8			8	
EZ-MUD DP	25 kg bag	90			90	
guar gum	25 kg bag	34			34	
Hme Energizer	5 gal can	32			32	
KCL Tech Grade (bulk)	1000 kg bulk	37.000			37.000	
Kwikseal Fine	40 lb bag	38			38	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	39			39	
potassium hydroxide	25 kg bag	36			36	

Solids Control Equipment			
Shaker	Screens	Hrs	
VSM-300	10 50		
VSM-300	10 50		
VSM-300	10 50		
VSM-300	10 50		
Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		
Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time	
Drilling	18.0
Circulating	
Trips	
Rig	0.5
Surveys	
Fishing	
Run Casing	0.5
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	5.0
Total	24.0
Rotating	18.0
ROP	22.0
Dil Rate	0.00

Fluid Volume Breakdown		Bentonite Mud			
Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water	230.0	Transferred	
Active Pits		Dewatering		SCE	
Total Hole	977.8	Sea Water		Evaporation	
Total Circ		Whole Mud		Trips	
Reserve	1000.0	Barite		Other	-1604.2
Prev Vol	3574.5	Chemicals	0.5	Total Surface	
Net Change	-1373.7	Other		Downhole	
Total Vol	1977.8	Total	230.5	Total Losses	-1604.2

Fluid Types	Vol bbl
Seawater	400.0

Deviation Information	
Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Daily Products Cost	$83.49	Total Daily Cost	$2,583.49
Cumulative Products Cost	$34,167.55	Total Cumulative Cost	$52,917.55

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 006

Daily Drilling Fluid Report

Date 11/20/2008		Depth 810.0 m	
Spud Date 11/15/2008		Rig Activity Rig up BOP & Nipple up Mandrel.	
Operator BEACH PETROLEUM	Report For Sean De Freitas/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Clinton Franklin	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information

Bit Size	in
Make/Type	
Jets	
TFA	sq-in
Jets Velocity	m/sec
Jet Impact Force	lbf
Bit HHSI	hhp/in2
Press Drop @ Bit	psi
Bit Depth	m
ECD @ Csg Shoe	ppg
ECD @ Bit	ppg

Drill String (in) / (m)

	OD	ID	Length
Riser	28.000		20.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	0	0	0
gpm|bbl/min			

Total GPM	AV, Riser	Circ Press psi
Total Circ Time	AV min DP	Tot Pres Loss
BU Time , min	AV max DC	Press Drop DP
Total Strokes	BU Strokes	Press Drop An

Properties		1	2	3	4	Targets	Program		Fluid Treatments
Source		Slug Pit							**Fluid Type**
Time		16:00							KCL brine on hand: 1115 bbls (177 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).
Depth	m	810							
FL Temp	Deg C								
Density @ Deg C	ppg	8.80 @ 24					8.70	9.00	
FV @ Deg C	sec/qt	490 @ 22					100	500	
PV @ Deg C	cP	18 @ 25							Prepared new KCL/Polymer mud for next interval, these costs and volumes will be reflected at the start of the next interval. PHPA & Clayseal Plus will be eliminated from makeup until csg shoe has been drilled. Today being final report for 16" interval.
YP	lbs/100 ft2	82					50	200	
GELS	lbs/100 ft2	45/49/-							
600/300		118.0/100.0							
200/100		88.0/75.0							
6/3		45.0/41.0							
API Filt	ml/30 min								Mud check is for the remaining prehydrated bentonite mud which will be used as a hi-vis spacer prior to new mud displacement.
HTHP @ Deg C	ml/30 min								
Cake API/HTHP	32nd in								
Corr Solid	% by Vol	3.8							
NAP/Water	% by Vol	-/96.0							
Sand	% by vol								
MBT	ppb Eq.	40.0							
pH @ Deg C		9.50 @ 23					8.00	9.50	**Rig Activity**
ALK Mud	Pm								Held JSA checked float and run 13 3/8" casing. Picked up Drill Quip well head assembly, made up landing string, made up cement head, landed casing as per program and rigged up surface lines Pumped 142 bbl of 15.8 cement slurry with 83.5 bbl of mix fluid, sheared out plug and displaced with a further 369 bbl and failed to bump plug. Flushed surface lines and rigged down. Adjusted landing ring on well head. Released DQ R/tool and laid out R/tool and cement head. Installed annulus valves and blind flanges on well head. Picked up BOP stack and made up same to well head.Rig up and nipple up mandrel, Picked up O/shot riser and set in rotary
ALK Filt	Pf/Mf								
Chlorides	mg/l								
Tot. Hardness	mg/l								
LGS/HGS	% by Vol	3.9/-0.2							
LGS/HGS	ppb	35.88/-2.58							
ASG	SG	2.526							
Additional Properties									

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
ALDACIDE G	5 gal can	32			32	
BARABLOK	50 lb bag	300			300	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag	80	145		225	
barite	1000 kg bulk	65.000			65.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	31	154		185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	30			30	
CLAYSEAL PLUS	216 kg drum	18			18	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	168	144		312	
EZ SPOT	55 gal drum	8			8	
EZ-MUD DP	25 kg bag	90			90	
guar gum	25 kg bag	34			34	
Hme Energizer	5 gal can	32			32	
KCL Tech Grade (bulk)	1000 kg bulk	37.000			37.000	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	39	144		183	
potassium hydroxide	25 kg bag	36			36	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	
Circulating	
Trips	
Rig	
Surveys	
Fishing	
Run Casing	9.0
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	15.0
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits		Dewatering		SCE	
Total Hole		Sea Water		Evaporation	
Total Circ		Whole Mud		Trips	
Reserve		Barite		Other	
Prev Vol		Chemicals		Total Surface	
Net Change		Other		Downhole	
Total Vol		Total		Total Losses	

Fluid Types — **Vol bbl**

Deviation Information

Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Daily Products Cost	$0.00	Total Daily Cost	$2,500.00
Cumulative Products Cost	$34,167.55	Total Cumulative Cost	$55,417.55

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Baroid Fluid Services

Report No **007**

Daily Drilling Fluid Report

Date 11/21/2008		**Depth** 810.0 m	
Spud Date 11/15/2008		**Rig Activity** Make up BHA	
Operator BEACH PETROLEUM	**Report For** Sean De Freitas/ Peter Dane	**Well Name** PeeJay-1	
Contractor Seadrill	**Report For** Clinton Franklin	**Rig Name** West Triton	**Unit System** ADA/BEACH PETROLEUM
Country Australia	**State/Province/Region** Tasmania	**Geographic Area/County** Bass Strait	**Field or Block** T 39P

Bit Information		Drill String (in) / (m)			in Casing m			Circulation/Hydraulics Data			
		OD	ID	Length	OD	Set	MD	Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bit Size	in				30.000	@	218.0	Bore in	6.500	6.500	6.500
Make/Type					13.375	@	810.0	Strokes in	14.000	14.000	14.000
Jets								Eff(%)	97	97	97
TFA	sq-in							bbl/strk	0.139	0.139	0.139
Jets Velocity	m/sec							SPM	0	0	0
Jet Impact Force	lbf							gpm|bbl/min			
Bit HHSI	hhp/in2										
Press Drop @ Bit	psi							Total GPM		AV, Riser	Circ Press psi
Bit Depth 810.0	m	Riser	28.000	20.0				Total Circ Time		AV min DP	Tot Pres Loss
ECD @ Csg Shoe	ppg	Cased Hole	12.250					BU Time , min		AV max DC	Press Drop DP
ECD @ Bit	ppg							Total Strokes		BU Strokes	Press Drop An

Properties		1	2	3	4	Targets		Program		Fluid Treatments
Source		Pit #4	Pit #5							**Fluid Type**
Time		11:30	22:00							KCL brine on hand: 750 bbls (119 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).
Depth	m	810	810							
FL Temp	Deg C									
Density @ Deg C	ppg	8.80 @ 24	8.80 @ 25					8.70	9.00	
FV @ Deg C	sec/qt	85 @ 24	83			X	X	100	500	Prepared 2394 bbls of 8.8 ppg KCL/Polymer Mud. PHPA & Clayseal Plus was eliminated from makeup until csg shoe had been drilled. Check #1 = initial makeup, unsheared and without PHPA & Clayseal Plus.
PV @ Deg C	cP	19 @ 49	19 @ 49							
YP	lbs/100 ft2	21	20			X	X	50	200	
GELS	lbs/100 ft2	6/7/7	5/7/8							
600/300		59.0/40.0	58.0/39.0							
200/100		31.0/21.0	30.0/20.0							
6/3		5.0/4.0	5.0/3.0							
API Filt	ml/30 min	7.0	6.0							
HTHP @ Deg C	ml/30 min									
Cake API/HTHP	32nd in	1/-	1/-							
Corr Solid	% by Vol	0.9	1.2							
NAP/Water	% by Vol	-/96.2	-/96.0							
Sand	% by vol									
MBT	ppb Eq.									**Rig Activity**
pH @ Deg C		9.50 @ 23	9.00 @ 23					8.00	9.50	Maintained volume using reserve premixes. Received 750 bbls KCL brine from Valkyrie.
ALK Mud	Pm	0.15	0.10							
ALK Filt	Pf/Mf	0.05/0.25	0.05/0.20							Continued to rig up and pressure test Kill and Surface Lines. Racked back 5.5' DP in Derrick and started to make up BHA. Had problem with Slumberger Nuc cell, replaced and proceeded to make up BHA for 12.25" section.
Chlorides	mg/l	35,000	34,000							
Tot. Hardness	mg/l	300	200							
LGS/HGS	% by Vol	1.1/-0.2	1.6/-0.4							
LGS/HGS	ppb	9.64/-2.90	14.16/-5.92							
ASG	SG	2.234	2.041							
Additional Properties										
Potassium Ion	ppm	36,711	35,723							

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
KCL Tech Grade (bulk)	1000 kg bulk	37.000	25.000	32.000	30.000	$24,032.00
BARAZAN D PLUS	25 kg bag	225		55	170	$8,373.20
DEXTRID LTE	25 kg sack	312		175	137	$7,098.00
PAC-L	25 kg bag	183		85	98	$6,958.95
BARABLOK	50 lb bag	300		200	100	$6,078.00
Hme Energizer	5 gal can	32		10	22	$1,204.50
ALDACIDE G	5 gal can	32		15	17	$1,048.50
potassium hydroxide	25 kg bag	36		5	31	$224.90
soda ash	25 kg bag	73		10	63	$132.50
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	65.000			65.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	30			30	
CLAYSEAL PLUS	216 kg drum	18	40		58	
CON DET	55 gal drum	4			4	
EZ SPOT	55 gal drum	8			8	
EZ-MUD DP	25 kg bag	90			90	
guar gum	25 kg bag	34			34	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	

Daily Products Cost	$55,150.55	Total Daily Cost	$57,650.55
Cumulative Products Cost	$89,318.10	Total Cumulative Cost	$113,068.10

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	
Circulating	
Trips	
Rig	0.3
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	23.8
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits		Dewatering		SCE	
Total Hole		Sea Water		Evaporation	
Total Circ		Whole Mud		Trips	
Reserve		Barite		Other	
Prev Vol		Chemicals		Total Surface	
Net Change		Other		Downhole	
Total Vol	2394.0	Total		Total Losses	

Fluid Types	Vol bbl
KCl/Polymer	2394.0

Deviation Information	
Survey MD	m
Survey TVD	m
Angle	Deg
Direction	
Horiz Displ.	m

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 008

Daily Drilling Fluid Report

Date 11/22/2008	**Depth** 1,296.0 m		
Spud Date 11/15/2008	**Rig Activity** Drilling		
Operator BEACH PETROLEUM	**Report For** Sean De Freitas/ Peter Dane	**Well Name** PeeJay-1	
Contractor Seadrill	**Report For** Clinton Franklin	**Rig Name** West Triton	**Unit System** ADA/BEACH PETROLEUM
Country Australia	**State/Province/Region** Tasmania	**Geographic Area/County** Bass Strait	**Field or Block** T 39P

Bit Information

Bit Size	12.250	in
Make/Type	HYCALOG/RSX 616M	
Jets	3x15|3x13	
TFA	0.907	sq-in
Jets Velocity	130.3	m/sec
Jet Impact Force	2546.0	lbf
Bit HHSI	9.29	hhp/in2
Press Drop @ Bit	1550	psi
Bit Depth	1,296.0	m
ECD @ Csg Shoe	9.74	ppg
ECD @ Bit	9.76	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.250	1,181.3
Drill Pipe	5.000	3.000	56.2
Drill Collar	8.250	2.813	47.2
Other	8.250	0.000	2.4
Motor	9.620	0.000	8.8
Riser	28.000		20.0
Open Hole	12.250		486.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Leak Off ppg 15.60

Circulation/Hydraulics Data

Model	Nat-14-P-220		Nat-14-P-220		Nat-14-P-220	
Bore in	6.500		6.500		6.500	
Strokes in	14.000		14.000		14.000	
Eff(%)	97		97		97	
bbl/strk	0.139		0.139		0.139	
SPM	69		69		69	
gpm|bbl/min	404	9.61	404	9.61	404	9.61
Total GPM	1,211	AV, Riser	12.0	Circ Press psi	2170	
Total Circ Time	35	AV min DP	72.4	Tot Pres Loss	3437	
BU Time , min	19	AV max DC	110.4	Press Drop DP	1534	
Total Strokes	7,182	BU Strokes	3,831	Press Drop An	59	

Properties		1	2	3	Hyd 4
Source		Pit #8	Flow Line	Flow Line	Pit #6
Time		2:30	13:00	16:00	21:30
Depth	m	810	910	1,002	1,209
FL Temp	Deg C		37	41	44
Density @ Deg C	ppg	8.80 @ 25	8.80 @ 32	8.95 @ 37	9.50 @ 33
FV @ Deg C	sec/qt	83	50 @ 32	50 @ 37	65 @ 33
PV @ Deg C	cP	19 @ 49	17 @ 49	20 @ 49	19 @ 49
YP	lbs/100 ft2	22	23	28	32
GELS	lbs/100 ft2	5/7/8	5/7/8	7/8/10	7/9/11
600/300		60.0/41.0	57.0/40.0	68.0/48.0	70.0/51.0
200/100		31.0/22.0	33.0/23.0	39.0/28.0	41.0/29.0
6/3		6.0/4.0	8.0/7.0	10.0/8.0	8.0/6.0
API Filt	ml/30 min	6.0	5.5	5.4	4.2
HTHP @ Deg C	ml/30 min				
Cake API/HTHP	32nd in	1/-	1/-	1/ -	1/-
Corr Solid	% by Vol	1.2	0.9	1.9	3.1
NAP/Water	% by Vol	-/96.0	-/96.0	-/95.0	-/94.0
Sand	% by vol				
MBT	ppb Eq.	5.0		1.2	
pH @ Deg C		9.00 @ 23	9.10 @ 20	9.20 @ 22	9.50 @ 22
ALK Mud	Pm	0.10	0.55	0.61	0.72
ALK Filt	Pf/Mf	0.05/0.20	0.25/1.70	0.30/2.10	0.40/2.60
Chlorides	mg/l	34,000	37,000	37,000	35,000
Tot. Hardness	mg/l	240	840	360	240
LGS/HGS	% by Vol	1.6/-0.4	1.3/-0.4	2.2/-0.3	0.3/2.8
LGS/HGS	ppb	14.16/-5.92	11.69/-5.70	20.00/-3.92	2.61/41.82
ASG	SG	2.041	1.908	2.379	4.053
Additional Properties					
Potassium Ion	ppm	36,137	36,711	37,236	36,711

Targets

Program

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 750 bbls (119 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Drilled plugs and 1/2 shoetrack using seawater. Pumped 50 bbl hi-vis spacer and displaced to KCL/Polymer mud. Treated for cmt contamination using citric acid & soda ash. Once alkalinity and Ca++ content had normalised, added 1ppb PHPA & 2% v/v Clayseal Plus. At 880 m, changed to finer screens. At 1100m started raising MW as per ADA request to 9.5 ppg by 1200m.

Rig Activity

Adding Barazan for rheology and maintained dilutions using reserve mud. KCL content = 7.1% bv. Received 20 MT barite from Valkyrie.

Shallow test Shlumberger tools. Pick up 5.5" DP and ran in hole to 781m. Washed and reamed F 781 to 792m. Drilled out float and continued to ream to shoe at 804m.Drilled out shoe, rat hole to 810m while displacing hole with 8.8 ppg fluid. Drilled F810 to 813m into new formation and ran L.O.Test 928 psi/8.8 ppg. Continued drilling from 883- 1296m

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
CLAYSEAL PLUS	216 kg drum	58	16	26	48	$24,872.64
barite	1000 kg bulk	65.000	20.000	13.000	72.000	$6,173.44
EZ-MUD DP	25 kg bag	90		42	48	$3,604.86
BARAZAN D PLUS	25 kg bag	170		6	164	$913.44
citric acid	25 kg bag	30		10	20	$462.40
soda ash	25 kg bag	63		10	53	$132.50
ALDACIDE G	5 gal can	17			17	
BARABLOK	50 lb bag	100			100	
BARA-DEFOAM W300	5 gal can	16			16	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	137			137	
EZ SPOT	55 gal drum	8	4		12	
guar gum	25 kg bag	34	60		94	
Hme Energizer	5 gal can	22			22	
KCL Tech Grade (bulk)	1000 kg bulk	30.000			30.000	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	98			98	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	10 120	19.0
VSM-300	10 80	19.0
VSM-300	10 80	19.0
VSM-300	10 140	19.0

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	18.0
Circulating	
Trips	2.0
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	4.0
Total	24.0
Rotating	18.0
ROP	27.0
Dil Rate	0.00

Fluid Volume Breakdown — KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	533.8	Base		Fluid Dumped	
Pipe Cap	68.9	Drill Water		Transferred	
Active Pits	398.0	Dewatering		SCE	-144.2
Total Hole	602.8	Sea Water		Evaporation	
Total Circ	1000.8	Whole Mud		Trips	
Reserve	1291.0	Barite	19.5	Other	
Prev Vol	2394.0	Chemicals	42.5	Total Surface	-20.0
Net Change	-102.2	Other		Downhole	
Total Vol	2291.8	Total	62.0	Total Losses	-164.2

Fluid Types Vol bbl

Deviation Information

Survey MD	1,019.0	m
Survey TVD	1,019.0	m
Angle	0.43	Deg
Direction	112	
Horiz Displ.	5.8	m

Daily Products Cost	$36,159.28	Total Daily Cost	$38,659.28
Cumulative Products Cost	$125,477.38	Total Cumulative Cost	$151,727.38

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Baroid Fluid Services

Report No 009

Daily Drilling Fluid Report

Date 11/23/2008	**Depth** 1,454.0 m		
Spud Date 11/15/2008	**Rig Activity** Make Up BHA.		
Operator BEACH PETROLEUM	**Report For** Sean De Freitas/ Peter Dane	**Well Name** PeeJay-1	
Contractor Seadrill	**Report For** Clinton Franklin	**Rig Name** West Triton	**Unit System** ADA/BEACH PETROLEUM
Country Australia	**State/Province/Region** Tasmania	**Geographic Area/County** Bass Strait	**Field or Block** T 39P

Bit Information		Drill String (in) / (m)	OD	ID	Length	in Casing m	OD	Set	MD	Circulation/Hydraulics Data			
Bit Size	12.250 in									Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Make/Type	HYCALOG/RSX 616M	Drill Pipe	5.500	4.250	1,339.3	30.000	@		218.0	Bore in	6.500	6.500	6.500
Jets	3x15|3x13	Drill Pipe	5.000	3.000	56.2	13.375	@		810.0	Strokes in	14.000	14.000	14.000
TFA	0.907 sq-in	Drill Collar	8.250	2.813	47.2					Eff(%)	97	97	97
Jets Velocity	m/sec	Other	8.250	0.000	2.4					bbl/strk	0.139	0.139	0.139
Jet Impact Force	lbf	Motor	9.620	0.000	8.8					SPM	0	0	0
Bit HHSI	hhp/in2									gpm|bbl/min			
Press Drop @ Bit	psi									Total GPM	AV, Riser	Circ Press psi	
Bit Depth	1,454.0 m	Riser	28.000		20.0					Total Circ Time	AV min DP	Tot Pres Loss	
ECD @ Csg Shoe	9.50 ppg	Open Hole	12.250		644.0					BU Time , min	AV max DC	Press Drop DP	
ECD @ Bit	9.50 ppg					Leak Off ppg			15.60	Total Strokes	BU Strokes	Press Drop An	

Properties		1	Hyd 2	3	4	Targets	Program
Source		Pit #6	Pit #6	Pit #6			
Time		2:45	9:25	16:30			
Depth	m	1,352	1,450	1,454			
FL Temp	Deg C	40	42				
Density @ Deg C	ppg	9.45 @ 33	9.50 @ 36	9.50 @ 28			
FV @ Deg C	sec/qt	68 @ 33	64 @ 36	65 @ 28			
PV @ Deg C	cP	22 @ 49	22 @ 49	22 @ 49			
YP	lbs/100 ft2	30	34	36			
GELS	lbs/100 ft2	10/13/15	10/12/16	10/12/15			
600/300		74.0/52.0	78.0/56.0	80.0/58.0			
200/100		42.0/30.0	47.0/35.0	48.0/36.0			
6/3		11.0/9.0	11.0/10.0	11.0/10.0			
API Filt	ml/30 min	4.2	3.8	4.0			
HTHP @ Deg C	ml/30 min		9.8 @ 120				
Cake API/HTHP	32nd in	1/-	1/2	1/ -			
Corr Solid	% by Vol	4.2	4.1	4.1			
NAP/Water	% by Vol	-/93.0	-/93.0	-/93.0			
Sand	% by vol	0.50	1.25	1.30			
MBT	ppb Eq.	2.5	2.5	2.5			
pH @ Deg C		9.00 @ 22	8.90 @ 23	8.90 @ 23			
ALK Mud	Pm	0.35	0.25	0.26			
ALK Filt	Pf/Mf	0.25/1.21	0.10/1.10	0.10/1.12			
Chlorides	mg/l	35,000	36,000	36,000			
Tot. Hardness	mg/l	300	400	400			
LGS/HGS	% by Vol	2.7/1.5	2.2/1.8	2.2/1.8			
LGS/HGS	ppb	24.55/21.56	20.34/27.14	20.34/27.14			
ASG	SG	3.164	3.324	3.324			
Additional Properties							
Potassium Ion	ppm	36,711	38,285	38,285			

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 278 bbls (44 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Due to massive sands causing blinding, reduced the pump rate & screened down to largest screen size possible 20/50 but mud losses continued over shakers. Plugged hoppers slowed down mixing rate resulting in difficulty keeping up with volume. From 1450 m discontinued with PHPA (EZ-MUD DP) additions due to the plugging of hoppers. Adding barite as required to maintain 9.5 ppg.

Rig Activity

Adding Barazan to raise low-end rheologies. Total shaker losses today = 585 bbls. KCL content: 7.3% bw Prepared slug for POOH. Continue building reserve mud.

Continued drilling F 1296 to 1454m, POOH F 1454 to Surface to change out Drill Bit and service MWD tools.
Retrieved data from MWD tools, prepared shaker house for drilling.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
CLAYSEAL PLUS	216 kg drum	48		23	25	$22,002.72
KCL Tech Grade (bulk)	1000 kg bulk	30.000		15.700	14.300	$11,790.70
BARAZAN D PLUS	25 kg bag	164		47	117	$7,155.28
PAC-L	25 kg bag	98		39	59	$3,192.93
DEXTRID LTE	25 kg sack	137		61	76	$2,474.16
EZ-MUD DP	25 kg bag	48		21	27	$1,802.43
BARABLOK	50 lb bag	100		20	80	$607.80
Hme Energizer	5 gal can	22		4	18	$481.80
ALDACIDE G	5 gal can	17		5	12	$349.50
potassium hydroxide	25 kg bag	31		5	26	$224.90
soda ash	25 kg bag	53		2	51	$26.50
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	72.000			72.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	20			20	
CON DET	55 gal drum	4			4	
EZ SPOT	55 gal drum	12			12	
guar gum	25 kg bag	94			94	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	

Daily Products Cost	$50,108.72	Total Daily Cost	$52,608.72
Cumulative Products Cost	$175,586.10	Total Cumulative Cost	$204,336.10

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	20 50	14.5
VSM-300	20 50	14.5
VSM-300	20 50	14.5
VSM-300	20 50	14.5

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	14.5
Circulating	
Trips	7.0
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	2.5
Total	24.0
Rotating	14.5
ROP	10.9
Dil Rate	0.00

Fluid Volume Breakdown KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	593.5	Base		Fluid Dumped	
Pipe Cap	77.8	Drill Water	510.0	Transferred	
Active Pits	461.1	Dewatering		SCE	-585.6
Total Hole	671.3	Sea Water		Evaporation	
Total Circ	1132.4	Whole Mud		Trips	
Reserve	1202.0	Barite		Other	
Prev Vol	2291.8	Chemicals	118.4	Total Surface	
Net Change	42.8	Other		Downhole	
Total Vol	2334.4	Total	628.4	Total Losses	-585.6

Fluid Types Vol bbl

Deviation Information

Survey MD	1,019.0 m
Survey TVD	1,019.0 m
Angle	0.43 Deg
Direction	112
Horiz Displ.	5.8 m

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Baroid Fluid Services

Report No 010

Daily Drilling Fluid Report

Date	11/24/2008	**Depth**	1,609.0 m
Spud Date	11/15/2008	**Rig Activity**	Make Up BHA

Operator	BEACH PETROLEUM	**Report For**	Sean De Freitas/ Peter Dane
Well Name	PeeJay-1		
Contractor	Seadrill	**Report For**	Clinton Franklin
Rig Name	West Triton	**Unit System**	ADA/BEACH PETROLEUM
Country	Australia	**State/Province/Region**	Tasmania
Geographic Area/County	Bass Strait	**Field or Block**	T 39P

Bit Information

Bit Size	12.250	in
Make/Type	HUGHES/MXL-C30 HDX	
Jets	3x20	
TFA	0.920	sq-in
Jets Velocity	129.1	m/sec
Jet Impact Force	2534.4	lbf
Bit HHSI	9.16	hhp/in2
Press Drop @ Bit	1521	psi
Bit Depth	1,609.0	m
ECD @ Csg Shoe	9.79	ppg
ECD @ Bit	9.82	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.250	1,468.4
Drill Pipe	5.000	3.000	56.2
Drill Collar	8.250	2.813	75.6
Motor	9.620	0.000	8.8
Riser	28.000		20.0
Open Hole	12.250		799.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Leak Off ppg 15.60

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	104	0	104
gpm|bbl/min	609 | 14.49		609 | 14.49
Total GPM	1,217	AV, Riser	12.1
Total Circ Time	41	AV min DP	72.7
BU Time , min	22	AV max DC	110.9
Total Strokes	8,474	BU Strokes	4,658
Circ Press psi	2900		
Tot Pres Loss	3858		
Press Drop DP	1957		
Press Drop An	88		

Properties		1	2	Hyd 3	4	Targets	Program
Source		Pit #6	Flow Line	Pit #6			
Time		3:00	16:30	23:00			
Depth	m	1,454	1,517	1,590			
FL Temp	Deg C		51	48			
Density @ Deg C	ppg	9.50 @ 25	9.50 @ 40	9.50 @ 33			
FV @ Deg C	sec/qt	68 @ 25	60 @ 40	75 @ 33			
PV @ Deg C	cP	22 @ 49	18 @ 49	20 @ 49			
YP	lbs/100 ft2	36	30	34			
GELS	lbs/100 ft2	10/12/15	10/12/13	12/16/18			
600/300		80.0/58.0	66.0/48.0	74.0/54.0			
200/100		48.0/36.0	40.0/30.0	45.0/34.0			
6/3		11.0/9.0	11.0/10.0	12.0/10.0			
API Filt	ml/30 min	4.0	4.4	4.8			
HTHP @ Deg C	ml/30 min		9.4 @ 120				
Cake API/HTHP	32nd in	1/-	1/2	1/ -			
Corr Solid	% by Vol	4.2	4.2	5.1			
NAP/Water	% by Vol	-/93.0	-/92.8	-/92.0			
Sand	% by vol		1.50	1.80			
MBT	ppb Eq.	2.5	2.5	2.5			
pH @ Deg C		9.00 @ 23	8.90 @ 25	9.50 @ 25			
ALK Mud	Pm	0.25	0.22	0.30			
ALK Filt	Pf/Mf	0.10/1.10	0.12/1.05	0.16/1.10			
Chlorides	mg/l	35,000	36,500	36,000			
Tot. Hardness	mg/l	400	320	320			
LGS/HGS	% by Vol	2.3/1.8	2.6/1.6	4.3/0.8			
LGS/HGS	ppb	21.14/27.07	23.65/24.23	38.87/12.39			
ASG	SG	3.308	3.221	2.864			
Additional Properties							
Potassium Ion	ppm	38,285	38,809	0			

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 785 bbls (125 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Built reserve premixes of KCL/Polymer mud. EZ-MUD DP (powder) eliminated from all premixes due to hopper plugging. EZ-MUD Liquid has been ordered. Added KOH to maintain alkalinity. Mud losses continue over shakers due to sand blinding, varying between 15-26 bbls/hr. KCL content: 7.4% bw. Maintain BARABLOK additions to all volumes at 4 ppb. Increased PAC-L content to 3 ppb for premixes in the absence of EZ-MUD DP.Added KOH for alkalinity maintenance and soda ash to trim hardness.

Rig Activity

Prepare MWD tool, Pick up new bit and BHA and RIH. Continue to Rih in hole F 174-1454m, wash and reamed last stand. Drilled from 1454-1609m. Continuous problems with shakers, non adjustable. Used appropriate screens for drilling this lithology to no avail kept on taking large loses over shakers, due to high ROP and SPM at times.

Notwithstanding the Centrifuge, Desander and Desilter equipment was out of order.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
CLAYSEAL PLUS	216 kg drum	25		10	15	$9,566.40
KCL Tech Grade (bulk)	1000 kg bulk	14.300	25.000	8.100	31.200	$6,083.10
BARAZAN D PLUS	25 kg bag	117		32	85	$4,871.68
PAC-L	25 kg bag	59		34	25	$2,783.58
DEXTRID LTE	25 kg sack	76		52	24	$2,109.12
BARABLOK	50 lb bag	80		20	60	$607.80
Hme Energizer	5 gal can	18		4	14	$481.80
potassium hydroxide	25 kg bag	26		9	17	$404.82
soda ash	25 kg bag	51		20	31	$265.00
ALDACIDE G	5 gal can	12		2	10	$139.80
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	72.000			72.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	20			20	
CON DET	55 gal drum	4			4	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	

Daily Products Cost	$27,313.10	Total Daily Cost	$29,813.10
Cumulative Products Cost	$202,899.20	Total Cumulative Cost	$234,149.20

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	20 50	15.5
VSM-300	20 50	15.5
VSM-300	20 50	15.5
VSM-300	20 50	15.5

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	15.5
Circulating	1.0
Trips	6.0
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	1.5
Total	24.0
Rotating	15.5
ROP	10.0
Dil Rate	0.00

Fluid Volume Breakdown — KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	649.1	Base		Fluid Dumped	
Pipe Cap	85.7	Drill Water	737.0	Transferred	
Active Pits	446.0	Dewatering		SCE	-179.6
Total Hole	734.8	Sea Water		Evaporation	-2.3
Total Circ	1180.8	Whole Mud		Trips	
Reserve	1772.2	Barite		Other	-1.0
Prev Vol	2334.4	Chemicals	64.6	Total Surface	
Net Change	618.7	Other		Downhole	
Total Vol	2953.0	Total	801.6	Total Losses	-182.9

Fluid Types Vol bbl

Deviation Information

Survey MD	1,019.0	m
Survey TVD	1,019.0	m
Angle	0.43	Deg
Direction	112	
Horiz Displ.	5.8	m

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Baroid Fluid Services

Report No 011

Daily Drilling Fluid Report

Date	11/25/2008	**Depth**	1,838.0 m
Spud Date	11/15/2008	**Rig Activity**	Drilling

Operator	BEACH PETROLEUM	**Report For**	Sean De Freitas/ Peter Dane
Well Name	PeeJay-1		
Contractor	Seadrill	**Report For**	Clinton Franklin
Rig Name	West Triton	**Unit System**	ADA/BEACH PETROLEUM
Country	Australia	**State/Province/Region**	Tasmania
Geographic Area/County	Bass Strait	**Field or Block**	T 39P

Bit Information

Bit Size	12.250	in
Make/Type	HUGHES/MXL-C30 HDX	
Jets	3x20	
TFA	0.920	sq-in
Jets Velocity	127.8	m/sec
Jet Impact Force	2485.9	lbf
Bit HHSI	8.90	hhp/in2
Press Drop @ Bit	1492	psi
Bit Depth	1,838.0	m
ECD @ Csg Shoe	9.78	ppg
ECD @ Bit	9.81	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.250	1,697.4
Drill Pipe	5.000	3.000	56.2
Drill Collar	8.250	2.813	75.6
Motor	9.620	0.000	8.8
Riser	28.000		20.0
Open Hole	12.250		1,028.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Leak Off ppg 15.60

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	103	103	0
gpm|bbl/min	603 14.35	603 14.35	
Total GPM	1,206	AV, Riser	11.9
Total Circ Time	43	AV min DP	72.0
BU Time , min	26	AV max DC	109.8
Total Strokes	8,857	BU Strokes	5,279
Circ Press psi	3115		
Tot Pres Loss	3998		
Press Drop DP	2115		
Press Drop An	98		

Properties		1	2	Hyd 3	4	Targets	Program
Source		Pit #6	Flow Line	Flow Line	Pit #6		
Time		4:45	8:15	16:30	22:19		
Depth	m	1,636	1,678	1,737	1,818		
FL Temp	Deg C	50	54	55	62		
Density @ Deg C	ppg	9.50 @ 33	9.50 @ 45	9.50 @ 44	9.50 @ 45		
FV @ Deg C	sec/qt	76 @ 33	58 @ 45	55 @ 44	56 @ 45		
PV @ Deg C	cP	20 @ 49	16 @ 49	19 @ 49	19 @ 49		
YP	lbs/100 ft2	36	31	34	35		
GELS	lbs/100 ft2	12/15/17	11/15/17	12/15/18	12/15/17		
600/300		76.0/56.0	63.0/47.0	72.0/53.0	73.0/54.0		
200/100		45.0/32.0	39.0/30.0	44.0/33.0	45.0/34.0		
6/3		11.0/10.0	12.0/10.0	12.0/10.0	13.0/11.0		
API Filt	ml/30 min	5.2	4.6	4.9	4.4		
HTHP @ Deg C	ml/30 min		10.0 @ 120				
Cake API/HTHP	32nd in	1/-	1/2	1/ -	1/-		
Corr Solid	% by Vol	5.1	4.5	3.9	4.9		
NAP/Water	% by Vol	-/92.0	-/92.5	-/93.0	-/92.0		
Sand	% by vol	2.00	1.25	1.00	0.80		
MBT	ppb Eq.	2.5	2.5	2.5	2.5		
pH @ Deg C		9.50 @ 25	8.90 @ 25	8.80 @ 25	9.50 @ 25		
ALK Mud	Pm	0.31	0.28	0.30	0.30		
ALK Filt	Pf/Mf	0.18/1.12	0.18/3.50	0.20/3.80	0.20/3.60		
Chlorides	mg/l	36,500	37,500	37,600	38,100		
Tot. Hardness	mg/l	240	200	200	160		
LGS/HGS	% by Vol	4.2/0.8	3.1/1.4	2.1/1.9	4.1/0.9		
LGS/HGS	ppb	38.48/12.43	28.41/19.88	19.05/27.26	37.20/12.55		
ASG	SG	2.867	3.084	3.352	2.876		
Additional Properties							
Potassium Ion	ppm	36,711	36,900	37,236	37,276		

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 460 bbls (73 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).
Intermittent shaker losses continue due to blinding off by the sands. Maintained volume using reserve premixes. Added to active PAC-LE to retain WL control and KOH for alkalinity. With slow ROP, changed to finer screens on shakers 1 and 2 to API 120 mesh, stripping out large volumes of sand and fines. KCL content: 7.0% bm. Receiving 750 bbls 20% bw KCL brine from Valkyrie in progress, this will be reflected on next report. Added 7 x KOH to increase pH.

Rig Activity

Drilled from 1609-1680m. Lubricated rig equipment and continued drilling from 1680-1838m.

Total KCl polymer fluid in pits 1720 bbls.
Slug 22 bbls.
Trip Tank 64 bbls.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
CLAYSEAL PLUS	216 kg drum	15	8	10	13	$9,566.40
KCL Tech Grade (bulk)	1000 kg bulk	31.200		8.000	23.200	$6,008.00
PAC-L	25 kg bag	25	72	42	55	$3,438.54
DEXTRID LTE	25 kg sack	24	72	59	37	$2,393.04
BARAZAN D PLUS	25 kg bag	85		12	73	$1,826.88
ALDACIDE G	5 gal can	10	32	7	35	$489.30
Hme Energizer	5 gal can	14	16	4	26	$481.80
potassium hydroxide	25 kg bag	17		8	9	$359.84
BARABLOK	50 lb bag	60		10	50	$303.90
soda ash	25 kg bag	31		9	22	$119.25
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	72.000			72.000	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	35			35	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	20			20	
CON DET	55 gal drum	4			4	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	20 120	24.0
VSM-300	20 120	24.0
VSM-300	20 50	24.0
VSM-300	20 50	24.0

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	23.5
Circulating	
Trips	
Rig	0.5
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	
Total	24.0
Rotating	23.5
ROP	9.7
Dil Rate	0.00

Fluid Volume Breakdown KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	735.6	Base		Fluid Dumped	
Pipe Cap	98.5	Drill Water	420.0	Transferred	
Active Pits	400.0	Dewatering		SCE	-626.1
Total Hole	834.2	Sea Water		Evaporation	
Total Circ	1234.2	Whole Mud		Trips	
Reserve	1575.0	Barite		Other	
Prev Vol	2953.0	Chemicals	62.2	Total Surface	
Net Change	-143.9	Other		Downhole	
Total Vol	2809.2	Total	482.2	Total Losses	-626.1

Fluid Types Vol bbl

Deviation Information

Survey MD	1,818.4	m
Survey TVD	1,818.3	m
Angle	0.58	Deg
Direction	34	
Horiz Displ.	7.1	m

Daily Products Cost	$24,986.95	Total Daily Cost	$27,486.95
Cumulative Products Cost	$227,886.15	Total Cumulative Cost	$261,636.15

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
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Baroid Fluid Services

Report No 012

Daily Drilling Fluid Report

Date	11/26/2008	**Depth**	2,058.0 m
Spud Date	11/15/2008	**Rig Activity**	Drilling

Operator	BEACH PETROLEUM	**Report For**	Sean De Freitas/ Peter Dane
Well Name	PeeJay-1		
Contractor	Seadrill	**Report For**	Clinton Franklin
Rig Name	West Triton	**Unit System**	ADA/BEACH PETROLEUM
Country	Australia	**State/Province/Region**	Tasmania
Geographic Area/County	Bass Strait	**Field or Block**	T 39P

Bit Information

Bit Size	12.250	in
Make/Type	HUGHES/MXL-C30 HDX	
Jets	3x20	
TFA	0.920	sq-in
Jets Velocity	127.8	m/sec
Jet Impact Force	2485.9	lbf
Bit HHSI	8.90	hhp/in2
Press Drop @ Bit	1492	psi
Bit Depth	2,058.0	m
ECD @ Csg Shoe	9.77	ppg
ECD @ Bit	9.79	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.250	1,917.4
Drill Pipe	5.000	3.000	56.2
Drill Collar	8.250	2.813	75.6
Motor	9.620	0.000	8.8
Riser	28.000		20.0
Open Hole	12.250		1,248.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Leak Off ppg 15.60

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	103	103	0
gpm|bbl/min	603 14.35	603 14.35	

Total GPM	1,206	AV, Riser	11.9	Circ Press psi	3150
Total Circ Time	49	AV min DP	72.0	Tot Pres Loss	4197
BU Time , min	29	AV max DC	109.8	Press Drop DP	2309
Total Strokes	10,037	BU Strokes	5,876	Press Drop An	103

Properties

		1	2	Hyd 3	4
Source		Pit #6	Flow Line	Flow Line	Pit #6
Time		3:53	9:00	15:00	20:19
Depth	m	1,887	1,934	1,980	2,033
FL Temp	Deg C	60	61	63	66
Density @ Deg C	ppg	9.50 @ 45	9.50 @ 51	9.50 @ 55	9.45 @ 57
FV @ Deg C	sec/qt	54 @ 45	53 @ 51	51 @ 55	61 @ 57
PV @ Deg C	cP	19 @ 49	19 @ 49	18 @ 49	18 @ 49
YP	lbs/100 ft2	36	32	31	32
GELS	lbs/100 ft2	12/15/17	10/13/16	10/12/14	10/13/15
600/300		74.0/55.0	70.0/51.0	67.0/49.0	68.0/50.0
200/100		46.0/35.0	43.0/32.0	41.0/31.0	42.0/30.0
6/3		13.0/12.0	11.0/10.0	12.0/10.0	13.0/11.0
API Filt	ml/30 min	4.6	4.7	4.8	5.0
HTHP @ Deg C	ml/30 min		9.4 @ 120		
Cake API/HTHP	32nd in	1/-	1/2	1/ -	1/-
Corr Solid	% by Vol	3.9	3.9	3.9	3.9
NAP/Water	% by Vol	-/93.0	-/93.0	-/93.0	-/93.0
Sand	% by vol	0.75	0.75	0.75	0.50
MBT	ppb Eq.	2.5	2.5	2.5	2.5
pH @ Deg C		9.50 @ 25	9.00 @ 25	9.00 @ 25	9.50 @ 25
ALK Mud	Pm	0.31	0.34	0.31	0.30
ALK Filt	Pf/Mf	0.20/3.70	0.21/1.23	0.20/1.21	0.20/1.20
Chlorides	mg/l	37,700	38,000	38,500	38,000
Tot. Hardness	mg/l	240	200	200	240
LGS/HGS	% by Vol	2.1/1.9	2.1/1.9	2.0/1.9	2.4/1.5
LGS/HGS	ppb	18.97/27.27	18.73/27.30	18.33/27.34	22.14/21.78
ASG	SG	3.353	3.359	3.368	3.206
Additional Properties					
Potassium Ion	ppm	36,900	37,236	37,200	37,100

Targets / Program

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Screened up on shaker #2 to API 120 mesh. Now 3 shakers on fine API 120 mesh while shaker #4 remains on API 50 mesh to help control shaker loss due to sands blinding off. Adding KOH on occasions for pH maintenance. Ongoing dilutions to active for volume. Barite additions to maintain MW at 9.5 ppg. Received 750 bbls brine + barite from Valkyrie. KCL content: 7.1% bw

Rig Activity

Drilled F 1838-1916m, lubricated rig and repaired air connection on shakers # 3 and 4. Continued drilling F 1916-2058.

Volume of KCl in pits 1-8 1062 bbls.
Slug 63 bbls.
Trip Tank 23 bbls.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
barite	1000 kg bulk	72.000	38.500	3.000	107.500	$1,424.64
KCL Tech Grade (bulk)	1000 kg bulk	23.200	25.000	1.800	46.400	$1,351.80
BARAZAN D PLUS	25 kg bag	73		3	70	$456.72
potassium hydroxide	25 kg bag	9		5	4	$224.90
caustic soda	25 kg pail	35		2	33	$88.38
ALDACIDE G	5 gal can	35			35	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	20			20	
CLAYSEAL PLUS	216 kg drum	13			13	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	37			37	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Hme Energizer	5 gal can	26			26	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	55			55	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	20 120	24.0
VSM-300	20 120	24.0
VSM-300	20 120	24.0
VSM-300	20 50	24.0

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	23.5
Circulating	
Trips	
Rig	0.5
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	
Total	24.0
Rotating	23.5
ROP	9.4
Dil Rate	0.00

Fluid Volume Breakdown — KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	818.8	Base		Fluid Dumped	
Pipe Cap	110.9	Drill Water		Transferred	
Active Pits	469.0	Dewatering		SCE	-565.0
Total Hole	929.6	Sea Water		Evaporation	-1.5
Total Circ	1398.6	Whole Mud		Trips	
Reserve	857.0	Barite	4.5	Other	
Prev Vol	2809.2	Chemicals	8.5	Total Surface	
Net Change	-553.5	Other		Downhole	
Total Vol	2255.6	Total	13.0	Total Losses	-566.5

Fluid Types Vol bbl

Deviation Information

Survey MD	1,995.4	m
Survey TVD	1,994.9	m
Angle	0.77	Deg
Direction	13	
Horiz Displ.	7.2	m

Daily Products Cost	$3,546.44	Total Daily Cost	$6,046.44
Cumulative Products Cost	$231,432.59	Total Cumulative Cost	$267,682.59

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 013

Daily Drilling Fluid Report

Date 11/27/2008	**Depth** 2,183.0 m		
Spud Date 11/15/2008	**Rig Activity** POOH		
Operator BEACH PETROLEUM	**Report For** Sean De Freitas/ Peter Dane	**Well Name** PeeJay-1	
Contractor Seadrill	**Report For** Mike Barry	**Rig Name** West Triton	**Unit System** ADA/BEACH PETROLEUM
Country Australia	**State/Province/Region** Tasmania	**Geographic Area/County** Bass Strait	**Field or Block** T 39P

Bit Information

Bit Size	12.250	in
Make/Type	HUGHES/MXL-C30 HDX	
Jets	3x20	
TFA	0.920	sq-in
Jets Velocity		m/sec
Jet Impact Force		lbf
Bit HHSI		hhp/in2
Press Drop @ Bit		psi
Bit Depth	793.0	m
ECD @ Csg Shoe	9.50	ppg
ECD @ Bit	9.50	ppg

Drill String (in) / (m)

	OD	ID	Length
Drill Pipe	5.500	4.250	652.4
Drill Pipe	5.000	3.000	56.2
Drill Collar	8.250	2.813	75.6
Motor	9.620	0.000	8.8
Riser	28.000		20.0
Open Hole	12.250		1,373.0

in Casing m

OD	Set	MD
30.000	@	218.0
13.375	@	810.0

Leak Off ppg 15.60

Circulation/Hydraulics Data

Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bore in	6.500	6.500	6.500
Strokes in	14.000	14.000	14.000
Eff(%)	97	97	97
bbl/strk	0.139	0.139	0.139
SPM	0	0	0
gpm|bbl/min			

Total GPM | AV, Riser | Circ Press psi
Total Circ Time | AV min DP | Tot Pres Loss
BU Time , min | AV max DC | Press Drop DP
Total Strokes | BU Strokes | Press Drop An

Properties		1	2	Hyd 3	4
Source		Pit #6	Flow Line	Flow Line	Pit #6
Time		4:34	8:30	16:15	22:30
Depth	m	2,080	2,095	2,179	2,183
FL Temp	Deg C	70	70	71	
Density @ Deg C	ppg	9.50 @ 57	9.50 @ 57	9.50 @ 60	9.50 @ 41
FV @ Deg C	sec/qt	55 @ 57	54 @ 57	55 @ 60	58 @ 41
PV @ Deg C	cP	18 @ 49	18 @ 49	19 @ 49	19 @ 49
YP	lbs/100 ft2	31	34	35	34
GELS	lbs/100 ft2	10/13/15	11/14/17	12/15/18	12/15/18
600/300		67.0/49.0	70.0/52.0	73.0/54.0	72.0/53.0
200/100		41.0/31.0	44.0/32.0	45.0/33.0	44.0/34.0
6/3		12.0/10.0	12.0/11.0	12.0/11.0	12.0/11.0
API Filt	ml/30 min	4.4	4.2	4.1	4.1
HTHP @ Deg C	ml/30 min		9.2 @ 120		
Cake API/HTHP	32nd in	1/-	1/2	1/ -	1/-
Corr Solid	% by Vol	3.8	3.6	3.6	3.6
NAP/Water	% by Vol	-/92.9	-/92.9	-/92.9	-/92.9
Sand	% by vol	0.50	0.50	0.50	0.50
MBT	ppb Eq.	2.5	2.5	2.5	2.5
pH @ Deg C		9.00 @ 25	9.00 @ 25	8.90 @ 25	8.90 @ 27
ALK Mud	Pm	0.30	0.33	0.31	0.29
ALK Filt	Pf/Mf	0.20/1.18	0.19/1.08	0.11/1.01	0.10/1.00
Chlorides	mg/l	40,500	42,500	42,500	42,500
Tot. Hardness	mg/l	240	200	200	200
LGS/HGS	% by Vol	2.0/1.8	1.9/1.8	1.9/1.8	1.9/1.8
LGS/HGS	ppb	18.55/26.03	16.90/26.21	16.90/26.21	16.90/26.21
ASG	SG	3.344	3.384	3.384	3.384
Additional Properties					
Potassium Ion	ppm	37,500	38,285	38,300	38,400

Targets | Program

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Maintained volume in active using reserve premix. Added Barazan D Plus to maintain low-end rheologies and suspension particularly during proposed logging. Using both KOH/caustic for alkalinity. KCL content: 7.3% bw, increasing slightly with premix dilutions. From 12:00 hrs added 5 bbls/hr drillwater to flowline to maintain water phase lost to evaporation with elevated flowline temp exceeding 70 degC. In pits1-8 804 bbls KCL mud and Slug 5 bbl, TT 27 bbls.

Rig Activity

Continued to run fine API 120 mesh screens on shakers 1, 2, 3 while allowing shaker 3 with API 50 mesh to absorb minor losses due to blinding from sands.

Drill F 2058-2183m, circulate hole clean and down link SLB Sonic Tool.

Flow Check and POOH F 2183-1947m. Pumped 25 bbl, 11.3 ppg slug and chase with 10 bbl of 9.5 ppg KCl polymer mud. POOH with 5.5 DP F 1947-793m. Flow checked for 10 mins, well static. Kick Drill: 80 D. Pumped an additional 25 bbl, 11.3 ppg slug and chase with 10 bbl of 9.5 ppg KCl polymer mud.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
BARAZAN D PLUS	25 kg bag	70		9	61	$1,370.16
potassium hydroxide	25 kg bag	4		4		$179.92
caustic soda	25 kg pail	33		2	31	$88.38
ALDACIDE G	5 gal can	35			35	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
barite	1000 kg bulk	107.500			107.500	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
citric acid	25 kg bag	20			20	
CLAYSEAL PLUS	216 kg drum	13			13	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	37			37	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Hme Energizer	5 gal can	26			26	
KCL Tech Grade (bulk)	1000 kg bulk	46.400			46.400	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	55			55	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300	20 120	16.5
VSM-300	20 120	16.5
VSM-300	20 120	16.5
VSM-300	20 50	16.5

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	16.5
Circulating	
Trips	6.0
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	1.5
Total	24.0
Rotating	16.5
ROP	7.6
Dil Rate	0.00

Fluid Volume Breakdown — KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus	340.5	Base		Fluid Dumped	
Pipe Cap	40.0	Drill Water		Transferred	
Active Pits	490.0	Dewatering		SCE	-185.4
Total Hole	1045.6	Sea Water		Evaporation	
Total Circ	870.6	Whole Mud		Trips	
Reserve	536.0	Barite		Other	
Prev Vol	2255.6	Chemicals	1.5	Total Surface	
Net Change	-183.9	Other		Downhole	
Total Vol	2071.6	Total	1.5	Total Losses	-185.4

Fluid Types Vol bbl

Deviation Information

Survey MD	1,995.4	m
Survey TVD	1,994.9	m
Angle	0.77	Deg
Direction	13	
Horiz Displ.	7.2	m

Daily Products Cost	$1,638.46	Total Daily Cost	$4,138.46
Cumulative Products Cost	$233,071.05	Total Cumulative Cost	$271,821.05

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
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Baroid Fluid Services

Report No 014

Daily Drilling Fluid Report

Date 11/28/2008		Depth 2,183.0 m	
Spud Date 11/15/2008		Rig Activity Setting cmt plugs	
Operator BEACH PETROLEUM	Report For Sean De Freitas/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Mike Barry	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information		Drill String (in) / (m)			in Casing m			Circulation/Hydraulics Data			
		OD	ID	Length	OD	Set	MD	Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Bit Size	in				30.000	@	218.0	Bore in	6.500	6.500	6.500
Make/Type					13.375	@	810.0	Strokes in	14.000	14.000	14.000
Jets								Eff(%)	97	97	97
TFA	sq-in							bbl/strk	0.139	0.139	0.139
Jets Velocity	m/sec							SPM	40	40	0
Jet Impact Force	lbf							gpm|bbl/min	234 5.57	234 5.57	
Bit HHSI	hhp/in2							Total GPM	468	AV, Riser	Circ Press psi 100
Press Drop @ Bit	psi							Total Circ Time	30	AV min DP	Tot Pres Loss
Bit Depth	m	Riser	28.000	20.0				BU Time , min		AV max DC	Press Drop DP
ECD @ Csg Shoe	9.50 ppg	Open Hole	12.250	1,373.0				Total Strokes	2,368	BU Strokes	Press Drop An
ECD @ Bit	ppg				Leak Off ppg		15.60				

Properties		Hyd 1	2	3	4	Targets	Program
Source		Pit #6	Pit #6				
Time		8:30	20:30				
Depth	m	2,183	2,183				
FL Temp	Deg C						
Density @ Deg C	ppg	9.50 @ 38	9.50 @ 42				
FV @ Deg C	sec/qt	61 @ 38	70 @ 42				
PV @ Deg C	cP	18 @ 49	19 @ 49				
YP	lbs/100 ft2	35	37				
GELS	lbs/100 ft2	12/14/18	13/15/19				
600/300		71.0/53.0	75.0/56.0				
200/100		45.0/33.0	47.0/35.0				
6/3		12.0/11.0	12.0/11.0				
API Filt	ml/30 min	4.1	4.3				
HTHP @ Deg C	ml/30 min						
Cake API/HTHP	32nd in	1/2	1/-				
Corr Solid	% by Vol	3.6	3.7				
NAP/Water	% by Vol	-/92.9	-/92.8				
Sand	% by vol	0.50	0.50				
MBT	ppb Eq.	2.5	2.5				
pH @ Deg C		8.80 @ 24	9.80 @ 24				
ALK Mud	Pm	0.28	1.42				
ALK Filt	Pf/Mf	0.18/1.00	0.41/2.31				
Chlorides	mg/l	42,500	42,500				
Tot. Hardness	mg/l	200	480				
LGS/HGS	% by Vol	1.9/1.8	2.1/1.7				
LGS/HGS	ppb	16.90/26.21	18.76/24.74				
ASG	SG	3.384	3.319				
Additional Properties							
Potassium Ion	ppm	38,400	38,400				

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls). Added BARAZAN D PLUS to Pit 4 as hi-vis. Barite used over the past 2 days for MW maintenance and preparation of slugs. Some mud loss at start of circulating in preparation for bottom cmt plug. Some evidence of sloughing hole with bottoms up. Spotted 50 bbl hi-vis from 1460-1360 m. Set cmt plug #1 from 1360-1230 m. After cmt job while circulating added citric acid to treat out cmt contamination. Observed large amount of formation coming over shakers when circulating, after 1st cmt job.

Rig Activity

POOH F 793-Surface, remove SLM RA Source From ADN and laid it out. Laid out BHA and Jewellery, laid out 5.5 HWDP, 8 1/4 Collars and Jars. Made up CMT stinger and RIH F 0-1449m, and circulated bottoms up. Pressure spike observed 194 bbl loses down hole.Spotted 50 bbl Hi Vis Pill F 1460-1360m, displaced with 92 bbl 9.5 ppg KCl polymer mud. Pumped 84 bbl of 15.8ppg G class cmt F 1360-1230m, Displace with 73 bbl of 9.5 KCl mud. POOH F 1143m-surface. Rig down zip bail and Rig up 5.5 DP elevators and tidy up rig floor.

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
barite	1000 kg bulk	107.500		26.000	81.500	$12,346.88
citric acid	25 kg bag	20		10	10	$462.40
BARAZAN D PLUS	25 kg bag	61		3	58	$456.72
ALDACIDE G	5 gal can	35			35	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	31			31	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
CLAYSEAL PLUS	216 kg drum	13			13	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	37			37	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Hme Energizer	5 gal can	26			26	
KCL Tech Grade (bulk)	1000 kg bulk	46.400			46.400	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	55			55	
potassium chloride	1000 kg bag	6			6	

Solids Control Equipment			
Shaker	Screens	Hrs	
VSM-300	20 120	4.5	
VSM-300	20 120	4.5	
VSM-300	20 120	4.5	
VSM-300	20 50	4.5	
Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		
Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time	
Drilling	
Circulating	5.0
Trips	10.5
Rig	0.5
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	8.0
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown		KCl/Polymer			
Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits	330.0	Dewatering		SCE	-266.2
Total Hole	1094.7	Sea Water		Evaporation	
Total Circ	330.0	Whole Mud		Trips	
Reserve	421.0	Barite	39.0	Other	
Prev Vol	2071.6	Chemicals	1.3	Total Surface	
Net Change	-225.9	Other		Downhole	
Total Vol	1845.7	Total	40.3	Total Losses	-266.2

Fluid Types	Vol bbl

Deviation Information		
Survey MD	1,995.4	m
Survey TVD	1,994.9	m
Angle	0.77	Deg
Direction	13	
Horiz Displ.	7.2	m

Daily Products Cost	$13,266.00	Total Daily Cost	$15,766.00
Cumulative Products Cost	$246,337.05	Total Cumulative Cost	$287,587.05

Baroid Representatives Mike Flexmore Kosta Georgiou

Office 90 Talinga Rd Melbourne Telephone 61-03-9581-7555

Warehouse c/o of Esso Australia Ltd Telephone 61-3-56-881-445

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Baroid Fluid Services

Report No 015

Daily Drilling Fluid Report

Date 11/29/2008		Depth 2,183.0 m	
Spud Date 11/15/2008		Rig Activity cut casing	
Operator BEACH PETROLEUM	Report For Sean De Freitas/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Mike Barry	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information		Drill String (in) / (m)			in Casing m			Circulation/Hydraulics Data			
		OD	ID	Length	OD	Set	MD				
Bit Size	in				30.000	@	218.0	Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Make/Type					13.375	@	810.0	Bore in	6.500	6.500	6.500
Jets								Strokes in	14.000	14.000	14.000
TFA	sq-in							Eff(%)	97	97	97
Jets Velocity	m/sec							bbl/strk	0.139	0.139	0.139
Jet Impact Force	lbf							SPM	0	0	0
Bit HHSI	hhp/in2							gpm|bbl/min			
Press Drop @ Bit	psi							Total GPM	AV, Riser	Circ Press psi	
Bit Depth 2,183.0	m	Riser	28.000	20.0				Total Circ Time	AV min DP	Tot Pres Loss	
ECD @ Csg Shoe	ppg	Open Hole	12.250	1,373.0				BU Time , min	AV max DC	Press Drop DP	
ECD @ Bit	ppg				Leak Off ppg		15.60	Total Strokes	BU Strokes	Press Drop An	

Properties		1	2	3	4	Targets	Program
Source							
Time							
Depth	m						
FL Temp	Deg C						
Density @ Deg C	ppg						
FV @ Deg C	sec/qt						
PV @ Deg C	cP						
YP	lbs/100 ft2						
GELS	lbs/100 ft2						
600/300							
200/100							
6/3							
API Filt	ml/30 min						
HTHP @ Deg C	ml/30 min						
Cake API/HTHP	32nd in						
Corr Solid	% by Vol						
NAP/Water	% by Vol						
Sand	% by vol						
MBT	ppb Eq.						
pH @ Deg C							
ALK Mud	Pm						
ALK Filt	Pf/Mf						
Chlorides	mg/l						
Tot. Hardness	mg/l						
LGS/HGS	% by Vol						
LGS/HGS	ppb						
ASG	SG						
Additional Properties							

Fluid Treatments

Fluid Type KCl/Polymer

KCL brine on hand: 1157 bbls (184 m3). Recorded in inventory as 1000 kg bags equivalent (1 bag ~ 30 bbls).

Spotted 50 bbl hiv-vis pill 934-834 m, set cmt plug #2: 834-704 m. While circulating after cmt job added citric acid to treat cmt contamination.

Rig Activity

Spot cement plugs

Product Name	Units	Start	Rec	Used	End	Cost
Drilling Fluids Engineer 2	day(s)			1		$1,250.00
Drilling Fluids Engineer	day(s)			1		$1,250.00
citric acid	25 kg bag	10		10		$462.40
ALDACIDE G	5 gal can	35			35	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag	58			58	
barite	1000 kg bulk	81.500			81.500	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	31			31	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
CLAYSEAL PLUS	216 kg drum	13			13	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	37			37	
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Hme Energizer	5 gal can	26			26	
KCL Tech Grade (bulk)	1000 kg bulk	46.400			46.400	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	55			55	
potassium chloride	1000 kg bag	6			6	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	
Circulating	
Trips	
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	24.0
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits	331.0	Dewatering		SCE	
Total Hole	1094.7	Sea Water		Evaporation	
Total Circ	331.0	Whole Mud		Trips	
Reserve	421.0	Barite		Other	
Prev Vol	1845.7	Chemicals	1.0	Total Surface	
Net Change	1.0	Other		Downhole	
Total Vol	1846.7	Total	1.0	Total Losses	

Fluid Types	Vol bbl

Deviation Information

Survey MD	1,995.4 m
Survey TVD	1,994.9 m
Angle	0.77 Deg
Direction	13
Horiz Displ.	7.2 m

Daily Products Cost	$462.40	Total Daily Cost	$2,962.40
Cumulative Products Cost	$246,799.45	Total Cumulative Cost	$290,549.45

Baroid Representatives	Mike Flexmore	Kosta Georgiou	
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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Baroid Fluid Services

Report No 016

Daily Drilling Fluid Report

Date 11/30/2008		Depth 2,183.0 m	
Spud Date 11/15/2008		Rig Activity P&A	
Operator BEACH PETROLEUM	Report For Sean De Freitas/ Peter Dane	Well Name PeeJay-1	
Contractor Seadrill	Report For Mike Barry	Rig Name West Triton	Unit System ADA/BEACH PETROLEUM
Country Australia	State/Province/Region Tasmania	Geographic Area/County Bass Strait	Field or Block T 39P

Bit Information		Drill String (in) / (m)	OD	ID	Length	in Casing m	OD	Set	MD	Circulation/Hydraulics Data			
Bit Size	in						30.000	@	218.0	Model	Nat-14-P-220	Nat-14-P-220	Nat-14-P-220
Make/Type							13.375	@	810.0	Bore in	6.500	6.500	6.500
Jets										Strokes in	14.000	14.000	14.000
TFA	sq-in									Eff(%)	97	97	97
Jets Velocity	m/sec									bbl/strk	0.139	0.139	0.139
Jet Impact Force	lbf									SPM	0	0	0
Bit HHSI	hhp/in2									gpm|bbl/min			
Press Drop @ Bit	psi									Total GPM		AV, Riser	Circ Press psi
Bit Depth 2,183.0	m	Riser	28.000		20.0					Total Circ Time		AV min DP	Tot Pres Loss
ECD @ Csg Shoe	ppg	Open Hole	12.250		1,373.0					BU Time , min		AV max DC	Press Drop DP
ECD @ Bit	ppg					Leak Off ppg			15.60	Total Strokes		BU Strokes	Press Drop An

Properties		1	2	3	4	Targets	Program
Source							
Time							
Depth	m						
FL Temp	Deg C						
Density @ Deg C	ppg						
FV @ Deg C	sec/qt						
PV @ Deg C	cP						
YP	lbs/100 ft2						
GELS	lbs/100 ft2						
600/300							
200/100							
6/3							
API Filt	ml/30 min						
HTHP @ Deg C	ml/30 min						
Cake API/HTHP	32nd in						
Corr Solid	% by Vol						
NAP/Water	% by Vol						
Sand	% by vol						
MBT	ppb Eq.						
pH @ Deg C							
ALK Mud	Pm						
ALK Filt	Pf/Mf						
Chlorides	mg/l						
Tot. Hardness	mg/l						
LGS/HGS	% by Vol						
LGS/HGS	ppb						
ASG	SG						
Additional Properties							

Fluid Treatments

Fluid Type KCl/Polymer

Rig Activity

Cont P&A

Mud Engineer demob from rig.

Product Name	Units	Start	Rec	Used	End	Cost
ALDACIDE G	5 gal can	35			35	
BARABLOK	50 lb bag	50			50	
BARA-DEFOAM W300	5 gal can	16			16	
BARAZAN D PLUS	25 kg bag	58			58	
barite	1000 kg bulk	81.500			81.500	
BAROFIBRE FINE	25 lb bag	100			100	
bentonite	1000 kg bulk	50.000			50.000	
caustic soda	25 kg pail	31			31	
Circal 60/16	25 kg sack	185			185	
Circal Y	25 kg sack	168			168	
CLAYSEAL PLUS	216 kg drum	13			13	
CON DET	55 gal drum	4			4	
DEXTRID LTE	25 kg sack	37			37	
Drilling Fluids Engineer	day(s)					
EZ SPOT	55 gal drum	12			12	
EZ-MUD DP	25 kg bag	27			27	
guar gum	25 kg bag	94			94	
Hme Energizer	5 gal can	26			26	
KCL Tech Grade (bulk)	1000 kg bulk	46.400			46.400	
Kwikseal Fine	40 lb bag	38			38	
lime	25 kg bag	24			24	
N-DRIL HT PLUS	50 lb bag	15			15	
NO-SULF	17 kg pail	40			40	
Omyacarb 5	25 kg bulk	96.000			96.000	
OXYGON	6 gal pail	5			5	
PAC-L	25 kg bag	55			55	
potassium chloride	1000 kg bag	6			6	
soda ash	25 kg bag	22			22	
STEELSEAL	25 kg sack	122			122	

Solids Control Equipment

Shaker	Screens	Hrs
VSM-300		
VSM-300		
VSM-300		
VSM-300		

Hydrocyclone	Cones	Screens	Hrs
D 16	16 4		

Centrifuge	Speed	Feed Rate	Hrs
Centrifuge	3,000	40.00	
Centrifuge	3,000	40.00	

Time

Drilling	
Circulating	
Trips	
Rig	
Surveys	
Fishing	
Run Casing	
Coring	
Reaming	
Testing	
Logging	
Dir Work	
Repair	
Other	24.0
Total	24.0
Rotating	
ROP	
Dil Rate	0.00

Fluid Volume Breakdown KCl/Polymer

Active	bbl	Additions	bbl	Losses	bbl
Annulus		Base		Fluid Dumped	
Pipe Cap		Drill Water		Transferred	
Active Pits	331.0	Dewatering		SCE	
Total Hole	1094.7	Sea Water		Evaporation	
Total Circ	331.0	Whole Mud		Trips	
Reserve	421.0	Barite		Other	
Prev Vol	1846.7	Chemicals		Total Surface	
Net Change		Other		Downhole	
Total Vol	1846.7	Total		Total Losses	

Fluid Types Vol bbl

Deviation Information

Survey MD	1,995.4 m
Survey TVD	1,994.9 m
Angle	0.77 Deg
Direction	13
Horiz Displ.	7.2 m

Daily Products Cost	$0.00	Total Daily Cost	$0.00
Cumulative Products Cost	$246,799.45	Total Cumulative Cost	$290,549.45

Baroid Representatives	Kosta Georgiou		
Office	90 Talinga Rd Melbourne	Telephone	61-03-9581-7555
Warehouse	c/o of Esso Australia Ltd	Telephone	61-3-56-881-445

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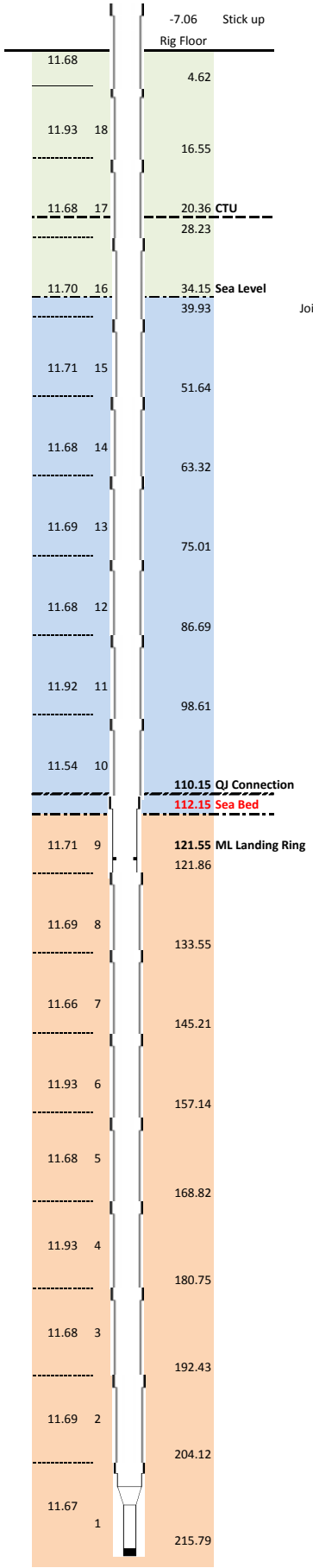
Attachment 4

Casing Report

PEEJAY-1 30" Conductor, REV 1



R/T Elevation	34.15
Water Depth	78
RT - Seabed	**112.15**
R/T to top of CTU	20.36

Joint No	Length		
1	11.67 Shoe	←	NEW
2	11.69 Intermediate	←	USED
3	11.68 Intermediate	←	USED
4	11.93 Intermediate	←	USED
5	11.68 Intermediate	←	USED
6	11.93 Intermediate	←	USED
7	11.66 Intermediate	←	USED
8	11.69 Intermediate	←	USED
9	11.71 QJ Box	←	NEW
10	11.54 QJ Pin	←	NEW
11	11.92 Intermediate	←	NEW
12	11.68 Intermediate	←	NEW
13	11.69 Intermediate	←	NEW
14	11.68 Intermediate	←	NEW
15	11.71 Intermediate	←	NEW
16	11.70 Intermediate	←	NEW
17	11.68 Intermediate	←	NEW
18	11.93 Intermediate	←	NEW
19	11.68 Intermediate	←	USED
	222.85		

PEEJAY-1
13 3/8" CASING RUNNING TALLY

Australian Drilling Associates Pty Ltd

Casing Data					Well Data		
Size	13.375	in			Base CTU	22.4	m
Grade	N80				Mudline	112.2	m
Weight	101	kg/m	Burst	5020 psi	16" TD	810.0	m
Calipered ID	12.415	in	Nominal ID	12.415 in	Shoe Depth	804.1	m
M/U Loss	0.12	m	Drift ID	12.259 in	Rathole	10.0	m
Thread	BTC						
Internal Capacity	0.4912	bbl/m			Report By	Rocco Rossouw/	

Joint Number	Length (m)	Depth - Top of Joint (m)	Depth - Bottom of Joint (m)	Running Depth	Capacity bbls	Centralisers	Comments
Shoe Jt 'A'	11.64	792.42	804.06	11.64	5.72	**2**	Bakerlock this connection
Float Jt 'A'	11.91	780.51	792.42	23.55	11.57	**1**	
90	11.55	768.96	780.51	35.10	17.24	**1**	
89	11.35	757.61	768.96	46.45	22.82	**1**	
88	11.46	746.15	757.61	57.91	28.45	**1**	
87	11.57	734.58	746.15	69.48	34.13		
86	11.49	723.09	734.58	80.97	39.78		
85	11.36	711.73	723.09	92.33	45.36		
84	10.95	700.78	711.73	103.28	50.73		
83	11.46	689.32	700.78	114.74	56.36		
82	11.36	677.96	689.32	126.10	61.94		
81	10.90	667.06	677.96	137.00	67.30		
80	11.36	655.70	667.06	148.36	72.88		
79	10.87	644.83	655.70	159.23	78.22		
78	11.19	633.64	644.83	170.42	83.72		
77	11.46	622.18	633.64	181.88	89.35		
76	11.35	610.83	622.18	193.23	94.92		
75	11.56	599.27	610.83	204.79	100.60		
74	11.36	587.91	599.27	216.15	106.18		
73	10.80	577.11	587.91	226.95	111.49		
72	11.16	565.95	577.11	238.11	116.97		
71	11.37	554.58	565.95	249.48	122.55		
70	11.67	542.91	554.58	261.15	128.29		
69	11.56	531.35	542.91	272.71	133.96		
68	11.27	520.08	531.35	283.98	139.50		
67	11.46	508.62	520.08	295.44	145.13		
66	11.45	497.17	508.62	306.89	150.76		
65	11.65	485.52	497.17	318.54	156.48		
64	11.43	474.09	485.52	329.97	162.09		
63	11.33	462.76	474.09	341.30	167.66		
62	11.36	451.40	462.76	352.66	173.24		
61	11.00	440.40	451.40	363.66	178.64		
60	11.47	428.93	440.40	375.13	184.28		
59	10.89	418.04	428.93	386.02	189.63		
58	11.57	406.47	418.04	397.59	195.31		
57	11.43	395.04	406.47	409.02	200.92		
56	10.82	384.22	395.04	419.84	206.24		
55	11.55	372.67	384.22	431.39	211.91		
54	11.96	360.71	372.67	443.35	217.79		
53	11.47	349.24	360.71	454.82	223.42		
52	11.16	338.08	349.24	465.98	228.91		
51	10.49	327.59	338.08	476.47	234.06		
50	11.18	316.41	327.59	487.65	239.55		
49	11.03	305.38	316.41	498.68	244.97		
48	11.52	293.86	305.38	510.20	250.63		
47	11.16	282.70	293.86	521.36	256.11		

Joint Number	Length (m)	Depth - Top of Joint (m)	Depth - Bottom of Joint (m)	Running Depth	Capacity bbls	Centralisers	Comments
46	11.08	271.62	282.70	532.44	261.55		
45	10.66	260.96	271.62	543.10	266.79		
44	10.77	250.19	260.96	553.87	272.08		
43	11.35	238.84	250.19	565.22	277.66		
42	11.44	227.40	238.84	576.66	283.28		
41	11.28	216.12	227.40	587.94	288.82		
40	11.35	204.77	216.12	599.29	294.39		
39	11.58	193.19	204.77	610.87	300.08		
38	11.46	181.73	193.19	622.33	305.71		
37	11.35	170.38	181.73	633.68	311.29		
36	11.47	158.91	170.38	645.15	316.92		
35	11.27	147.64	158.91	656.42	322.46		
34	11.56	136.08	147.64	667.98	328.13		
33	11.35	124.73	136.08	679.33	333.71		
Lower MLS	3.18	**121.55**	124.73	682.51	335.27		**MLS hang-off at 121.55m APPROX.**
Upper MLS	3.73	117.82	121.55	686.24	337.10	One assembly	
27	11.45	106.37	117.82	697.69	342.73		
26	11.00	95.37	106.37	708.69	348.13		
25	11.36	84.01	95.37	720.05	353.71		
14	11.76	72.25	84.01	731.81	359.49		
13	11.76	60.49	72.25	743.57	365.27		
11	11.18	49.31	60.49	754.75	370.76		
12	11.78	37.53	49.31	766.53	376.55		
PUP B	8.94	28.59	37.53	775.47	380.94		
PUP D	3.23	25.36	28.59	778.70	382.52		
X/O	4.39	20.97	25.36	783.09	384.68		**With adjustment ring at top.**
Wellhead (below hang off point)	1.34	**19.63**	20.97	784.43	404.31	**Final cut on conductor at 101.92m above BWS, 8.6m above jnt # 16**	
Wellhead (above hang off point)	1.40	18.23	19.63	785.83	422.54		
Running Tool	1.07	17.16	18.23	786.90			
X/O	0.92	16.24	17.16	787.82		One assembly	
5-1/2" DP Pup	4.64	11.60	16.24	792.46			
In on cmt stand	11.6	**0**	**11.6**	804.06			
Summary		**Delivered**	**Run**	**Left on Deck**			
13-3/8		105	65	40			
13-3/8 Shoe Joints		2	1	1			
13-3/8 Float Collar Joints		2	1	1			
Pup Joints (on deck)		11	2	9			

Attachment 5

Cementing Report

Australian Drilling Associates Pty Ltd
Level 5 / Rialto North Tower
525 Collins Street
Melbourne, VIC, 3000

PeeJay-1
Post Job Report

Prepared for Rajiv Tikkoo

Wednesday, 27 May 2009

Submitted by Prem kumar Salibendla
Halliburton Australia Pty Ltd
90 Talinga Rd, Cheltenham, VIC, 3192
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HALLIBURTON

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Wednesday, 27 May 2009

Rajiv Tikkoo
Australian Drilling Associates Pty Ltd
Level 5 / Rialto North Tower
525 Collins Street
Melbourne, VIC, 3000

Rajiv,

Re: PeeJay -1 Cement jobs PJR

Included for your review is a copy of the Post Job Report of the PeeJay-1 cementing operations. The PJR includes the programs, job logs, and lab reports.

I trust this PJR meets the requirements of Beach Petroleum and with insight and reflection provides sufficient detail for future reference.

Yours sincerely,

Prem kumar Salibendla
Technical Professional

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1.0 Summary of operations

The PeeJay-1 well was cemented using a 30in conductor casing, 13 3/8in Surface Casing, and then plugged and abandoned with three plugs. The 30in conductor casing was cemented on 16th November, 13 3/8in Surface casing was cemented on the 20th November, and the well was P&A on the 29th/30th November 2008. Please see Job logs for more details.

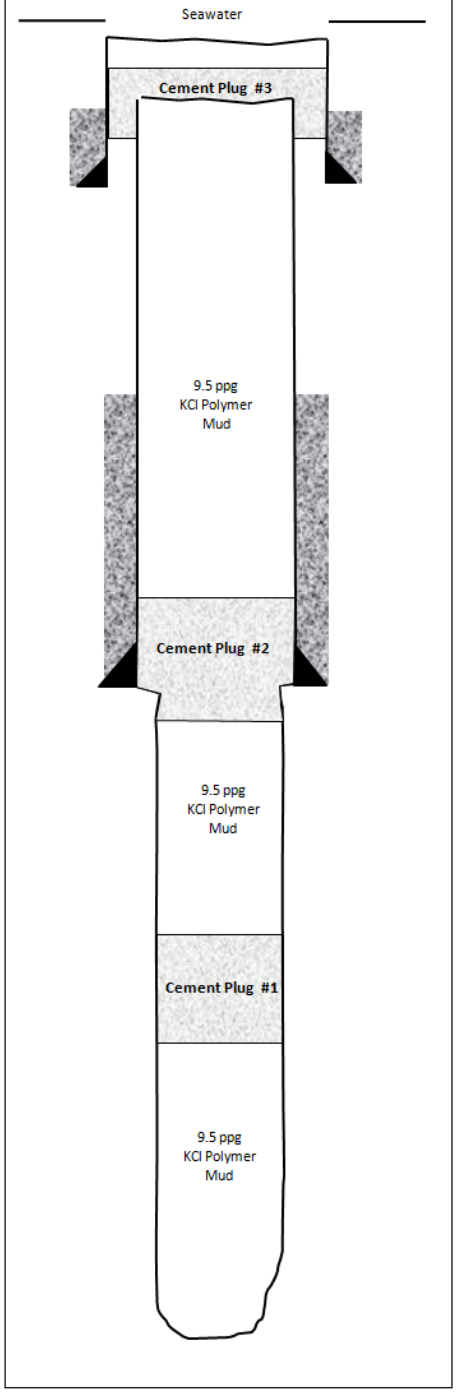
1.1 Lessons Learnt

On the 13 3/8in job the SSR top plug releasing dart was stuck on the square shoulder of the 4 1/2in IF crossover in side the running tool as a result the top plug was not released (please see the pictures below). The13 3/8in cement job was good even through the top plug was not released

An alert was sent out to all Halliburton cementers to check to see if there are any square shoulders in the running tool, and the crossover used for this job was painted in different color and kept a side with a not saying not to use for SSR cement jobs.

The job was performed in a safe manner and executed according to plan.

2.0 Well Schematic



EQUIPMENT DESCRIPTION
RT
SEA LEVEL
MUDLINE
30in Conductor cut at 113m
13.375in Surface casing cut at 155m
CEMENT PLUG #3 (65m) 120m TO 185m.
Estimated TOC @ 175mTVDRT
30"x20" CONDCUTOR SHOE
36" CONDCUTOR HOLE
Estimated TOC @ 500mTVDRT
CEMENT PLUG #2 (130m) 704m TO 834m. (Tested to 1350 psi)
13.375" CASING SHOE
16" SURFACE HOLE
CEMENT PLUG #1 (130m) 1260m TO 1360m (Tagged)
12.25" TD
COMMENTS:
DRAWING NOT TO SCALE

3.0 Casing Cement Program

The following program outlines the cementation of the 30in, 13 3/8in and contingent 9 5/8in casings on the PeeJay-1 Well.

Revision History

Draft 1	24th July 2008	Initial
Draft-2	5th September 2008	Changed TOC for 13 3/8in CSG and to a single slurry
Draft 3	23rd September 2008	Tuned spacer removed
Draft 4	29th September 2008	Following Changes 30in at 219mTVDRT (Mudline is at 116mTVDRT) 13.375in at 1000mTVDRT 9.625in at 2130mTVDRT
Revision 1	8th October 2008	Changed casing depths and slurry design
Revision 2	9th October 2008	Displacement changes
Revision 3	14th November 2008	Changed Tuned spacer for 9 5/8in Casing and Lead and Tail slurry
Revision 4	17th November 2008	Changed to single slurry for 9 5/8in casing

3.1 ITEMS TO BE AWARE OF

1) Check stab in sealing adapter and O-rings prior to use. Confirm centraliser and drill pipe stop collars are present
2) Check SSR plugs once they arrive on location and go through SSR procedures manual

3.2 30inch Casing Cement Job Details

JOB PARAMETERS

Casing measured depth:	214m	BHST temperature:	31°C
True vertical depth:	214m	BHCT temperature:	24°C
Depth to top cement:	192m	Drilling mud type:	SW&HVBS
		Drilling mud density:	8.60ppg

WELLBORE

Casing/Tubing (Inner string job)

0-214m	5 1/2in 24.7ppf Tubing
0-214m	30in 309.7ppf Casing (X-52 D60/MT)

Annulus

0-116m	RKB-ML
116-214m	36in open hole (200% excess)

SPACERS

Spacer - 100.0bbl Seawater at 8.55ppg

Seawater	42.00 gal/bbl	(27m OH annular fill / 13min contact time)

Contact times are based on the displacement rate.

CEMENT

Composition		**Properties**	
Adelaide Brighton Class G		Surface density:	15.90 ppg
Seawater	5.12 gal/sk	Surface yield:	1.16 ft³/sk
NF-6	0.25 gal/10bblMF	Total mixing fluid:	5.12 gal/sk
		Thickening time (70 Bc):	3:30
		Free water vert at 24°C:	<1 %
		Comp strength at 29°C	50 psi in 4 hrs
		Comp strength at 29°C	500 psi in 6 hrs
		Comp strength at 29°C	2,000 psi in 24 hrs

VOLUME CALCULATIONS

Cement

30in Casing / 36in hole volume	22 m x 1.2620 bbl/m	27.7 bbl
30in Casing / 36in hole excess	2.00 x 27.7 bbl	55.3 bbl
	Total slurry volume =83.0 bbl	
Quantity of cement	83.0 bbl x 5.6146 / 1.16 ft³/sk	402 sks
Quantity of mix fluid	402 sks x 5.12 gal/sk	49.0 bbl

Displacement

5 1/2in Tubing volume	214 m x 0.0695 bbl/m	14.9 bbl
	Total displacement volume =14.9 bbl	

PUMPING SCHEDULE & TIMES

	Volume (bbl)	Rate (bbl/min)	Time (min)
Make up lines & pressure test:	N/A	N/A	30
Circulate 1.5 x Casing volume:	22.4	10.0	2
Pump spacers:	120.0	10.0	10
Mix & pump cement:	83.0	6.0	14
Release dart/top plug:	N/A	N/A	5
Pump displacement:	14.9	8.0	2

Total job time (including circulation):	***63 min***	***1hr 03min***
Minimum cement thickening time (with 2hr safety factor):	***141 min***	***2hr 21min***

MINIMUM MATERIAL REQUIREMENTS (Double for loadout)

Spacer - Seawater

Seawater	100 bbl

Cement

Adelaide Brighton Class G	17 MT(399 ft^3)
Seawater	49 bbl
NF-6	2 gals

These are estimates calculated on the information given. Calculations should be confirmed on the job site well in advance.

3.2.1 30in Casing Job Procedure

1) Rig up surface lines with pump in sub
2) Stab in and establish circulation
3) Pressure Test lines to 1000psi
4) Pump 100bbls Seawater
5) Mix and pump 83bbls of single slurry with Class G @ 15.9ppg. Monitor pressure. Monitor returns until cement is seen to sea bed
6) Displace with 13.50bbls of Well fluid

   *Note under displace by 1.5bbl
7) Unstring from float and drop a wiper ball. Displace with two times tubing volume. Circulate an additional two times casing volumes.
8) End job

3.3 13 3/8inch Casing Cement Job Details

JOB PARAMETERS

Casing measured depth:	800m	BHST temperature:	47°C
True vertical depth:	800m	BHCT temperature:	34°C
Depth to top cement:	296m	Drilling mud type:	SW+HVIS
		Drilling mud density:	8.60ppg

WELLBORE

Casing/Tubing

0-800m	13 3/8in 68ppf Casing (N-80 BTC)

Annulus

0-214m	30in 309.7ppf casing (28in ID)
214-800m	16in open hole (10% excess)

SPACERS

Spacer - 70.0bbl Freshwater at 8.55ppg

Freshwater	42.00 gal/bbl	(259m OH annular fill / 9min contact time)

Contact times are based on the displacement rate.

CEMENT

Composition		**Properties**	
Adelaide Brighton Class G		Surface density:	15.80 ppg
Freshwater	5.10 gal/sk	Surface yield:	1.16 ft³/sk
NF-6	0.25 gal/10bblMF	Total mixing fluid:	5.11 gal/sk
		Thickening time (70 Bc):	3:30
		Comp strength at 42°C	50 psi in 5 hrs
		Comp strength at 42°C	500 psi in 7 hrs
		Comp strength at 42°C	2,000 psi in 24 hrs

VOLUME CALCULATIONS

Cement

13 3/8in Casing / 16in hole volume	504 m x 0.2457 bbl/m	123.7 bbl
13 3/8in Casing / 16in hole excess	0.10 x 123.7 bbl	12.4 bbl
Shoe track volume	12 m x 0.4912 bbl/m	5.9 bbl
	Total slurry volume =142.0 bbl	
Quantity of cement	142.0 bbl x 5.6146 / 1.16 ft³/sk	687 sks
Quantity of mix fluid	687 sks x 5.11 gal/sk	83.6 bbl

Displacement

13 3/8in Casing volume	788 m x 0.4912 bbl/m	387.1 bbl
	Total displacement volume =387.1 bbl	

PUMPING SCHEDULE & TIMES

	Volume (bbl)	Rate (bbl/min)	Time (min)
Make up lines & pressure test:	N/A	N/A	30
Circulate 1.5 x Casing volume:	589.5	10.0	59
Pump spacers:	100.0	10.0	7
Mix & pump cement:	142.0	5.0	28
Release dart/top plug:	N/A	N/A	5
Pump displacement:	387.1	8.0	48

Total job time (including circulation):	***177 min***	***2hr 57min***
Minimum cement thickening time (with 2hr safety factor):	***201 min***	***3hr 21min***

MINIMUM MATERIAL REQUIREMENTS (Double for loadout)

Spacer - Freshwater

Freshwater	70 bbl

Cement

Adelaide Brighton Class G	29 MT(680 ft³)
Freshwater	83.5 bbl
NF-6	3 gals

These are estimates calculated on the information given. Calculations should be confirmed on the job site well in advance.

3.3.1 13 3/8in Job Procedure

9) Run 13 3/8"casing to section TD and circulate 120% casing content with seawater
10) Pumping 10bbl Fresh water
11) Test lines to 3000psi for 5min
12) Pump 60bbls Fresh water

Note: No Bottom plug will be used

13) Mix and pump 142bbls of single 15.8ppg slurry
14) **Drop releasing dart**

***pump 10 bbl Fresh water at 1bpm to engage the dart in to the releasing sleeve and apply about 2500 ± 500psi to release the top plug.**

15) Displace with 377bbls of Sea water. Use calliper volumes if possible
16) **Slow pump rate down to 1bbl/min** for final 10bbls. Bump plug 500psi over and hold for 10mins **do not exceed 900psi.** Bleed back and check floats
17) End job

3.4 Guidelines for Preparation of Cement Mixwater

From time to time it is necessary to pre-mix the additives and mixwater for a cement job instead of adding them "on the fly" via the cement unit LAP system.

NOTE: If mixing in displacement tanks, Econolite and HR-6L are not compatible in their neat form. Ensure there is a sufficient level of water for dilution before mixing chemical additives or add them separately to the mixwater

Lab testing has indicated that there is a maximum age, or retention time, **for batch mixed mixwaters,** after which they should not be used. This is because slurry properties such as thickening time may be affected, and it applies particularly to the "high fineness" additives: Silicalite Liquid, Micromax, Gascon 469 and Microbond in conjunction with cement retarders. Therefore when pre-mixing additives the following guidelines need to be followed:
Prepare drillwater/seawater in a **clean pit/blender** and check fluid has the appropriate chloride content.

Freshwater	<1000	Ppm
Seawater	<20000	Ppm

Add 2 gal of defoamer (NF-6) per 10 bbl of water.
During the casing/liner run add the additives below in the following order.

a) Extenders – **Silicalite Liquid / Gascon 469 / Econolite Liquid**, **WG-17LXP**
b) Friction Reducers – **CFR-3L**.
c) Fluid Loss/Gas Migration Additives – **Halad additives / GasStop-L**.

Once the casing is on bottom or the liner hanger has been set and just prior to/during mud conditioning add the additives below in the following order.

a) Viscosifying Additives – **SA-533**. This must be added very slowly to prevent lumps forming and should be added directly to a tub and not though a mixing hopper, since a build up of partially hydrated polymer can form inside the gooseneck. Note that SA-533 requires at least 30 mins to yield.
b) Weighting Materials – **Micromax**.

Immediately prior to the jobs commencement add the retarder and then any expansive additives. Circulate the pit with maximum agitation.

a) Retarders – **HR-6L / HR-25L / SCR-100L**.
b) Expansive Additives - **MicroBond**.

If any foaming is observed add additional anti-foaming agents as required.

NOTE: Once the retarder has been added Halliburton recommends that the maximum surface time of the mixwater should be no more than **8** hours. This is due to the retarder being attracted to the high surface area of the siliceous material in the extender. This has the effect of reducing the retardation effect of the retarder on the cement.It is recommended that if the mixwater with retarder is left for more than 8 hours on surface that it be dumped and a new batch mixed. Mixwater that has been prepared without the addition of an extender or retarder can be kept for 24 hours. After 24 hours the mixwater should not be used for cementing operations unless authorised by a Halliburton engineer.

4.0 P&A Cement Program

The following program illustrates the Plug and Abandon of -1. Plug 1 is a 130m plug set at 1360m using a single 15.8ppg slurry. Plug 2 is a 130m plug set at 834m using a single 15.8ppg slurry. Plug 3 is a 60m plug set at 185m using a single 15.9ppg slurry.

Revision History

Draft 1	23rd July 2008	Initial program
Revision 1	27th November 2008	Updated depths as per customers requests
Revision 2	27th November 2008	Updated lengths and depths plugs 1and 2
Revision 3	28th November 2008	Changed SCR100L concentration in plug one

4.1 Plug 1 Cement Job Details

Plug Details - 12.25in hole

JOB PARAMETERS			
Plug bottom MD:	1,360m	BHST temperature:	62°C
Plug bottom TVD:	1,360m	BHCT temperature:	50°C
Plug top MD:	1,230m	Drilling mud type:	WBM
Plug length:	130m	Drilling mud density:	9.60ppg
Plug length with DP in:	136m		

WELLBORE

Workstring

0-1,360m	5 1/2in 24.7ppf tubing

Annulus

0-800m	13 3/8in 68ppf casing (12.415in ID)
800-1,360m	12.25in open hole (35% excess)

SPACERS

Spacer - Freshwater at 8.55ppg

Seawater	42.00 gal/bbl	20.0bbl ahead and 2.5bbl behind to balance (27m annular fill / 3min contact time)

Contact times are based on the displacement rate.

CEMENT SLURRY

Composition		Properties	
Adelaide Brighton Class G		Surface density:	15.80 ppg
SCR-100L	2.50 gal/10bblMF	Surface yield:	1.16 ft³/sk
Freshwater	5.08 gal/sk	Total mixing fluid:	5.11 gal/sk
NF-6	0.125 gal/10bblMF	Thickening time (70 Bc):	3:30
		Free water vert at 50°C:	trace %
		Comp strength at 58°C	50 psi in 4:30 hrs
		Comp strength at 58°C	500 psi in 6:00 hrs
		Comp strength at 58°C	2,000 psi in 24 hrs

VOLUME CALCULATIONS

Cement

12.25in hole volume	130 m x 0.4782 bbl/m	62.2 bbl
12.25in hole excess	0.35 x 62.2 bbl	21.9 bbl
	Slurry volume =84.0 bbl	
Quantity of cement	84.0 bbl x 5.6146 / 1.16 ft³/sk	407 sacks
Quantity of mix fluid	407 sacks x 5.11 gal/sk	49.5 bbl

Displacement

5 1/2in tubing volume	1,188 m x 0.0695 bbl/m	82.6 bbl
	Total displacement volume =82.6 bbl	

PUMPING SCHEDULE & TIMES

	Volume (bbl)	Rate (bbl/min)	Time (min)
Make up lines & pressure test:	N/A	N/A	30
Circulate 1 x bottoms up:	623.9	6.0	104
Pump spacers ahead:	20.0	6.0	3
Mix & pump cement:	84.0	5.0	17
Drop wiper ball:	N/A	N/A	5
Pump spacers behind:	2.5	6.0	0
Pump displacement:	82.6	6.0	14
Pull workstring 60 m above TOC:	190m	9.0m/min	21
Circulate workstring clean:	81.0	6.0	14

Total job time (including circulation):	***208 min***	***3hr 28min***
Minimum cement thickening time (with 2hr safety factor):	***191 min***	***3hr 11min***

MINIMUM MATERIAL REQUIREMENTS (Double for loadout)

Spacer - Freshwater

Seawater	22.5 bbl

Cement

Adelaide Brighton Class G	17 MT(399 ft³)
SCR-100L	12 gals
Freshwater	49.2 bbl
NF-6	1 gals

These are estimates calculated on the information given. Calculations should be confirmed on the job site well in advance.

4.1.1 Plug 1 Job Procedure

18) RIH to 1360m with work string
19) Rig up surface lines.
20) Test lines 3000psi.
21) Pump 20bbls Fresh water.
22) Mix and pump 84bbls of 15.8ppg cement slurry.
23) Displace with 2.9bbls of Fresh Water to balance
24) Continue to displace with 73.1bbls of well fluid to create a balanced plug
25) **Note 9bbl under displace to aid in dryPOOH**
26) Pick up worksting 5 joints string above TOC
27) Reverse circulate 1 1/2 times tubing volumes clean before POOH
28) Pick up and prepare for Plug 2

4.2 Plug 2 Cement Job Details

Plug Details - 13 3/8in casing x 12.25in hole

JOB PARAMETERS

Plug bottom MD:	834m	BHST temperature:	48°C
Plug bottom TVD:	834m	BHCT temperature:	38°C
Plug top MD:	704m	Drilling mud type:	WBM
Plug length:	130m	Drilling mud density:	9.60ppg
Plug length with DP in:	137m		

WELLBORE

Workstring

0-834m	5 1/2in 24.7ppf tubing

Annulus

0-800m	13 3/8in 68ppf casing (12.415in ID)
800-834m	12.25in open hole (40% excess)

SPACERS

Spacer - Freshwater at 8.33ppg

Freshwater	42.00 gal/bbl	20.0bbl ahead and 3.5bbl behind to balance (25m annular fill / 3min contact time)

Contact times are based on the displacement rate.

CEMENT SLURRY

Composition		**Properties**	
Adelaide Brighton Class G		Surface density:	15.80 ppg
Freshwater	5.11 gal/sk	Surface yield:	1.16 ft³/sk
NF-6	0.125 gal/10bblMF	Total mixing fluid:	5.11 gal/sk
		Thickening time (70 Bc):	3:00
		Free water vert at 38°C:	trace %
		Comp strength at 44°C	50 psi in 4:30 hrs
		Comp strength at 44°C	500 psi in 6:00 hrs
		Comp strength at 44°C	2,000 psi in 24 hrs

VOLUME CALCULATIONS

Cement

13 3/8in casing volume	96 m x 0.4912 bbl/m	47.2 bbl
12.25in hole volume	34 m x 0.4782 bbl/m	16.3 bbl
12.25in hole excess	0.40 x 16.3 bbl	6.6 bbl
	Slurry volume =70.0 bbl	
Quantity of cement	70.0 bbl x 5.6146 / 1.16 ft³/sk	339 sacks
Quantity of mix fluid	339 sacks x 5.11 gal/sk	41.3 bbl

Displacement

5 1/2in tubing volume	646 m x 0.0695 bbl/m	44.9 bbl
	Total displacement volume =44.9 bbl	

PUMPING SCHEDULE & TIMES

	Volume	**Rate**	**Time**

	(bbl)	(bbl/min)	(min)
Make up lines & pressure test:	N/A	N/A	30
Circulate 1 x bottoms up:	335.4	6.0	56
Pump spacers ahead:	20.0	6.0	3
Mix & pump cement:	70.0	5.0	14
Drop wiper ball:	N/A	N/A	5
Pump spacers behind:	3.5	6.0	1
Pump displacement:	44.9	6.0	7
Pull workstring 60 m above TOC:	190m	9.0m/min	21
Circulate workstring clean:	45.0	6.0	8

Total job time (including circulation):	***145 min***	***2hr 25min***
Minimum cement thickening time (with 2hr safety factor):	***176 min***	***2hr 56min***

MINIMUM MATERIAL REQUIREMENTS (Double for loadout)

Spacer - Freshwater

Freshwater	23.5 bbl

Cement

Adelaide Brighton Class G	14 MT(328 ft³)
Freshwater	41.2 bbl
NF-6	1 gals

These are estimates calculated on the information given. Calculations should be confirmed on the job site well in advance.

4.2.1 Plug 2 Job Procedure

29) RIH to 834m with work string
30) Rig up surface lines.
31) Test lines 3000psi.
32) Pump 20bbls Fresh water.
33) Mix and pump 70bbls of 15.8ppg cement slurry.
34) Displace with 3.5bbls of fresh water to balance
35) Continue to displace with 35.9bbls of well fluid to create a balanced plug
36) Note 9bbl under displace to aid in dryPOOH
37) Pick up worksting to at 5 joints above TOC
38) Reverse circulate 1 1/2 times tubing volumes clean before POOH
39) Pick up and prepare for Plug 3

4.3 Plug 3 Cement Job Details

Plug Details - 30in casing x 13 3/8in casing

JOB PARAMETERS			
Plug bottom MD:	185m	BHST temperature:	30°C
Plug bottom TVD:	185m	BHCT temperature:	24°C
Plug top MD:	120m	Drilling mud type:	WBM
Plug length:	65m	Drilling mud density:	9.60ppg
Plug length with DP in:	66m		

WELLBORE

Workstring

0-185m	5 1/2in 24.7ppf tubing

Annulus

0-155m	30in 309.7ppf casing (28in ID)
155-185m	13 3/8in 68ppf casing (12.415in ID)

SPACERS

Spacer - Seawater at 8.33ppg

Seawater	42.00 gal/bbl	20.0bbl ahead and 0.6bbl behind to balance (2m annular fill / 3min contact time)

Contact times are based on the displacement rate.

CEMENT SLURRY

Composition		Properties	
Adelaide Brighton HTB		Surface density:	15.90 ppg
Seawater	4.70 gal/sk	Surface yield:	1.13 ft³/sk
NF-6	0.125 gal/10bblMF	Total mixing fluid:	4.70 gal/sk
		Thickening time (70 Bc):	3:30
		Free water vert at 24°C:	trace %
		Comp strength at 28°C	50 psi in 4:30 hrs
		Comp strength at 28°C	500 psi in 6:00 hrs
		Comp strength at 28°C	2,000 psi in 24 hrs

VOLUME CALCULATIONS

Cement

30in casing volume	35 m x 2.4986 bbl/m	87.5 bbl
13 3/8in casing volume	30 m x 0.4912 bbl/m	14.7 bbl
13 3/8in casing excess	3.92 x 14.7 bbl	57.8 bbl
		Slurry volume =160.0 bbl
Quantity of cement	160.0 bbl x 5.6146 / 1.13 ft³/sk	795 sacks
Quantity of mix fluid	795 sacks x 4.70 gal/sk	89.0 bbl

Displacement

5 1/2in tubing volume	111 m x 0.0695 bbl/m	7.7 bbl
		Total displacement volume =7.7 bbl

PUMPING SCHEDULE & TIMES

	Volume (bbl)	Rate (bbl/min)	Time (min)
Make up lines & pressure test:	N/A	N/A	30
Circulate 1 x bottoms up:	442.0	6.0	74
Pump spacers ahead:	20.0	6.0	3
Mix & pump cement:	160.0	5.0	32
Drop wiper ball:	N/A	N/A	5
Pump spacers behind:	0.6	6.0	0
Pump displacement:	7.7	6.0	1
Pull workstring 27 m above TOC:	92m	9.0m/min	10
Circulate workstring clean:	6.0	6.0	1

Total job time (including circulation):	***156 min***	***2hr 36min***
Minimum cement thickening time (with 2hr safety factor):	***169 min***	***2hr 49min***

MINIMUM MATERIAL REQUIREMENTS (Double for loadout)

Spacer - Seawater

Seawater	20.6 bbl

Cement

Adelaide Brighton HTB	34 MT(868 ft³)
Seawater	88.9 bbl
NF-6	2 gals

These are estimates calculated on the information given. Calculations should be confirmed on the job site well in advance.

4.3.1 Plug 3 Job Procedure

40) RIH to 185m with work string
41) Rig up surface lines.
42) Test lines 3000psi.
43) Pump 20bbls Sea water.
44) Mix and pump 160bbls of 15.9ppg slurry mixed with HTB cement
45) Displace with 0.6bbls of fresh water to balance
46) Continue to displace with 7.1bbls of well fluid to create a balanced plug
47) Note 1bbl under displace to aid in dryPOOH
48) Pick up worksting to at least one string above the TOC
49) Reverse circulate 1 1/2 times tubing volumes clean before POOH

4.4 Guidelines for Preparation of Cement Mixwater

From time to time it is necessary to pre-mix the additives and mixwater for a cement job instead of adding them "on the fly" via the cement unit LAP system.

NOTE: If mixing in displacement tanks, Econolite and HR-6L are not compatible in their neat form. Ensure there is a sufficient level of water for dilution before mixing chemical additives or add them separately to the mixwater

Lab testing has indicated that there is a maximum age, or retention time, **for batch mixed mixwaters,** after which they should not be used. This is because slurry properties such as thickening time may be affected, and it applies particularly to the "high fineness" additives: Silicalite Liquid, Micromax, Gascon 469 and Microbond in conjunction with cement retarders. Therefore when pre-mixing additives the following guidelines need to be followed:
Prepare drillwater/seawater in a **clean pit/blender** and check fluid has the appropriate chloride content.

Freshwater	<1000	Ppm
Seawater	<20000	Ppm

Add 2 gal of defoamer (NF-6) per 10 bbl of water.
During the casing/liner run add the additives below in the following order.

d) Extenders – **Silicalite Liquid / Gascon 469 / Econolite Liquid**, **WG-17LXP**
e) Friction Reducers – **CFR-3L**.
f) Fluid Loss/Gas Migration Additives – **Halad additives / GasStop-L**.

Once the casing is on bottom or the liner hanger has been set and just prior to/during mud conditioning add the additives below in the following order.

c) Viscosifying Additives – **SA-533**. This must be added very slowly to prevent lumps forming and should be added directly to a tub and not though a mixing hopper, since a build up of partially hydrated polymer can form inside the gooseneck. Note that SA-533 requires at least 30 mins to yield.
d) Weighting Materials – **Micromax**.

Immediately prior to the jobs commencement add the retarder and then any expansive additives. Circulate the pit with maximum agitation.

c) Retarders – **HR-6L / HR-25L / SCR-100L**.
d) Expansive Additives - **MicroBond**.

If any foaming is observed add additional anti-foaming agents as required.

NOTE: Once the retarder has been added Halliburton recommends that the maximum surface time of the mixwater should be no more than **8** hours. This is due to the retarder being attracted to the high surface area of the siliceous material in the extender. This has the effect of reducing the retardation effect of the retarder on the cement.It is recommended that if the mixwater with retarder is left for more than 8 hours on surface that it be dumped and a new batch mixed. Mixwater that has been prepared without the addition of an extender or retarder can be kept for 24 hours. After 24 hours the mixwater should not be used for cementing operations unless authorised by a Halliburton engineer.

4.5 Plug Setting Recommendations

1. **Cement Volume: Pumping sufficient volume is one of the biggest causes of plug failures.**
   - *Open hole*: HOC + 50% excess over gauge to account for washouts, (if not calipered).
   - *Cased Hole*: 10 bbls to compensate for mud contamination.

2. **If plug is not being set on a firm base, set a CST or spot a Viscous Reactive Pill (VRP),** the same length as the proposed plug, to act as a base.

3. **Drill pipe and stinger should be drifted for accurate displacement.** Include using a latch-down indicator sub (ball catcher) to achieve accurate displacement.

4. **Wash over the plug interval.** Rotate and reciprocate down over the entire interval at maximum rate, dependent on well conditions.

5. **Minimise any shutdowns to keep the mud in a fluidised condition.** This will help to maximise mud removal efficiency when placing cement.

6. **Use a side-port diverter tool** to direct the flow outwards, minimising intermixing and providing jetting action. DO NOT USE A MULE SHOE WITH NARROW SLOTS.

7. **Plug height should be limited to 500 ft.** The extra time taken to pull slowly out of the plug increases the risk of cementing-in the cementing assembly.

8. **Use 2-7/8" or 3 ½" stinger** on the end of the drill pipe to minimise stripping the plug when POOH. The recommended length is 1.5 x plug length. When in highly deviated or horizontal holes, centralising the stinger will prevent dead areas of mud on the low side of the hole.

9. **Pump minimum of 40 bbls of spacer ahead of the plug** and required volume behind to balance & separate the mud from the cement. It is best to keep the spacer weight almost equal to the cement weight in horizontal holes.

10. **Pump spacer, cement and displacement at maximum possible rates** with the cement unit, however **do not over displace** - slow rate down prior to end of calculated displacement.

11. **Use side entry sub/swivel** or top-drive cement head to enable rotation of the drill pipe whilst pumping cement and displacement - **DO NOT reciprocate.**

12. **POOH slowly (30 - 60 ft/min)** and break connections carefully to avoid stripping plug until 500ft above the cement plug. Avoid any delay's

13. **Do not circulate on top of plug.** Break circulation slowly so as to minimise disturbance of plug. Never reverse circulate when setting an open-hole plug.

14. **Waiting on cement** should be at least the time for the plug to reach 500 psi. or 3000 psi. for a Kick-off plug. Best results have been obtained by a mandatory 24 hr WOC before disturbing the plug.

5.0 Lab Reports

5.1 30in Conductor Casing

HALLIBURTON

CEMENT SLURRY LABORATORY REPORT

Customer Information

Customer	: ADA	Date	: 30-Oct-08
Rig Name	: West Triton	Lab Reference	: C-08-022AA
Well Name	: PeeJay-1	API Schedule	: 9.2
Pipe Size / Casing Size	: 30" Conductor Casing		

Well Information

BHST	:	31	°C
BHCT	:	24	°C
Measured Depth	:	214	m
Total Vertical depth	:	214	m

HalCem™ cement Casing Slurry Design

MATERIAL	Conc.	Unit	Conc.	Unit	Date	Source
ABC Class G	94.00	lbs			16/10/08	From Rig
NF-6	0.003	gal/sk	0.25	gal/10bbl		
Seawater	5.15	gal/sk				
Total Mixing Fluid :	5.15	gal/sk				
Slurry Density :	15.9	lb/gal				
Slurry Yield :	1.16	ft^3/sk				

Laboratory Test Results

Thickening Time

Initial BC	30	50	70
23	1:04	2:41	2:55

Pumping time at 27 °C & 561 psi is 2:55 hrs:mins

Slurry thickening time test is performed with slurry in motion, not in static condition

Free Fluid Traces Vertical at 27 °C

Compressive Strength

Non Destructive (UCA)	Temp	Pressure	50psi	24 hours
	31 °C	3000 psi	5:47	2375 psi

Lab Technician: Gary Reid
Approved: Prem Salibendla

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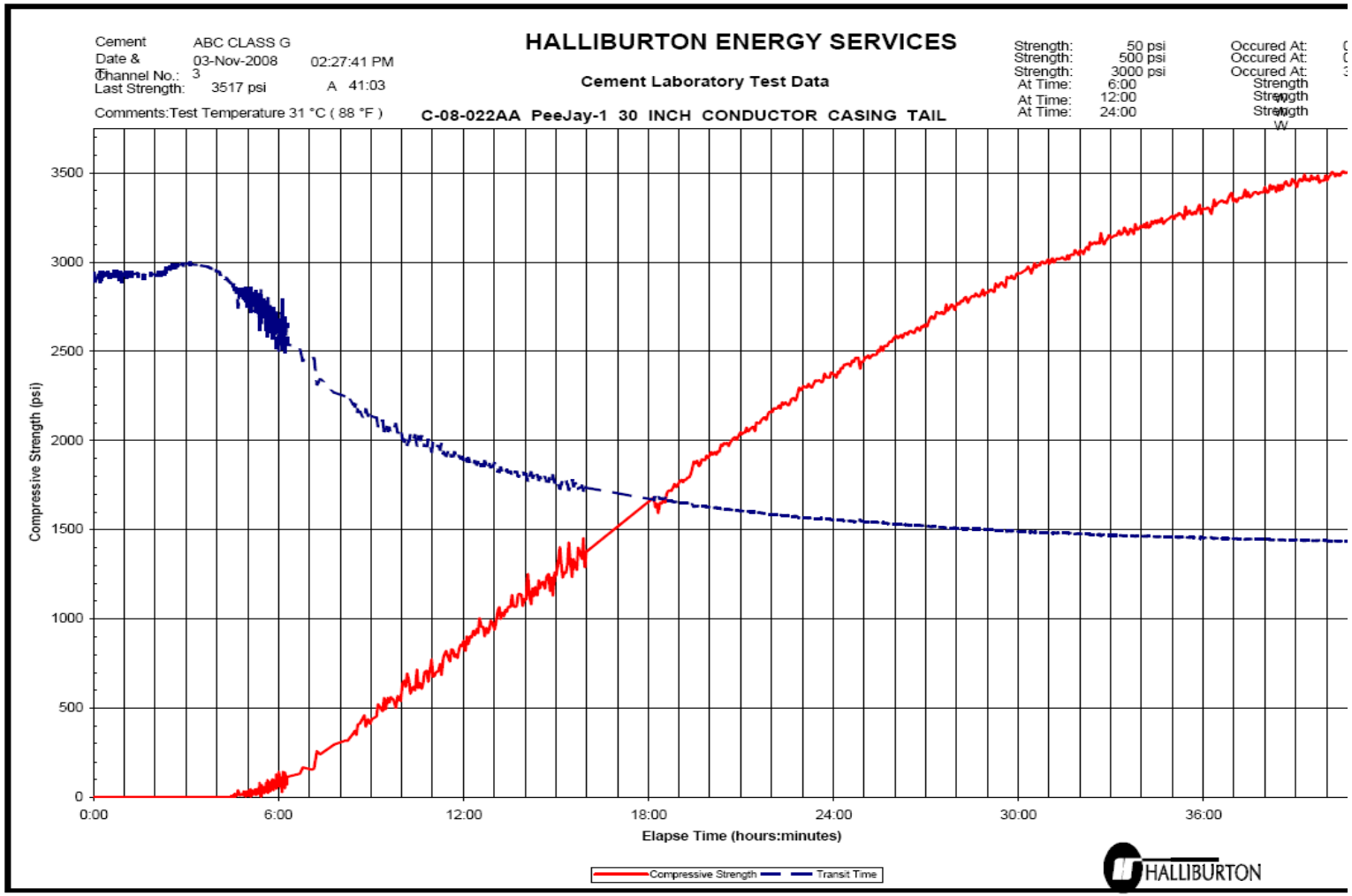
HALLIBURTON ENERGY SERVICES
Cement Laboratory Test Data
C-08-022AA PeeJay-1 30 INCH CONDUCTOR CASING TAIL
Cement ABC CLASS G
Date & Time 03-Nov-2008 02:27:41 PM
Channel No.: 3
Last Strength: 3517 psi A 41:03
Comments:Test Temperature 31 °C (88 °F)
Strength: 50 psi
Strength: 500 psi
Strength: 3000 psi
At Time: 6:00
At Time: 12:00
At Time: 24:00
Occured At:
Occured At:
Occured At:
Compressive Strength (psi)
3500
3000
2500
2000
1500
1000
500
0
0:00
6:00
12:00
18:00
24:00
30:00
36:00
Elapse Time (hours:minutes)
Compressive Strength
Transit Time
HALLIBURTON

5.2 13 3/8in Surface Casing

HALLIBURTON — **CEMENT SLURRY LABORATORY REPORT**

Customer Information

Customer	: ADA	Date	: 31-Oct-08
Rig Name	: West Triton	Lab Reference	: C-08-026A
Well Name	: PeeJay-1	API Schedule	: 9.3
Pipe Size / Casing Size	: 13 3/8" Surface Casing		

Well Information

BHST	:	47	°C
BHCT	:	34	°C
Measured Depth	:	800	m
Total Vertical depth	:	800	m

HalCem™ cement Casing Slurry Design

MATERIAL	Conc.	Unit	Conc.	Unit	Date	Source
ABC Class G	94.00	lbs			16/10/08	From Rig
NF-6	0.003	gal/sk	0.25	gal/10bbl		
West Triton Drill Water	5.11	gal/sk	Cl- Content	650	mg/L	

Total Mixing Fluid	: 5.11	gal/sk	
Slurry Density	: 15.8	lb/gal	
Slurry Yield	: 1.16	ft^3/sk	

Laboratory Test Results

Thickening Time

Initial BC	30	50	70
17	2:16	3:05	3:43

Pumping time at 34 °C & 1624 psi is 3:43 hrs:mins

Slurry thickening time test is performed with slurry in motion, not in static condition

Free Fluid — Traces Vertical at 27 °C

Compressive Strength

Non Destructive (UCA)	Temp	Pressure	50psi	24 hours
	47 °C	3000 psi	6:02	2135 psi

Lab Technician: Gary Reid
Approved: Prem Salibendla

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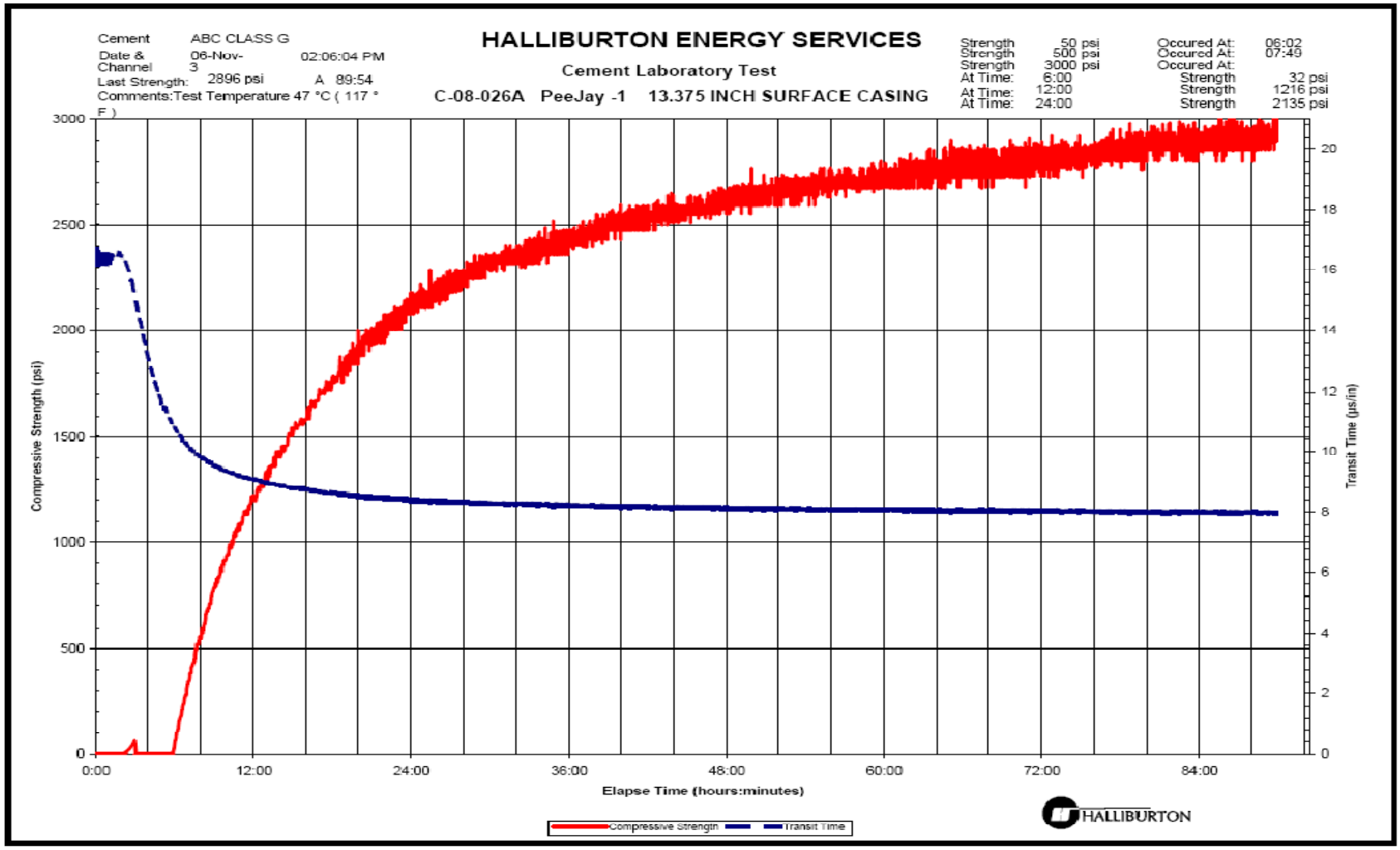
Cement ABC CLASS G
Date & Channel 06-Nov- 3 02:06:04 PM
Last Strength: 2896 psi A 89:54
Comments:Test Temperature 47 °C (117 ° F)
HALLIBURTON ENERGY SERVICES
Cement Laboratory Test
C-08-026A PeeJay -1 13.375 INCH SURFACE CASING
Strength 50 psi
Strength 500 psi
Strength 3000 psi
At Time: 6:00
At Time: 12:00
At Time: 24:00
Occured At: 06:02
Occured At: 07:49
Occured At:
Strength 32 psi
Strength 1216 psi
Strength 2135 psi
Compressive Strength (psi)
Transit Time (µs/in)
Elapse Time (hours:minutes)
0:00
12:00
24:00
36:00
48:00
60:00
72:00
84:00
Compressive Strength
Transit Time
HALLIBURTON

5.3 Plugs 1 and 2

HALLIBURTON CEMENT SLURRY LABORATORY REPORT

Customer Information

Customer	: ADA	Date	: 28-Nov-08
Rig Name	: Bass Straight West triton	Lab Reference	: C-08-033B
Well Name	: PeeJay-1	API Schedule	:
Pipe Size / Casing Size	: Plug -1 & 2		

Well Information

BHST	:	62	°C
BHCT	:	50	°C
Measured Depth	:	1360	m
Total Vertical depth	:	1360	m

HalCem™ cement Plug Slurry Design

MATERIAL	Conc.	Unit	Conc.	Unit	Date	Source
ABC Class G	94.00	lbs			25/11/08	From Rig
SCR-100L	0.030	gal/sk	2.50	gal/10bbl		
NF-6	0.003	gal/sk	0.25	gal/10bbl		
Drill Water	5.09	gal/sk	**Cl- Content**		mg/L	

Total Mixing Fluid	:	5.12	gal/sk
Slurry Density	:	15.8	lb/gal
Slurry Yield	:	1.16	ft^3/sk

Laboratory Test Results

Thickening Time

Initial BC	30	50	70
11	3:11	3:29	3:35

Pumping time at 50 °C & 2660 psi is 3:35 hrs:mins

Slurry thickening time test is performed with slurry in motion, not in static condition

Lab Technician: Gary Reid
Approved: Dave Webb

APPROVED
By Prem kumar Salibendla at 3:24 pm, Nov 28, 2008

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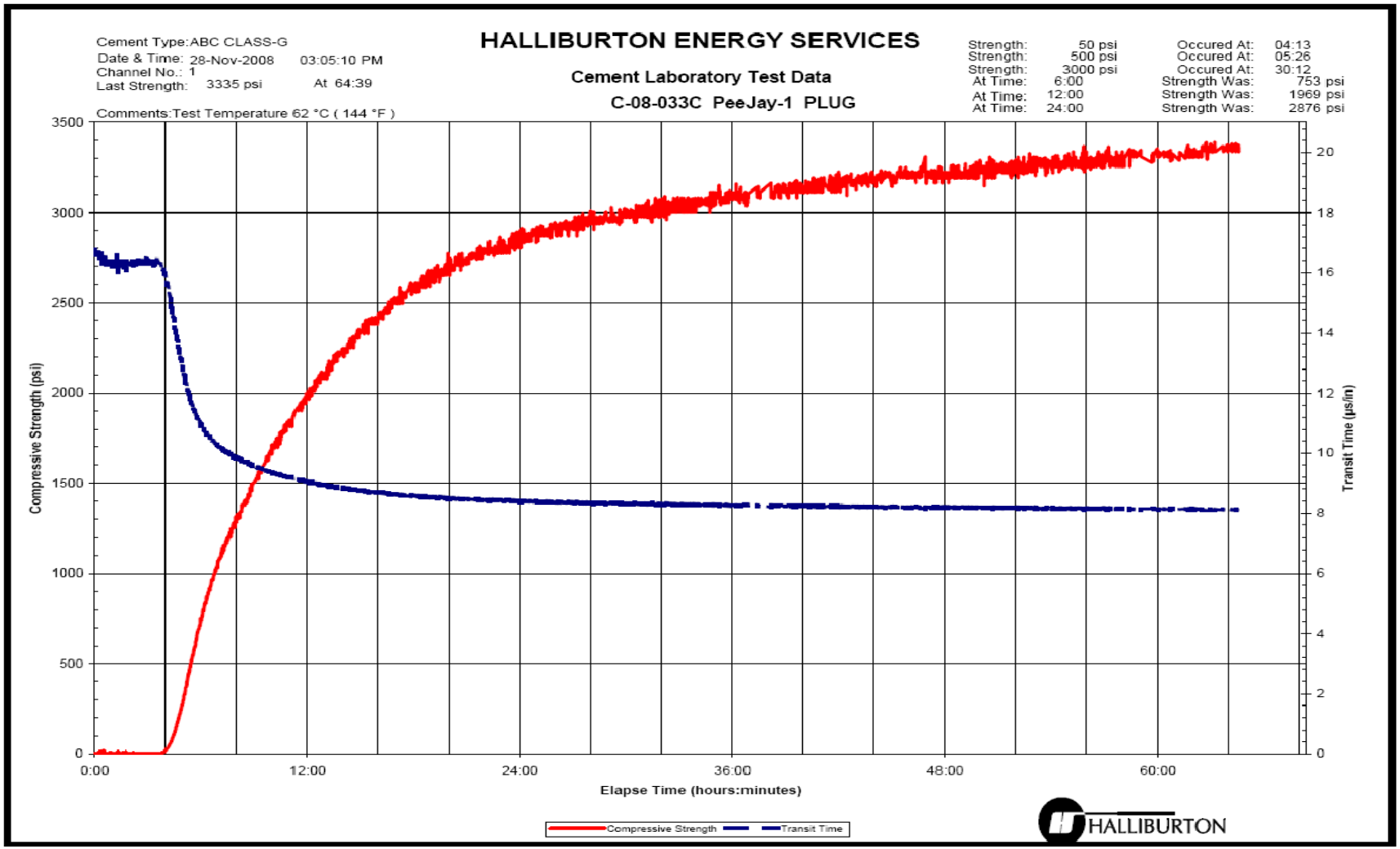
HALLIBURTON ENERGY SERVICES
Cement Laboratory Test Data
C-08-033C PeeJay-1 PLUG
Cement Type: ABC CLASS-G
Date & Time: 28-Nov-2008 03:05:10 PM
Channel No.: 1
Last Strength: 3335 psi At 64:39
Comments: Test Temperature 62 °C (144 °F)
Strength: 50 psi Occured At: 04:13
Strength: 500 psi Occured At: 05:26
Strength: 3000 psi Occured At: 30:12
At Time: 6:00 Strength Was: 753 psi
At Time: 12:00 Strength Was: 1969 psi
At Time: 24:00 Strength Was: 2876 psi
Compressive Strength (psi)
Transit Time (µs/in)
Elapse Time (hours:minutes)
0:00
12:00
24:00
36:00
48:00
60:00
Compressive Strength
Transit Time
HALLIBURTON

5.4 Plug 3

HALLIBURTON — **CEMENT SLURRY LABORATORY REPORT**

Customer Information

Customer	: ADA	Date	: 10-Oct-08
Rig Name	: West Triton	Lab Reference	: C-08-023A
Well Name	: PeeJay-1	API Schedule	: 9.2
Pipe Size / Casing Size	: 30" Conductor Casing		

Well Information

BHST	:	31	°C
BHCT	:	24	°C
Measured Depth	:	214	m
Total Vertical depth	:	214	m

HalCem™ cement Casing Slurry Design

MATERIAL	Conc.	Unit	Conc.	Unit	Date	Source
ABC HTB	69.60	lbs			10/10/08	From Rig
NF-6	0.004	gal/sk	0.25	gal/10bbl		
Seawater	4.70	gal/sk				

Total Mixing Fluid	: 4.7	gal/sk	
Slurry Density	: 15.9	lb/gal	
Slurry Yield	: 1.13	ft^3/sk	

Laboratory Test Results

Thickening Time

Initial BC	30	50	70
30		2:05	2:31

Pumping time at 27 °C & 561 psi is 2:31 hrs:mins

Slurry thickening time test is performed with slurry in motion, not in static condition

Free Fluid — Traces — Vertical — at 27 °C

Compressive Strength

Non Destructive (UCA)	Temp	Pressure	50psi	24 hours
	31 °C	3000 psi		

Lab Technician: Maggie Batko
Approved: Prem Salibendla

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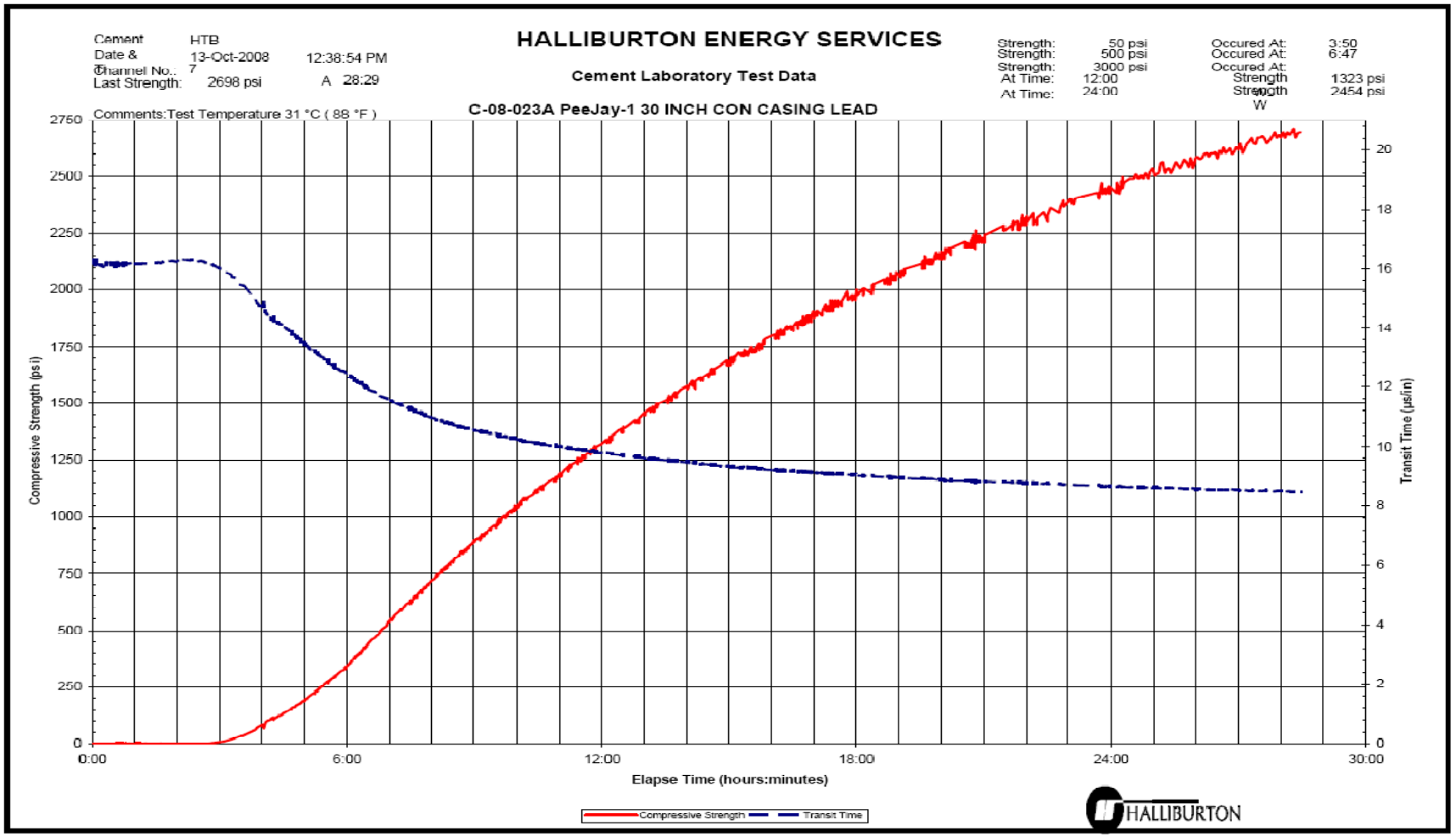
NOTE: 30in Conductor casing HTB slurry was used for plug 3.


HALLIBURTON ENERGY SERVICES
Cement Laboratory Test Data
C-08-023A PeeJay-1 30 INCH CON CASING LEAD
Cement HTB
Date & 13-Oct-2008 12:38:54 PM
Channel No.. 7
Last Strength: 2698 psi A 28:29
Comments:Test Temperature 31 °C (88 °F)
Strength: 50 psi Occured At: 3:50
Strength: 500 psi Occured At: 6:47
Strength: 3000 psi Occured At:
At Time: 12:00 Strength 1323 psi
At Time: 24:00 Strength 2454 psi
W
Compressive Strength (psi)
Transit Time (µs/in)
Elapse Time (hours:minutes)
0:00
6:00
12:00
18:00
24:00
30:00
Compressive Strength
Transit Time
HALLIBURTON

6.0 Summary, EJCS, Job Logs

6.1 30in Conductor Casing

Beach Petroleum

POST JOB REPORTS
CEMENTING/PUMPING

Well Name : PeeJay-1

Rig: West Triton

CEMENT CONDUCTOR CASING 14161

Prepared for Rocco Rossoun

16/11/2008

Prepared by John Hargreaves

HALLIBURTON

The Future is Working Together.

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HALLIBURTON

HALLIBURTON	CUSTOMER	SALES ORDER No.	DATE
	Beach Petroleum		16 November 2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
PeeJay-1	Bass Strait	Australia	John Hargreaves	Rocco Rossoun	Exploration
JOB TYPE		**JOB PURPOSE CODE**		**BDA**	**RIG**
Zonal Isolation		CEMENT CONDUCTOR CASING 14161		Perth	West Triton

KEY PERFORMANCE INDICATORS

TYPE OF JOB (Cementing or Non-Cementing): *Select the job type (Cementing or Non-Cementing)*	Cementing	**WAS THIS A PRIMARY CEMENT JOB (YES / NO)** *Primary cement job = Casing job, Liner Job, tie back*	YES
TOTAL OPERATING TIME (hrs) *Rig up/ Pumping/ Rig Down*	72.0 hrs	**DID WE RUN WIPER PLUGS?**	None
HSE INCIDENT, ACCIDENT, INJURY: *This should be recordable incidents only*	NO	**WAS THIS A PLUG OR SQUEEZE JOB?**	Neither
WAS THE JOB DELIVERED CORRECTLY AS PER. *This will be dictated by the customer*	YES	**WAS THIS A PRIMARY OR REMEDIAL JOB?** Remedial = Repeated attempts or corrections of initial cement job	Primary
TOTAL TIME PUMPING (hrs) *Total number of hours pumping fluid on this job*	3hrs	**MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE** *Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed density divided by total bbls of cement multiplied by 100*	100%
NON -PRODUCTIVE RIG TIME: *As a result of Halliburton cementing PSL*	None	**WAS AUTOMATED DENSITY CONTROL USED**	YES
NUMBER OF JSA'S PERFORMED:	3	**JOB WAS PUMPED AT DESIGNED PUMP RATE** *Pump rate ranged defined as +/- bpm. Calculation : total bbls of fluid pumped at the designed rate divided by total bbls of fluid pumped multiplied by 100*	100%
NUMBER OF UNPLANNED SHUTDOWNS (After starti	1		
TYPE OF RIG(CLASSIFICATION) JOB WAS PERFORM	JACKUP	**NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HE** *Number of remedial squeeze jobs required after primary job performed by HES*	N/A
REASON FOR UNPLANNED SHUTDOWNS (After starting to pump) *Add details in job logs*		**NUMBER OF REMEDIAL AQUEEZE JOBS REQUIRED - CO** *Number of remedial squeeze jobs required after primary job performed by competition*	N/A
REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL respo *Add details in job logs*		**NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES** *Number of remedial plug jobs required after primary plug pumped by HES*	N/A

EJCS / CUSTOMER COMMENTS

Dear Customer,

We hope you were happy with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and services of a standard unmatched in the service sector of the energy industry

Please take the time to let us know if our performance met your expectations. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use

Please indicate your response by placing a tick in the box underneath the rating that best matches your opinion.

	Superior Performance (Established new quality performance) 5	**Exceeded Expectations** (Provided more than what was expected) 4	**Met expectations** (Did what was expected) 3	**Below expectations** (Did not do what was expected, recovery made) 2	**Poor** (Job problems / failures occured) **Create CPI** 1
Did our personnel perform the job to your satisfaction?					
Did our equipment perform the job to your satisfaction?					
Did we perform the job to the agreed upon design?					
Did our products and materials perform as you expected?					
Did we perform in a safe & careful manner? PPE, Pre/Post mtgs, JSA					
Did we perform in an environmentally sound manner? Spills, discharges, clean up					
Was the job performed as scheduled? On time, as designed/discussed					
Did the equipment condition & appearance meet you expectations?					
How well did our personnel communicate during mobilization, rig up and job execution					

	YES	NO
Overall, I was satisfied with Halliburton's job performance		

Customer Comments? *(What can we do to improve/maintain our services?)*

Customer Signature: ..... **Date:** .....

PERSONELL

PERSONNEL / EXPOSURE		hrs	PERSONNEL / EXPOSURE		hrs	PERSONNEL / EXPOSURE	hrs	PERSONNEL / EXPOSURE	hrs
126881	John Hargreaves	72	398914	Danny Lorroway	72				

EQUIPMENT

SAP#	PUMPING / MIXING	HOURS	SAP#	BULK SUPPLY / TANKS	HOURS
10951913	SKD ADVANTAGE 25DZ2 - WEST TRITAN	72			
10960844	SKD CMS - WEST TRITAN	72			

FLOAT EQUIPMENT AND CASING EQUIPMENT

SAP#	FLOAT EQUIPMENT	QTY	SAP#	PLUGS	QTY
	20 to 30" Drill Quip float shoe	1			
SAP#	**CASING ATTACHMENTS**	**QTY**	**SAP#**	**OTHER**	**QTY**
				Stab in adapter to suit Drill Quip Float shoe	1
				7" Foam wiper ball	1

WELL PROFILE

NEW CASING	OPEN HOLE + EXCESS OR CALIPER DATA	PREVIOUS CASINGS
Non Tapered Casing , Innerstring, N/Am shoe track		
30"in 310ppf X52 D60Mt : 17.5m to 215m MD, m TVD	36in, 20 percent excess, 112m to 217m	
FOR PLUG AND LINER JOBS PLEASE INDICATE WORKSTRING	5.5in 24.7ppf Drill Pipe with No Stinger	

CEMENT DESIGN

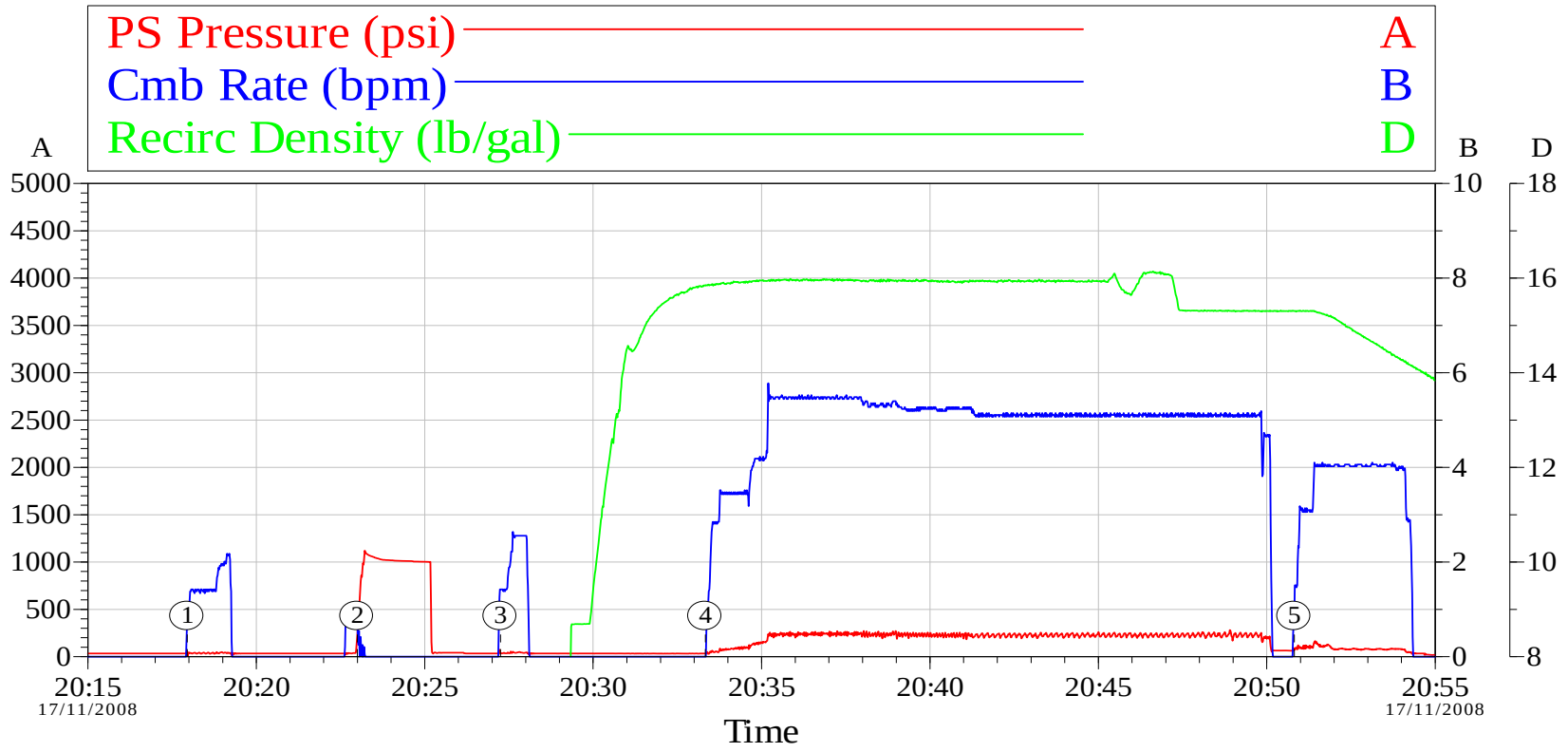
Lead			
DENSITY	15.9ppg	**WATER**	5.15gal/sk
YIELD	1.16cuft/ft	**MIX FLUID**	5.15gal/sk
WATER SOURCE	Seawater		
CEMENT TYPE	ABC Class 'G' at 94lb/sk		
Total Cement Used	401sks		
Estimated TOC	175m		

Additive	Concentration	Total Used

END OF JOB DETAILS

JOB LOGS

DATE	TIME	VOLUME	PRESSURE (psi)		RATE	JOB DESCRIPTION
DAY-MTH-YR	HRS:MIN	BBLS	HIGH	LOW	BPM	REMARKS/DETAILS
15/11/2008						John Hargreaves,Danny Lorraway arrive West Triton
16/11/2008	14:15					Hold pre job meeting before commence pressure testing Choke and kill manifold
	14:30	3				Flush 3 BBL's Seawater to Rig floor and fill lines with Seawater.
	14:45			2500		Start test 1 valves 1, found leak at C4 Valve,
	14:50					Bled off and bull plug line and attempt to retest.
	15:00			250		Test valves 1 =250psi 5 minutes
	15:05		5000			Test high 5000psi
	15:11					Test OK Bled pressure off
						Test 2 Valves = 2,3,4
	15:17			250		Low test 250psi
	15:23		5000			High test 5000psi
	15:31					Test OK Bled pressure off
						Test 3 = Valves 5
	15:37			250		Low test 250psi
	15:42		5000			High test 5000psi
	15:50					Test OK Bled pressure off
						Test 4 Valves = 15,14,13,12,11,10,6,7,8
	16:00			250		Low test 250psi
	16:05		5000			High test 5000psi
	16:13					Test OK Bled pressure off
						Test 5 valves = 9,22,23
	16:20			250		Low test 250psi
	16:25		5000			High test 5000psi
	16:34					Test OK Bled pressure off
						Test 6 valves = 25,26,20,21
	16:41			250		Low test 250psi
	16:46		5000			High test 5000psi
	16:55					Test OK Bled pressure off
						Test 7 valves = 24
	17:03			250		Low test 250psi
	17:07		5000			High test 5000psi
	17:20					Test OK Bled pressure off
						Test 8 valves = 27,28,29
	17:26			250		Low test 250psi
	17:31		5000			High test 5000psi
	17:45					Test OK Bled pressure off
17/11/2008						Prepare for Cmting of 30" Conductor,Rig running 30" conductor in Hole.
	16:45					Hold pre job cement safety meeting
	17:06	,10	100		4.2	Pump 10 BBL's Seawater
	17:17		1000			Pressure test lines to 1000psi.
	17:23	90	180		7.2	Pump 90 BBL's Seawater ,No indication of any returns from annulas at Seabed with ROV
	17:40					Shut down pumping and discuss with town,
						Rig try and move conductor up and down slowly while pumping with rig pumps in attempt
						to get returns up Annulas,No joy,
						Decision made to cut cmt job calcualtions back to approx 78BBL's with Class"g" cmt.
	20:08					Hold another pre job cmt safety meeting due to crew change and different job program.
	20:17	2	35		2	Pump 2 BBL Seawater ,No returns observed at Seabed.
	20:23		1000			Pressure test lines to 1000psi.
	20:27	2	35		2.5	Pump 2.5BBL's Seawater
	20:30	83	250		5	Mix and Pump 83 BBL's Cmt Slurry @ 15.9ppg,No returns at seabed during cmt job.
	20:50	13	150		4	Displace 13 BBL's Seawater.No returns observed at Seabed.
	20:55					Shut down pumps and Bled pressure off back to Halliburton cmt unit and monitor back flow
						Floats held hand over to rig to stab out of Float shoe and circulate DP clean and pooh.
						Wash up cmt unit.
18/11/2008						Prepare for BOP testing for rig and 13 3/8" cmt job



Stages

1	Pump 2 BBL's Seawater	20:17:57	2	Pressure test lines	20:23:00
3	Pump 2 BBL's Seawater	20:27:15	4	Mix and Pump 83BBL's Slurry	20:33:20
5	Displace 13BBL Seawater	20:50:49			

Customer: Beach/ADA	Job Date: 17/11/08
Well Description: PeeJay #1	Job: 30" Conductor

CemWin v1.7.2
18-Nov-08 08:52

HALLIBURTON

HALLIBURTON	CUSTOMER	SALES ORDER No.	DATE
	Beach Petroleum	0	16 November 2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
Peejay-1	Bass Strait	Australia	John Hargreaves	Rocco Rossoun	Exploration
JOB TYPE		**JOB PURPOSE CODE**		**BDA**	**RIG**
Zonal Isolation		CEMENT CONDUCTOR CASING 14161		Perth	West Triton

ATTENDEES

JSA signed by	Driller-Toolpusher	Company man	
Rig crew	Halliburton Personel		

HAZARDS FOUND AT JOB SITE

MARK BOXES WITH AN (X) OR LEAVE BLANK IF NOT APPLICABLE

- [ ] **Electrical** Discuss location of electrical lines and power sources in relation to equipment and lines
- [x] **Hydraulic Leaks** - Discussed procedures to follow for leaks
- [ ] **Chemicals** Discuss harmful substances on the job site (eg. H2S, flammable gasses, drilling fluids, additives well bore fluids, Radioactive). Ask for MSDS sheets when necessary Discuss possible exposures to substances such as dust, acids, akalines, vapours, and Flammable/combustibles
- [X] **Communication** Discuss radios, hand signals etc.
- [X] **Noise** Discuss noise levels from equipment. Avoid placing high noise producing equipment next to work stations when possible. Avoid areas of high noise if possible or use appropriate hearing protection
- [ ] **Explosives** Discuss explosives handling and storage procedure
- [ ] **Ignition sources** Discuss possible ignition sources (eg. engines, electrical equipment, open flames, smoking etc.)
- [X] **Lifting** Discuss proper lifting techniques and ways to eliminate or reduce heavy lifting such as; forklifts, cranes, and sharing the load.
- [ ] **Wireline** Discuss cables, tape off no go areas.
- [ ] **Confined Spaces** Discuss any required entry into confined spaces (eg. Cellars, tanks, pits).
- [X] **Walking / Working Surfaces** Discuss the terrain where the rig up and job will occur (eg. Boards, limestone, mud, stairways, walkways, the derrick, and the rig floor Discuss the dangers in walking on cementing equipment, especially on HT400 pumps
- [ ] **Wellbore fluids or Gasses** Discuss shale shaker, Frac tanks, return lines, and vent lines.
- [X] **Slipping and tripping** Discuss tripping hazards (eg. equipment and lines on the ground and rig floor, suction hoses and vent lines)
- [X] **Falling** Discuss job procedures requiting work at heights greater than 1.8m
- [X] **Environment** Discuss environmental conditions (eg. heat, cold, ice snow, rain, wind, dust, visibility etc.)
- [X] **Overhead** Discuss overhead hazards (eg, guy wires, hazards while on rig floor or under the rig floor). Discuss equipment rigged up overhead such as DME above the rig floor, lubricators, chains, pulleys.
- [ ] **Radiation** Discuss radiation hazards introduced to the site.
- [X] **Pressure** Discuss pressure hazards such as DME and bulk tanks

HAZARD CONTROLS

- [X] **Personal protective equipment** Discuss required PPE such as respirators, head protection, hearing protection, protective footwear, hand and skin protection, and fall protection
- [X] **Assembly Points** Discuss where to gather in the event of an emergency.
- [X] **Physical barriers** Discuss items such as hose covers, line tie-downs, guards, railings, and inert gas blankets.
- [X] **Location of eyewash / safety shower station** Discuss the location of the eyewash / safety shower station and how to use it.
- [ ] **Spill control** Discuss measures used for reporting and containing spills.
- [X] **Vents** Discuss vent lines for Frac tanks and bulk tanks.
- [ ] **Ignition source controls** Discuss control measures for ignition sources such as the use of spark arresters, emergency shutdown procedures, and NO SMOKING rules.
- [X] **Safety equipment** Discuss safety items such as pop-off valves, fire extinguishers, and communication devices.
- [X] **Emergency Shut Down Procedures** Discuss when, how and what to shut down in the event of an emergency.
- [X] **Wind direction** Discuss the wind direction and how it may change the contingency plan such as the assembly area location, and discuss how to detect wind direction on the job site (eg. Windsocks, streamers etc.)
- [X] **Recovery Procedures** Discuss how to return to normal operating procedures after an emergency.
- [X] **Fire fighting** Discuss fire fighting responsibilities with the appropriate personnel (trained & equipped personnel only)
- [X] **First Aid Station** point out the location of the first aid lot and who is responsible for administering first aid.
- [X] **High Pressure Manifolding** Clearly mark all high pressure manifolding after rigging it up and before commencing any pumping. Possible marking may include: Yellow tape, signs, roping off the area, orange cones etc.
- [ ] **Environment** Discuss control measures for environmental factors such as temperature, wind, ice, rain, snow, etc.
- [X] **Injury and Accident Procedures** Discuss personnel responsibilities and procedures in the event of an injury or accident.
- [X] **Rescue Procedures** Discuss rescue procedures with the appropriate personnel (trained and equipped)

PERSONELL RESPONSIBILITES

Discuss individual roles and responsibilities for all of the above. Determine the level of understanding by asking questions, performing skill checks or other forms of evaluation, depending upon the hazards of the process (eg. Opening and closing of valves, the correct use of communication devices, the correct use of specific PPE such as fall protection, and an understanding of equipment and procedures.

EMERGENCY PROCEDURES

TOTAL EVACUATION AREA!!

CONTACT DETAILS

Ambulance / EMS:		First Aid Responders on this site (names):	
Doctor:			
Supervisor: Halliburton		Hospital:	
Fire Department		Police:	
Information Centre:		National Poisons and Hazardous Chemicals	

HALLIBURTON

PRE JOB OPERATIONAL CHECKLIST

WELL NAME	Pee Jay -1
DATE	17/11/2008
JOB DETAIL	Pressure testing Rig Surface equipment
HES REP	John Hargreaves
COMP REP	Rocco Rossoun

JSA's reviewed	YES	
Unit checklist signed	YES	
Correct PPE onsite	YES	
MSDS for chemicals available	NA	

VOLUMES		**TARGET RATE**
Spacers		
Lead slurry	78.0bbls	
Tail Slurry		
Displacement	13.0bbls	
Top Up Job		
Max Rate Allowed	1500.0bpm	

PRESSURE

Surface Lines test	1000psi	
The surface line test should be at least the max allowable pressure for the job		
Casing Pressure test	N/A	
Max pressure allowed	1500psi	**CHECK CASING GRADE!**
Kickouts/PRV set to max psi allowed	**1500psi**	***CRITICAL***
Expected Bump Pressure	**N/A**	

DATA RECORDING

Unipro / Chart recorder Functional & ON	YES	***CRITICAL***
Displacement pressures monitorable?	YES	If the rig is displacing can we monitor the pressure?
Previous Jobs Downloaded	NA	

WELL CONDITIONS

Any Abnormal conditions expected,any instructions?

*REMEMBER - AT ANY TIME THE JOB PARAMETERS CHANGE OR THERE IS AN UNPLANNED EVENT, **STOP THE JOB ,STEP BACK AND COMMUNICATE** WITH YOUR WORK PARTY THE NEW PLAN*

HALLIBURTON

Engines	Pass	Fail	Comments
Check Oils,water,air	x		
Air Starter Operation	x		
Check Fuel Filter / levels	x		
Check Throttle / Trans. operation	x		
Check for Oil Leaks	x		
Hydraulic System / Filters	x		

Control Panel	Pass	Fail	Comments
MD Gauges	x		
Air ,Oil,Temp Gauges	x		
Air Actuator Valves / Hoses	x		
mix / boost pump gauges	x		
Kick Outs Functional	x		

Displacement Tanks	Pass	Fail	Comments
Tank Condition	x		
All Butterfly Valves	x		
Air Actuators	x		

RCM	Pass	Fail	Comments
Recirc / Mix Pump	x		
Cement Head Operation		x	Stripped and repair
Agitators	x		
MD Chart Recorder	x		
Unipro Operation	x		

HT-400 Pumps	Pass	Fail	Comments
Power End Oil Checked	x		
Oiler Operation	x		
Plungers & Packing	x		
Valves	x		

Auxillary Equipment	Pass	Fail	Comments
All Lo-Torq Valves Serviced	x		
Lo-Torq's Operating Freely	x		
Chiksan Loops Serviced - Tested	x		
All suction hoses serviceable	x		
Cement Head serviced	x		
Debrief with Rig Representative	**YES**	**NO**	
	X		

Operator:John Hargreaves		**Date**	**16/11/2008**
Company Rep:Sean Defreitas		**Rig**	**West Triton**

6.2 13 3/8 Surface casing

Beach Petroleum

POST JOB REPORTS
CEMENTING/PUMPING

Well Name : Peejay-1

Rig: West Triton

SURFACE CASING 7521

Prepared for Sean Defreitas

20/11/2008

Prepared by John Hargreaves

HALLIBURTON

The Future is Working Together.

Notice: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the use of the information given in this report

HALLIBURTON

HALLIBURTON	CUSTOMER	SALES ORDER No.	DATE
	Beach Petroleum		20 November 2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
PeeJay-1	Bass Strait	Australia	John Hargreaves	Sean Defreitas	Exploration
JOB TYPE		**JOB PURPOSE CODE**		**BDA**	**RIG**
Zonal Isolation		SURFACE CASING 7521		Perth	West Triton

KEY PERFORMANCE INDICATORS

TYPE OF JOB (Cementing or Non-Cementing): *Select the job type (Cementing or Non-Cementing)*	Cementing	**WAS THIS A PRIMARY CEMENT JOB (YES / NO)** *Primary cement job = Casing job, Liner Job, tie back*	YES
TOTAL OPERATING TIME (hrs) *Rig up/ Pumping/ Rig Down*	72.0 hrs	**DID WE RUN WIPER PLUGS?**	Top Plug
HSE INCIDENT, ACCIDENT, INJURY: *This should be recordable incidents only*	NO	**WAS THIS A PLUG OR SQUEEZE JOB?**	Neither
WAS THE JOB DELIVERED CORRECTLY AS PER. *This will be dictated by the customer*	NA	**WAS THIS A PRIMARY OR REMEDIAL JOB?** Remedial = Repeated attempts or corrections of initial cement job	Primary
TOTAL TIME PUMPING (hrs) *Total number of hours pumping fluid on this job*	3.0 hrs	**MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE** *Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed*	100%
NON -PRODUCTIVE RIG TIME: *As a result of Halliburton cementing PSL*	None	*density divided by total bbls of cement multiplied by 100* **WAS AUTOMATED DENSITY CONTROL USED**	YES
NUMBER OF JSA'S PERFORMED:	3		
		JOB WAS PUMPED AT DESIGNED PUMP RATE *Pump rate ranged defined as +/- bpm. Calculation : total bbls of fluid pumped at*	100%
NUMBER OF UNPLANNED SHUTDOWNS (After starti		*the designed rate divided by total bbls of fluid pumped multiplied by 100*	
TYPE OF RIG(CLASSIFICATION) JOB WAS PERFORM	JACKUP	**NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HE** *Number of remedial squeeze jobs required after primary job performed by HES*	N/A
REASON FOR UNPLANNED SHUTDOWNS (After starting to pump) *Add details in job logs*		**NUMBER OF REMEDIAL AQUEEZE JOBS REQUIRED - CO** *Number of remedial squeeze jobs required after primary job performed by competition*	N/A
REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL respo *Add details in job logs*		**NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES** *Number of remedial plug jobs required after primary plug pumped by HES*	N/A

EJCS / CUSTOMER COMMENTS

Dear Customer,

We hope you were happy with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and services of a standard unmatched in the service sector of the energy industry

Please take the time to let us know if our performance met your expectations. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use

Please indicate your response by placing a tick in the box underneath the rating that best matches your opinion.

	Superior Performance (Establish new quality performance) 5	**Exceeded Expectations** (Provided more than what was expected) 4	**Met expectations** (Did what was expected) 3	**Below expectations** (Did not do what was expected, recovery made) 2	**Poor** (Job problems / failures occured) **Create CPI** 1
Did our personnel perform the job to your satisfaction?					
Did our equipment perform the job to your satisfaction?					
Did we perform the job to the agreed upon design?					
Did our products and materials perform as you expected?					
Did we perform in a safe & careful manner? PPE, Pre/Post mtgs, JSA					
Did we perform in an environmentally sound manner? Spills, discharges, clean up					
Was the job performed as scheduled? On time, as designed/discussed					
Did the equipment condition & appearance meet you expectations?					
How well did our personnel communicate during mobilization, rig up and job execution					

	YES	NO
Overall, I was satisfied with Halliburton's job performance		

Customer Comments? *(What can we do to improve/maintain our services?)*

Customer Signature: ..... **Date:** .....

PERSONELL

PERSONNEL / EXPOSURE		hrs	PERSONNEL / EXPOSURE		hrs	PERSONNEL / EXPOSURE		hrs	PERSONNEL / EXPOSURE		hrs
126881	John Hargreaves	72	386793	Robert Bridgman	12						

EQUIPMENT

SAP#	PUMPING / MIXING	HOURS	SAP#	BULK SUPPLY / TANKS	HOURS
10951913	SKD ADVANTAGE 25DZ2 - WEST TRITAN	72			
10960844	SKD CMS - WEST TRITAN	72			

FLOAT EQUIPMENT AND CASING EQUIPMENT

SAP#	FLOAT EQUIPMENT	QTY	SAP#	PLUGS	QTY
	13 3/8" Float collar BTC Super Seal II L-80-NR	1	100004666	13 3/8" SSR Top Plug NR	1
	13 3/8" Float shoe BTC Super Seal II L-80	1			
SAP#	**CASING ATTACHMENTS**	**QTY**	**SAP#**	**OTHER**	**QTY**
	Weatherford Bowcentralizers	6		250Ton Halliburton SSR Plug CMT Head	1

WELL PROFILE

NEW CASING	OPEN HOLE + EXCESS OR CALIPER DATA	PREVIOUS CASINGS
Non Tapered Casing , SSR, 11.64m shoe track		
13 3/8"in 68ppf L-80 Buttress : 23m to 804m MD, m TVD	16in, 10 percent excess, 215mm to 810m	30in, 310ppf, X52m to 215m

FOR PLUG AND LINER JOBS PLEASE INDICATE WORKSTRING 5.5in 24.7ppf Drill Pipe with m of in ppf Stinger

CEMENT DESIGN

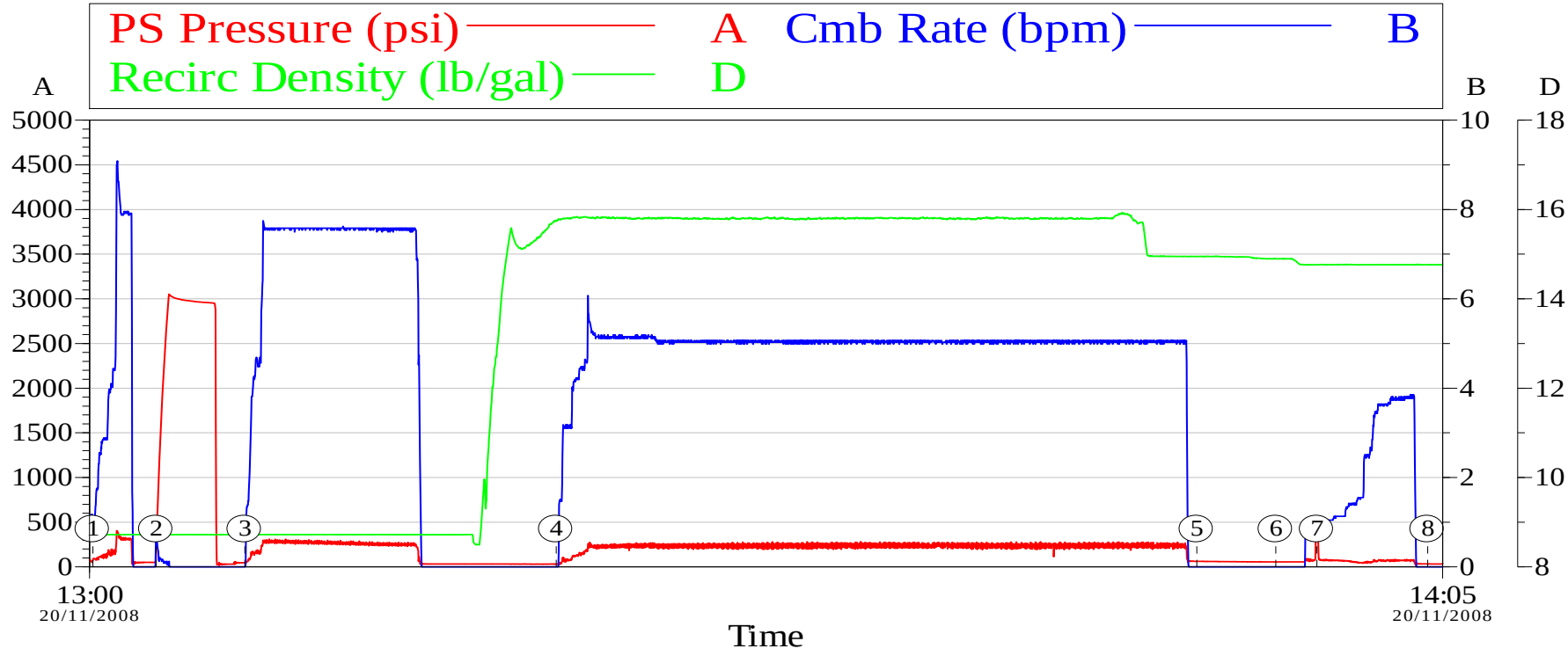
Lead			
DENSITY	15.8ppg	**WATER**	5.11gal/sk
YIELD	1.16cuft/ft	**MIX FLUID**	5.11gal/sk
WATER SOURCE	Drillwater		
CEMENT TYPE	ABC Class 'G' at 94lb/sk		
Total Cement Used	sks		
Estimated TOC	300m		

Additive	Concentration	Total Used

END OF JOB DETAILS

JOB LOGS

DATE	TIME	VOLUME	PRESSURE (psi)		RATE	JOB DESCRIPTION
DAY-MTH-YR	HRS:MIN	BBLS	HIGH	LOW	BPM	REMARKS/DETAILS
18/11/2008						Fill Bop with water and prepare to Pressure test Annular,Hold JSA before testing.
						Attempt to pressure test ,Test leaking,Bled off and rig go ahead and fix problem
						Fill Bop with water and prepare to Pressure test Annular.
	19:00					Pressure up on Annular ,
	19:15					Bled off due to Annular leaking.
	19:15					Line up to test Top Pipe rams to 250psi
	19:23					Bled due to test leaking
	19:28					Line up to test Pipe rams to 250psi,test leaking and check
	19:48					Bled off and line to test Middle rams
	19:50					Pressure Middle rams to 250psi and bring pressure to 1000psi and 2000psi due to
						pressure leaking off.Found leaking valve up near drill floor
	20:00					Bled pressure off and line up and isolate leaking valve.
	20:02					Test 1 = Middle Rams
	20:03			250		Low test 250psi
	20:09		5000			High test 5000psi
	20:17					Test Ok Bled pressure off
						Test 2 = Top Rams and HCR
	20:17			250		Low test 250psi
	20:26		5000			High test 5000psi
	20:39					Test Ok Bled pressure off
						Test 3 = Bottom Rams
	20:41			250		Low test 250psi
	20:46		5000			High test 5000psi
	21:05					Test Ok Bled pressure off
						Test 4 = Annular and Manual HCR
	21:07			250		Low test 250psi
	21:17		5000			High test 5000psi
	21:25					Test Ok Bled pressure off
19/11/2008						Hold pre job JSA before pressure testing
	13:03					Flush line to rig floor
	13:06			250		Low test 250psi
	13:11		5000			High test 5000psi
	13:17					Test Ok Bled pressure off
	19:45					Pick up Cmthead and make up on DP
	20:30					Lay cmt head back on main deck.
20/11/2008	10:45					Make up Cmthead and rih to Land casing out
	12:45					Hold pre job cmt safety meeting.
	13:00	10	300	50	8	Pump 10 BBL Freshwater
	13:03		3000			Pressure test lines to 3000psi
	13:07	60	300		7.5	Pump 60 BBL's Freshwater
	13:22	142	300	50	5	Mix and pump 142BBL cmt slurry at 15.8PPG
	13:52					Finished pumping cmt slurry,Shut down and job to rig floor and drop DP from CMT head
	13:58					Start displacing Freshwater and indicator flag on SSR cmt head indicated dart had left head
						Pumped a further 1 BBL at approx 1BPM and pressure increased to 500psi,
						To land out Dart on Top Plug was a string volume of 1.6BBL's.
						No increase in pressure to shear out Top Plug continue to displace and bring rate up to
						3.8BPM , Pumped a Total of 11.6BBL's as per program.
	14:04					Shut down and hand over to rig pumps
						Rig pumps Pumped a total of 2655 strokes or 369BBL's
						Didn't Bump Plug shut down bumps final displacement pressure 300psi
	14:50					Hand back to Halliburton and Bled pressure of and check Floats.
						Floats held with 3.5 BBL returned.
						Wash up cmt unit .
						Break down cmt head and drill quip break running tool.
						Top plug still attached to equalizing sub.
						Break down running tools and find DP dart in string just above Drill Quip running tool.
						Rig continue operations.
						Nipple up Bop's and make up DP and BHA .



Stages

1	Pump 10 BBL Freshwater	13:00:09	2	Pressure test lines	13:03:12
3	Pump 60 Freshwater	13:07:27	4	Mix and pump 142BBL's	13:22:25
5	Drop DP Dart	13:53:11	6	Displace dart	13:56:59
7	Indication of DP pressure spike	13:58:58	8	Hand over to rig pumps to displace.	14:04:17

Customer: ADA/Beach Petroleum	Job Date: 20/11/08
Well Description: PeeJay#1	Job: 13 3/8" Casing

CemWin v1.7.2
20-Nov-08 20:44

HALLIBURTON

HALLIBURTON	CUSTOMER	SALES ORDER No.	DATE
	Beach Petroleum	0	20 November 2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
Peejay-1	Bass Strait	Australia	John Hargreaves	Sean Defreitas	Exploration

JOB TYPE	JOB PURPOSE CODE	BDA	RIG
Zonal Isolation	SURFACE CASING 7521	Perth	West Triton

ATTENDEES

JSA signed by	Driller-Toolpusher	Company man	
Rig crew	Halliburton Personel		

HAZARDS FOUND AT JOB SITE

MARK BOXES WITH AN (X) OR LEAVE BLANK IF NOT APPLICABLE

- [ ] **Electrical** Discuss location of electrical lines and power sources in relation to equipment and lines
- [x] **Hydraulic Leaks** - Discussed procedures to follow for leaks
- [ ] **Chemicals** Discuss harmful substances on the job site (eg. H2S, flammable gasses, drilling fluids, additives well bore fluids, Radioactive). Ask for MSDS sheets when necessary Discuss possible exposures to substances such as dust, acids, akalines, vapours, and Flammable/combustibles
- [X] **Communication** Discuss radios, hand signals etc.
- [X] **Noise** Discuss noise levels from equipment. Avoid placing high noise producing equipment next to work stations when possible. Avoid areas of high noise if possible or use appropriate hearing protection
- [ ] **Explosives** Discuss explosives handling and storage procedure
- [ ] **Ignition sources** Discuss possible ignition sources (eg. engines, electrical equipment, open flames, smoking etc.)
- [X] **Lifting** Discuss proper lifting techniques and ways to eliminate or reduce heavy lifting such as; forklifts, cranes, and sharing the load.
- [ ] **Wireline** Discuss cables, tape off no go areas.
- [ ] **Confined Spaces** Discuss any required entry into confined spaces (eg. Cellars, tanks, pits).
- [X] **Walking / Working Surfaces** Discuss the terrain where the rig up and job will occur (eg. Boards, limestone, mud, stairways, walkways, the derrick, and the rig floor Discuss the dangers in walking on cementing equipment, especially on HT400 pumps
- [ ] **Wellbore fluids or Gasses** Discuss shale shaker, Frac tanks, return lines, and vent lines.
- [X] **Slipping and tripping** Discuss tripping hazards (eg. equipment and lines on the ground and rig floor, suction hoses and vent lines)
- [X] **Falling** Discuss job procedures requiting work at heights greater than 1.8m
- [X] **Environment** Discuss environmental conditions (eg. heat, cold, ice snow, rain, wind, dust, visibility etc.)
- [X] **Overhead** Discuss overhead hazards (eg, guy wires, hazards while on rig floor or under the rig floor). Discuss equipment rigged up overhead such as DME above the rig floor, lubricators, chains, pulleys.
- [ ] **Radiation** Discuss radiation hazards introduced to the site.
- [X] **Pressure** Discuss pressure hazards such as DME and bulk tanks

HAZARD CONTROLS

- [X] **Personal protective equipment** Discuss required PPE such as respirators, head protection, hearing protection, protective footwear, hand and skin protection, and fall protection
- [X] **Assembly Points** Discuss where to gather in the event of an emergency.
- [X] **Physical barriers** Discuss items such as hose covers, line tie-downs, guards, railings, and inert gas blankets.
- [X] **Location of eyewash / safety shower station** Discuss the location of the eyewash / safety shower station and how to use it.
- [ ] **Spill control** Discuss measures used for reporting and containing spills.
- [X] **Vents** Discuss vent lines for Frac tanks and bulk tanks.
- [ ] **Ignition source controls** Discuss control measures for ignition sources such as the use of spark arresters, emergency shutdown procedures, and NO SMOKING rules.
- [X] **Safety equipment** Discuss safety items such as pop-off valves, fire extinguishers, and communication devices.
- [X] **Emergency Shut Down Procedures** Discuss when, how and what to shut down in the event of an emergency.
- [X] **Wind direction** Discuss the wind direction and how it may change the contingency plan such as the assembly area location, and discuss how to detect wind direction on the job site (eg. Windsocks, streamers etc.)
- [X] **Recovery Procedures** Discuss how to return to normal operating procedures after an emergency.
- [X] **Fire fighting** Discuss fire fighting responsibilities with the appropriate personnel (trained & equipped personnel only)
- [X] **First Aid Station** point out the location of the first aid lot and who is responsible for administering first aid.
- [X] **High Pressure Manifolding** Clearly mark all high pressure manifolding after rigging it up and before commencing any pumping. Possible marking may include: Yellow tape, signs, roping off the area, orange cones etc.
- [ ] **Environment** Discuss control measures for environmental factors such as temperature, wind, ice, rain, snow, etc.
- [X] **Injury and Accident Procedures** Discuss personnel responsibilities and procedures in the event of an injury or accident.
- [X] **Rescue Procedures** Discuss rescue procedures with the appropriate personnel (trained and equipped)

PERSONELL RESPONSIBILITES

Discuss individual roles and responsibilities for all of the above. Determine the level of understanding by asking questions, performing skill checks or other forms of evaluation, depending upon the hazards of the process (eg. Opening and closing of valves, the correct use of communication devices, the correct use of specific PPE such as fall protection, and an understanding of equipment and procedures.

EMERGENCY PROCEDURES

TOTAL EVACUATION AREA!!

CONTACT DETAILS

Ambulance / EMS:		First Aid Responders on this site (names):	
Doctor:			
Supervisor: Halliburton		Hospital:	
Fire Department		Police:	
Information Centre:		National Poisons and Hazardous Chemicals	

HALLIBURTON

PRE JOB OPERATIONAL CHECKLIST

WELL NAME	Pee Jay -1
DATE	19/11/2008
JOB DETAIL	Cmt 13 3/8" Surface casing
HES REP	John Hargreaves
COMP REP	Sean Defreitas

JSA's reviewed	YES
Unit checklist signed	YES
Correct PPE onsite	YES
MSDS for chemicals available	NA

VOLUMES		**TARGET RATE**
Spacers	70.0bbls	
Lead slurry	142.0bbls	
Tail Slurry		
Displacement	11.6bbls	
Top Up Job		
Max Rate Allowed	3000.0bpm	

PRESSURE

Surface Lines test	3000psi	
The surface line test should be at least the max allowable pressure for the job		
Casing Pressure test	N/A	
Max pressure allowed	3000psi	**CHECK CASING GRADE!**
Kickouts/PRV set to max psi allowed	**3500psi**	***CRITICAL***
Expected Bump Pressure	**N/A**	

DATA RECORDING

Unipro / Chart recorder Functional & ON	YES	***CRITICAL***
Displacement pressures monitorable?	NO	If the rig is displacing can we monitor the pressure?
Previous Jobs Downloaded	NA	

WELL CONDITIONS

Any Abnormal conditions expected,any instructions?

*REMEMBER - AT ANY TIME THE JOB PARAMETERS CHANGE OR THERE IS AN UNPLANNED EVENT, **STOP THE JOB ,STEP BACK AND COMMUNICATE** WITH YOUR WORK PARTY THE NEW PLAN*

HALLIBURTON

Engines	Pass	Fail	Comments
Check Oils,water,air	x		
Air Starter Operation	x		
Check Fuel Filter / levels	x		
Check Throttle / Trans. operation	x		
Check for Oil Leaks	x		
Hydraulic System / Filters	x		

Control Panel	Pass	Fail	Comments
MD Gauges	x		
Air ,Oil,Temp Gauges	x		
Air Actuator Valves / Hoses	x		
mix / boost pump gauges	x		
Kick Outs Functional	x		

Displacement Tanks	Pass	Fail	Comments
Tank Condition	x		
All Butterfly Valves	x		
Air Actuators	x		

RCM	Pass	Fail	Comments
Recirc / Mix Pump	x		
Cement Head Operation	x		
Agitators	x		
MD Chart Recorder	x		
Unipro Operation	x		

HT-400 Pumps	Pass	Fail	Comments
Power End Oil Checked	x		
Oiler Operation	x		
Plungers & Packing	x		
Valves	x		

Auxillary Equipment	Pass	Fail	Comments
All Lo-Torq Valves Serviced	x		
Lo-Torq's Operating Freely	x		
Chiksan Loops Serviced - Tested	x		
All suction hoses serviceable	x		
Cement Head serviced	x		
Debrief with Rig Representative	**YES**	**NO**	
	X		

Operator:John Hargreaves		**Date**	**19/11/2008**
Company Rep:Sean Defreitas		**Rig**	**West Triton**

6.3 Plug & Abandon

Beach Petroleum

POST JOB REPORTS
CEMENTING/PUMPING

Well Name : PeeJay -1

Rig: West Triton

PLUG TO ABANDON 7528

Prepared for Sean Defreitas

28/30-11-2008

Prepared by Rob Bridgeman

HALLIBURTON

The Future is Working Together.

Notice: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the use of the information given in this report

HALLIBURTON

HALLIBURTON	CUSTOMER	SALES ORDER No.	DATE
	Beach Petroleum	0	28/30-11-2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
Peejay #1	Bass Strait	Australia	Rob Bridgeman	Sean Defreitas	Exploration

JOB TYPE	JOB PURPOSE CODE	BDA	RIG
P&A Plugs	PLUG TO ABANDON 7528	0	West Triton

Beach Petroleum & HALLIBURTON KEY PERFORMANCE INDICATORS

TYPE OF JOB (Cementing or Non-Cementing):	Cementing	**WAS THIS A PRIMARY CEMENT JOB (YES / NO)**	YES
Select the job type (Cementing or Non-Cementing)		*Primary cement job = Casing job, Liner Job, tie back*	
TOTAL OPERATING TIME (hrs)	72.0 hrs	**DID WE RUN WIPER PLUGS?**	None
Rig up/ Pumping/ Rig Down			
HSE INCIDENT, ACCIDENT, INJURY:	NO	**WAS THIS A PLUG OR SQUEEZE JOB?**	Plug Job
This should be recordable incidents only			
WAS THE JOB DELIVERED CORRECTLY AS PER JOB DESIGN	YES	**DID THE WIPER PLUGS BUMP (YES / NO)**	YES
This will be dictated by the customer			
TOTAL TIME PUMPING (hrs)	5.0 hrs	**WAS THIS A PRIMARY OR REMEDIAL JOB?**	Primary
Total number of hours pumping fluid on this job		Remedial = Repeated attempts or corrections of initial cement job	
SIMULATED PUMP TIME (hrs)	0.0 hrs	**MIXING DENSITY OF JOB STAYED IN DESIGNED RANGE**	99%
Obtained from Cementing Programme's Pumping Schedule & Times		*Density defined as +/- 0.2ppg. Calculation: Total bbls cement mixed at designed*	
NON -PRODUCTIVE RIG TIME:	0.0 hrs	*density divided by total bbls of cement multiplied by 100*	
As a result of Halliburton cementing PSL		**WAS AUTOMATED DENSITY CONTROL USED**	YES
NUMBER OF JSA'S PERFORMED:	3		
		JOB WAS PUMPED AT DESIGNED PUMP RATE	99%
NUMBER OF UNPLANNED SHUTDOWNS (After starting to pump)	0	*Pump rate ranged defined as +/- bpm. Calculation : total bbls of fluid pumped at*	
		the designed rate divided by total bbls of fluid pumped multiplied by 100	
TYPE OF RIG (CLASSIFICATION) JOB WAS PERFORMED ON:	JACKUP	**NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - HES**	0
		Number of remedial squeeze jobs required after primary job performed by HES	
REASON FOR UNPLANNED SHUTDOWNS (After starting to pump)		**NUMBER OF REMEDIAL SQUEEZE JOBS REQUIRED - COMPETITION**	0
Add details in job logs		*Number of remedial squeeze jobs required after primary job performed by competition*	
REASON FOR NON-PRODUCTIVE RIG TIME (Cementing PSL responsibility):		**NUMBER OF REMEDIAL PLUG JOBS REQUIRED - HES**	0
Add details in job logs		*Number of remedial plug jobs required after primary plug pumped by HES*	

EJCS / CUSTOMER COMMENTS

We hope you were happy with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and services of a standard unmatched in the service sector of the energy industry

Please take the time to let us know if our performance met your expectations. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

Please indicate your response by placing a tick in the box underneath the rating that best matches your opinion.

	Superior Performance (Establish new quality performance standards)	**Exceeded Expectations** (Provided more than what was expected)	**Met expectations** (Did what was expected)	**Below expectations** (Did not do what was expected, recovery made) **Create CPI**	**Poor** (Job problems / failures occurred) **Create CPI**
	5	**4**	**3**	**2**	**1**
Did our personnel perform the job and was suitably qualified to your satisfaction?					
Did our equipment perform the job to your expectations?					
Did we perform the job to the agreed upon design?					
Did our products and materials perform as you expected?					
Did we perform in a safe & careful manner? PPE, Pre/Post mtgs, JSA with one Hoc or Observation card submitted per day since last job and attended safety meetings					
Did we perform in an environmentally sound manner? Spills, discharges, clean up					
Was the job performed as scheduled? On time, as designed/discussed					
Did the equipment condition & appearance meet you expectations?					
How well did our personnel communicate during mobilisation, rig up and job execution and promptly reported any incidents.					

	YES	**NO**
Overall, I was satisfied with Halliburton's job performance		

Customer Comments? *(What can we do to improve/maintain our services?)*

HES Comments?

Customer Signature: ..... **Date:** .....

DATE DAY-MTH-YR	TIME HRS:MIN	VOLUME BBLS	PRESSURE (psi) HIGH	 LOW	RATE BPM	JOB DESCRIPTION REMARKS/DETAILS
28/11/2008	0:00					Prejob meetting and JSA
Plug #1						
	15:10	12	250	2	4	Pump Drill water spacer
	15:19		3000			Pressure Test Lines
	15:25	4	200		4	Pump Drill water spacer
	15:29		30	0	0	Batch cement to 15.8
	15:33	87	208		5.2	Mix and pump cement @15.8 down hole
	15:52	2.5	100		3	Pump drill water spacer
	15:53	73	160		6	Pump drill mud displacment
	16:06					End displacing and check flow
xxxxxxx	xxxxx	xxxxx	xxxx	xxxx	xxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
29/11/2008						
Plug #2	4:40					Pre job safety meetting and JSA
	5:20	10	100		4.2	Pump drill water spacer
	5:27		3000			Pressure test Lines to 3000 psi
	5:36	6	100		4	Pump drill water spacer
	5:36					Batch cement to 15.8 PPG
	5:40	75	100		5.5	Mix and pump cement own hole
	5:57	3	100		5	Pump drill water spacer
	5:58	35	100		6.5	Displace with Drilling Mud
	6:04					End displacing and check for flow back
xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
30/11/2008						
Plug #3	14:00					Pre Job safety meetting and JSA
	14:11		2000			Pressure test lines to 2000 PSI
	14:18					Pump sea water spacer
	14:26	160	150		6	Mix and pump HTB cement down hole @15.9
	14:51	5	50		4.5	Dispalace with 5 BBL sea water
	14:52					End displacing and check for flow back
	19:30					Rig Down line for rig skidding
						Chemicals Used for P&A
						Cement Class "G"--- 36 MT
						Cement Class "HTB" 39 MT
						SCR 100L (retarder)---12.5 Gal
						NF-6 (Defoamer) 5 Gal

HALLIBURTON

CUSTOMER	SALES ORDER No.	DATE
Beach Petroleum	0	30 November 2008

CEMENT/PUMPING JOB SUMMARY

WELL	LOCATION/FIELD NAME	COUNTRY	HES REP	CUSTOMER REP	WELL TYPE
PeeJay -1	Bass Strait	Australia	Rob Bridgman	Sean Defreitas	Exploration
JOB TYPE		**JOB PURPOSE CODE**		**BDA**	**RIG**
P&A Plugs		PLUG TO ABANDON 7528		0	West Triton

ATTENDEES

Rob Bridgman	Co Man	Rig Crews	
Nigel Lucas	Day and Night Tool pusher		

HAZARDS FOUND AT JOB SITE

MARK BOXES WITH AN (X) OR LEAVE BLANK IF NOT APPLICABLE

- [ ] **Electrical** Discuss location of electrical lines and power sources in relation to equipment and lines
- [x] **Hydraulic Leaks** - Discussed procedures to follow for leaks
- [ ] **Chemicals** Discuss harmful substances on the job site (eg. H2S, flammable gasses, drilling fluids, additives well bore fluids, Radioactive). Ask for MSDS sheets when necessary Discuss possible exposures to substances such as dust, acids, alkalines, vapours, and Flammable/combustibles
- [x] **Communication** Discuss radios, hand signals etc.
- [x] **Noise** Discuss noise levels from equipment. Avoid placing high noise producing equipment next to work stations when possible. Avoid areas of high noise if possible or use appropriate hearing protection
- [ ] **Explosives** Discuss explosives handling and storage procedure
- [x] **Ignition sources** Discuss possible ignition sources (eg. engines, electrical equipment, open flames, smoking etc.)
- [x] **Lifting** Discuss proper lifting techniques and ways to eliminate or reduce heavy lifting such as; forklifts, cranes, and sharing the load.
- [ ] **Wireline** Discuss cables, tape off no go areas.
- [ ] **Confined Spaces** Discuss any required entry into confined spaces (eg. Cellars, tanks, pits).
- [ ] **Walking / Working Surfaces** Discuss the terrain where the rig up and job will occur (eg. Boards, limestone, mud, stairways, walkways, the derrick, and the rig floor Discuss the dangers in walking on cementing equipment, especially on HT400 pumps
- [x] **Wellbore fluids or Gasses** Discuss shale shaker, Frac tanks, return lines, and vent lines.
- [x] **Slipping and tripping** Discuss tripping hazards (eg. equipment and lines on the ground and rig floor, suction hoses and vent lines)
- [x] **Falling** Discuss job procedures requiting work at heights greater than 1.8m
- [x] **Environment** Discuss environmental conditions (eg. heat, cold, ice snow, rain, wind, dust, visibility etc.)
- [ ] **Overhead** Discuss overhead hazards (eg, guy wires, hazards while on rig floor or under the rig floor). Discuss equipment rigged up overhead such as DME above the rig floor, lubricators, chains, pulleys.
- [ ] **Radiation** Discuss radiation hazards introduced to the site.
- [x] **Pressure** Discuss pressure hazards such as DME and bulk tanks

HAZARD CONTROLS

- [x] **Personal protective equipment** Discuss required PPE such as respirators, head protection, hearing protection, protective footwear, hand and skin protection, and fall protection
- [x] **Assembly Points** Discuss where to gather in the event of an emergency.
- [x] **Physical barriers** Discuss items such as hose covers, line tie-downs, guards, railings, and inert gas blankets.
- [x] **Location of egewash / safety shower station** Discuss the location of the eyewash / safety shower station and how to use it.
- [ ] **Spill control** Discuss measures used for reporting and containing spills.
- [x] **Vents** Discuss vent lines for Frac tanks and bulk tanks.
- [ ] **Ignition source controls** Discuss control measures for ignition sources such as the use of spark arresters, emergency shutdown procedures, and NO SMOKING rules.
- [x] **Safety equipment** Discuss safety items such as pop-off valves, fire extinguishers, and communication devices.
- [x] **Emergency Shut Down Procedures** Discuss when, how and what to shut down in the event of an emergency.
- [ ] **Wind direction** Discuss the wind direction and how it may change the contingency plan such as the assembly area location, and discuss how to detect wind direction on the job site (eg. Windsocks, streamers etc.)
- [x] **Recovery Procedures** Discuss how to return to normal operating procedures after an emergency.
- [ ] **Fire fighting** Discuss fire fighting responsibilities with the appropriate personnel (trained & equipped personnel only)
- [x] **First Aid Station** point out the location of the first aid lot and who is responsible for administering first aid.
- [x] **High Pressure Manifolding** Clearly mark all high pressure manifolding after rigging it up and before commencing any pumping. Possible marking may include: Yellow tape, signs, roping off the area, orange cones etc.
- [x] **Environment** Discuss control measures for environmental factors such as temperature, wind, ice, rain, snow, etc.
- [ ] **Injury and Accident Procedures** Discuss personnel responsibilities and procedures in the event of an injury or accident.
- [ ] **Rescue Procedures** Discuss rescue procedures with the appropriate personnel (trained and equipped)

PERSONELL RESPONSIBILITES

Discuss individual roles and responsibilities for all of the above. Determine the level of understanding by asking questions, performing skill checks or other forms of evaluation, depending upon the hazards of the process (eg. Opening and closing of valves, the correct use of communication devices, the correct use of specific PPE such as fall protection, and an understanding of equipment and procedures.

EMERGENCY PROCEDURES

TOTAL EVACUATION AREA!!

CONTACT DETAILS

Ambulance / EMS:	Rig Medic	First Aid Responders on this site (names):	
Doctor:			
Supervisor: Halliburton	Rob Bridgman	Hospital:	
Fire Department		Police:	
Information Centre:		National Poisons and Hazardous Chemicals	

HALLIBURTON

PRE JOB OPERATIONAL CHECKLIST

WELL NAME	PeeJay #1
DATE	28/11/2008
JOB DETAIL	P & A , # Plugs
HES REP	Rob Bridman
COMP REP	Sean Defreitas

JSA's reviewed	YES	
Unit checklist signed	NO	
Correct PPE onsite	YES	
MSDS for chemicals available	YES	

VOLUMES		**TARGET RATE**
Spacers	yes	
Lead slurry		
Tail Slurry		
Displacement		
Top Up Job		
Max Rate Allowed	8.0bpm	

PRESSURE

Surface Lines test	yes	
The surface line test should be at least the max allowable pressure for the job		
Casing Pressure test	N/A	
Max pressure allowed	5000psi	**CHECK CASING GRADE!**
Kickouts/PRV set to max psi allowed	**3100psi**	***CRITICAL***
Expected Bump Pressure	**N/A**	

DATA RECORDING

Unipro / Chart recorder Functional & ON	YES	***CRITICAL***
Displacement pressures monitorable?	YES	If the rig is displacing can we monitor the pressure?
Previous Jobs Downloaded	YES	

WELL CONDITIONS

Any Abnormal conditions expected,any instructions?

*REMEMBER - AT ANY TIME THE JOB PARAMETERS CHANGE OR THERE IS AN UNPLANNED EVENT, **STOP THE JOB ,STEP BACK AND COMMUNICATE** WITH YOUR WORK PARTY THE NEW PLAN*

HALLIBURTON

Engines	Pass	Fail	Comments
Check Oils,water,air	Good		
Air Starter Operation	Good		
Check Fuel Filter / levels	Good		
Check Throttle / Trans. operation	good		
Check for Oil Leaks	Good		
Hydraulic System / Filters	good		

Control Panel	Pass	Fail	Comments
MD Gauges	y		
Air ,Oil,Temp Gauges	y		
Air Actuator Valves / Hoses	y		
mix / boost pump gauges	y		
Kick Outs Functional	y		

Displacement Tanks	Pass	Fail	Comments
Tank Condition	Good		
All Butterfly Valves	Functional		
Air Actuators	Functional		

RCM	Pass	Fail	Comments
Recirc / Mix Pump	80PSI		
Cement Head Operation	Good		
Agitators	Good		
MD Chart Recorder	Functional		
Unipro Operation	Just		connection Probs

HT-400 Pumps	Pass	Fail	Comments
Power End Oil Checked	good		
Oiler Operation	good		
Plungers & Packing	OK		
Valves	OK		

Auxillary Equipment	Pass	Fail	Comments
All Lo-Torq Valves Serviced	26-Nov-08		
Lo-Torq's Operating Freely	Yes		
Chiksan Loops Serviced - Tested			Due mid 2009
All suction hoses serviceable	Yes		
Cement Head serviced			
Debrief with Rig Representative	**YES**	**NO**	
	yes		

Operator:Rob Bridgman Nigel Lucas		Date	28/11/2008
Company Rep:	Sean DeFr	Rig	West Triton

Attachment 6

LOT/FIT Report

Australian Drilling Associates Pty Ltd

LOT/FIT FORM

Well: PeeJay-1 **Rig:** West Triton **Date** 22-Nov-08

Test (FIT/LOT): **FIT**

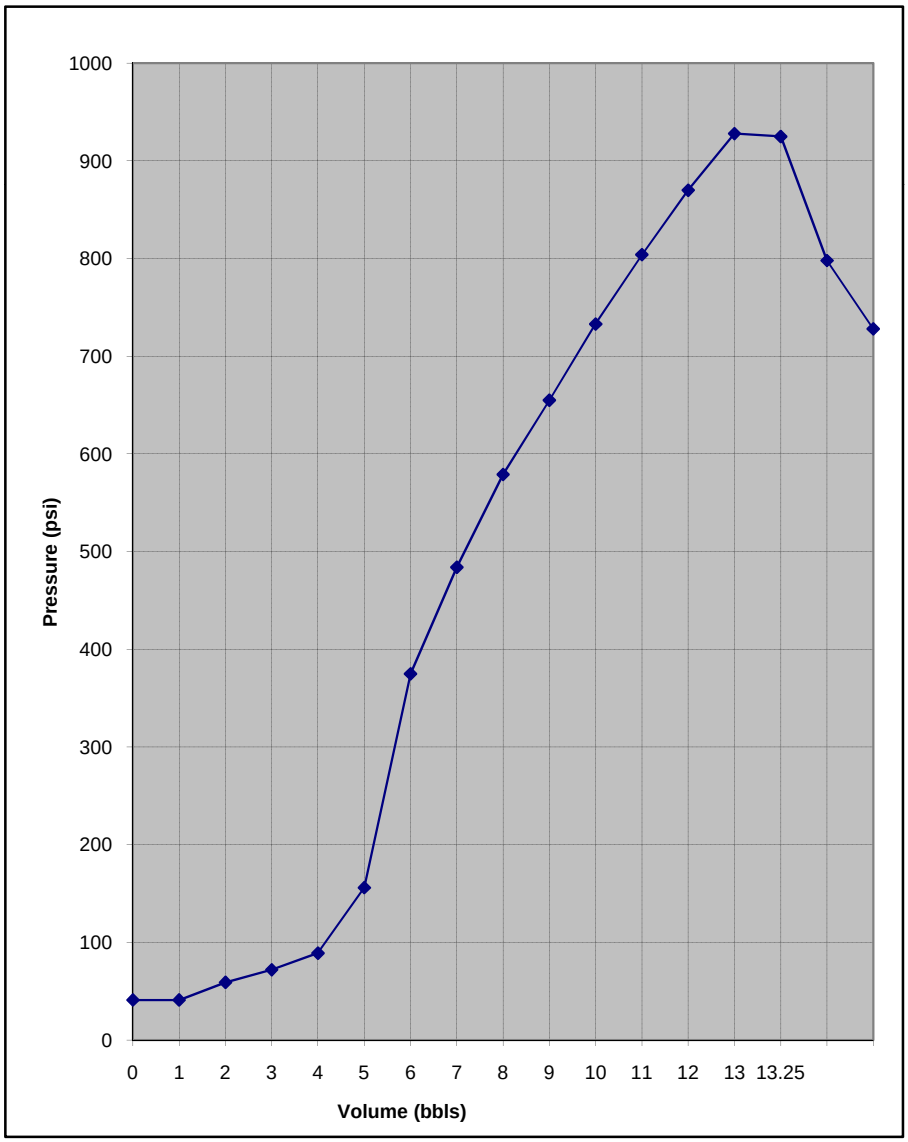
Mud Properties		Well Depth (m)	813	Vol pumped (bbls)	13.25
Weight (ppg)	8.8	Well TVD (m)	813	Vol lost (bbls)	6.25
PV (cp)		Casing size	13 3/8	Pressure(psi)	928
YP(lb/100sq.ft)		Shoe Depth (m)	804	Pump rate(bbls/min)	0.25
FL (cc)		Min.Burst (psi)	4,000	LOT (EMW)* ppg	**15.55**

*FIT/LOT(EMW ppg) = Applied Pressure (psi) + Mud weight
Shoe Depth (m) x 0.171

Time	Vol (bbls)	Ps (psi)
	0	41
	1	41
	2	59
	3	72
	4	89
	5	156
	6	375
	7	484
	8	579
	9	655
	10	733
	11	804
	12	870
ISP	13	928
	13.25	925
2 min		798
4 min		728
6 min		673
8 min		627
10 min		587
12 min		551
14 min		518

Ps = Surface pressure

Pumped 13.25 bbls,
Returned 7.0 bbls



Attachment 7

Deviation Survey and MWD Report (Schlumberger)

Schlumberger

Drilling & Measurements

PeeJay-1

End of Well Report

Schlumberger

BEACH PETROLEUM

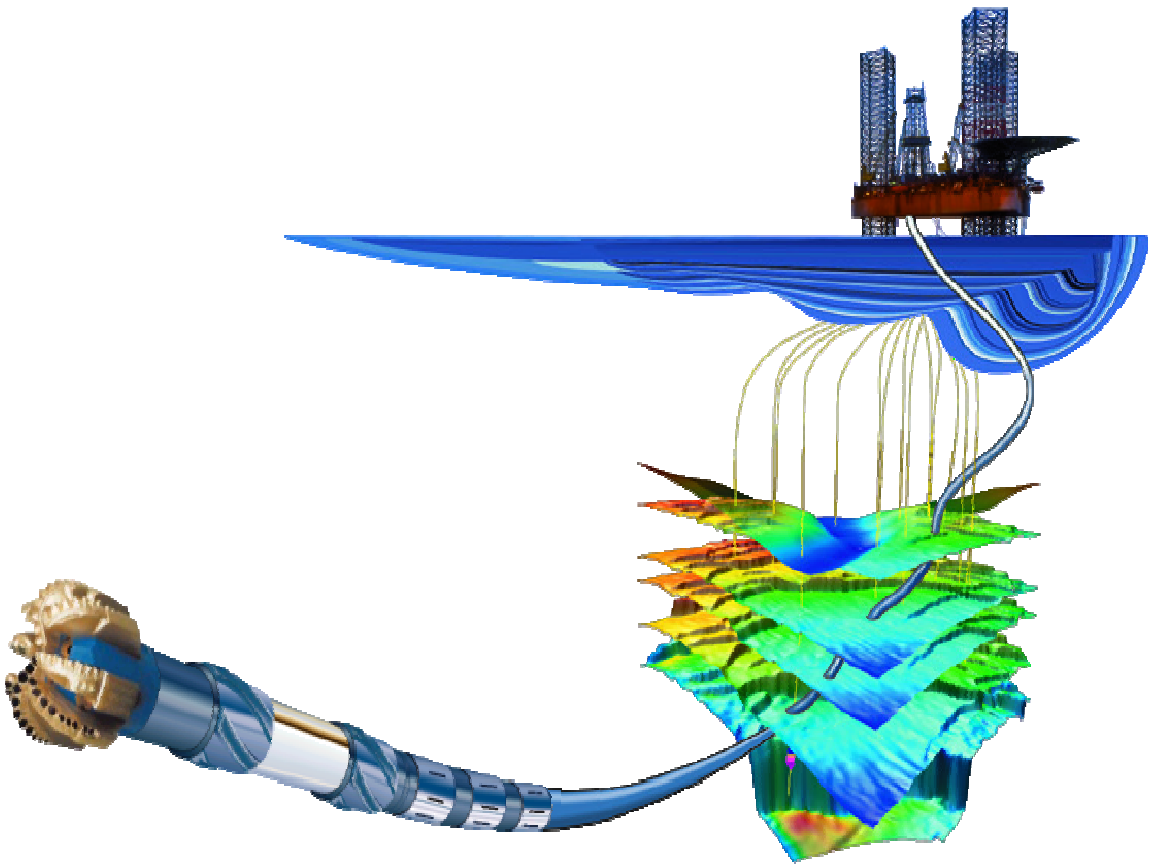
Contents

1. General Information
2. Definitive Survey
3. Drilling & MWD/LWD Run Summary
4. Equipment Run Reports
5. Service Quality Issues

Schlumberger

BEACH PETROLEUM

1. General Information



Schlumberger

BEACH PETROLEUM

General Information

Well Name:	PeeJay-1	
Rig:	West Triton	
Field:	Wildcat	
Location:	Bass Strait	
Country:	Australia	
Cell Members:	Marganda Sihite	MWD/LWD Engineer
	Dallas Perkins	MWD/LWD Engineer
	Wissam Chehabi	MWD/LWD Engineer
Town Contacts:	David Rapp	Operations Manager
	Michael McDermott	Field Services Manager
	Femi Daramola	Service Quality Coach
Company Representatives:	R. Rossouw	Senior Drilling Supervisor
	Peter Dane	Drilling Supervisor

Schlumberger

BEACH PETROLEUM

Geomagnetic and Survey Reference Criteria

PeeJay-1

Geomagnetic Data

Magnetic Model:	BGGM version 2008
Magnetic Date:	21 November 2008
Magnetic Field Strength:	1223.97 HCNT
Magnetic Declination:	13.22 °
Magnetic Dip:	-70.86 °

Survey Reference Criteria

Reference G:	1000.23 mGal
Reference H:	1223.97 HCNT
Reference Dip:	-70.86 °
G value Tolerance:	(+/-) 2.50 mGal
H value Tolerance:	(+/-) 6.00 HCNT
Dip Tolerance:	(+/-) 0.45 °

Survey Corrections Applied

Reference North:	True North
Magnetic Declination:	13.22 °
Grid Convergence:	0.42 °
Total Azimuth Correction:	12.80 °
Vertical Section Azimuth:	0.00 °

Schlumberger

BEACH PETROLEUM

Survey Reference Location

PeeJay-1 Surface Coordinates:

Latitude:	40° 29′ 47.908″ South
Longitude:	146° 21′ 35.458″ East
Northing:	5,516,921.312 meters
Easting:	445,754.686 meters
Vertical Datum:	Mean Sea Level (MSL)
Rotary Table Elevation:	34.543 m above (MSL)

Schlumberger

BEACH PETROLEUM

Health, Safety and Environment

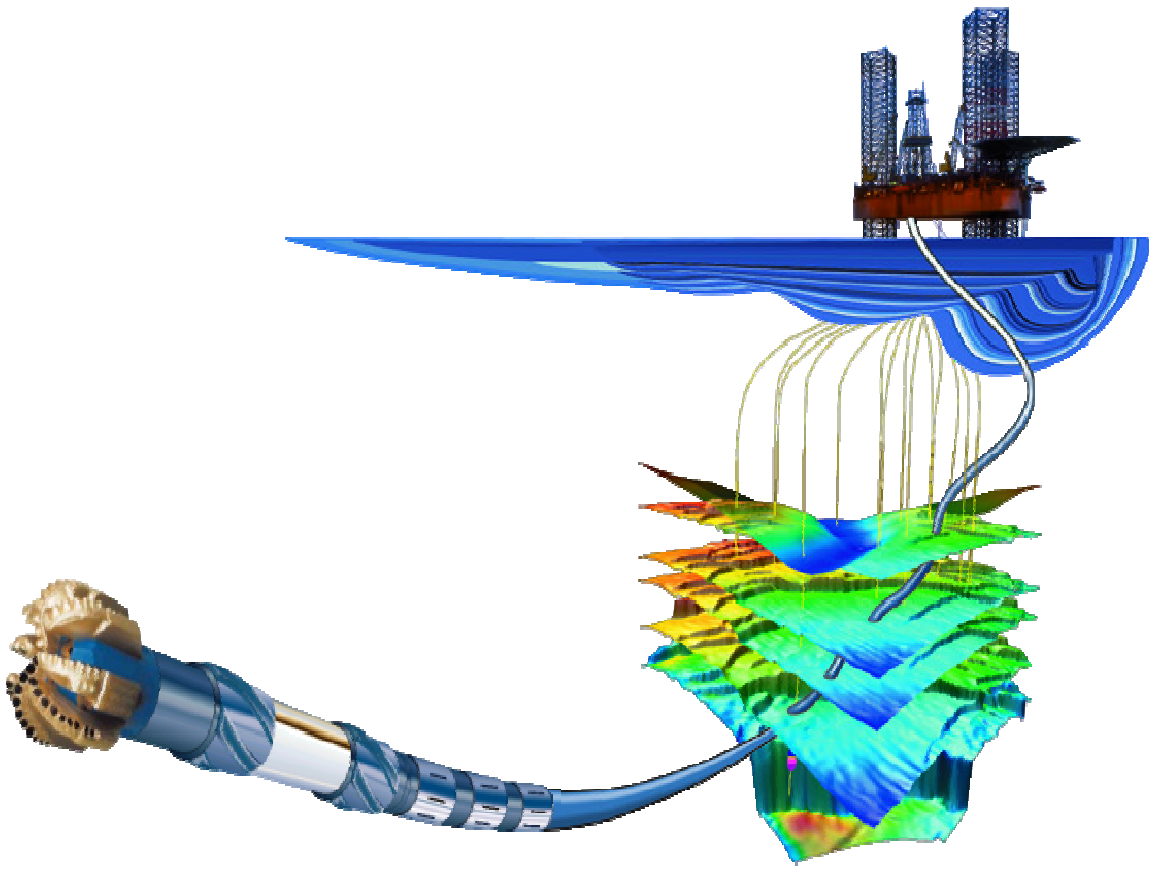
Schlumberger Drilling and Measurements personnel actively participated in the Seadrill STOP safety initiative, and attended pre-tour and weekly safety meetings.

Schlumberger Drilling and Measurements personnel were not involved in any safety incidents while on board the West Triton.

Schlumberger

BEACH PETROLEUM

2. Definitive Survey



Schlumberger

PeeJay-1 Final Geodetic Survey

Report Date:	December 2, 2008	Survey / DLS Computation Method:	Minimum Curvature / Lubinski
Client:	Beach Petroleum	Vertical Section Azimuth:	0.000°
Field:	Wildcat	Vertical Section Origin:	N 0.000 m, E 0.000 m
Structure / Slot:	PeeJay / 1	TVD Reference Datum:	RKB
Well:	PeeJay-1	TVD Reference Elevation:	34.2 m relative to MSL
Borehole:	PeeJay-1	Sea Bed / Ground Level Elevation:	-78.000 m relative to MSL
UWI/API#:		Magnetic Declination:	13.175°
Survey Name / Date:	PeeJay-1 Final / November 19, 2008	Total Field Strength:	61172.383 nT
Tort / AHD / DDI / ERD ratio:	9.665° / 18.74 m / 2.774 / 0.009	Magnetic Dip:	-70.867°
Grid Coordinate System:	GDA94/MGA94 Zone 55	Declination Date:	November 19, 2008
Location Lat/Long:	S 40 29 47.908, E 146 21 35.458	Magnetic Declination Model:	BGGM 2007
Location Grid N/E Y/X:	N 5516921.312 m, E 445754.686 m	North Reference:	Grid North
Grid Convergence Angle:	+0.41572614°	Total Corr Mag North -> Grid North:	+12.759°
Grid Scale Factor:	0.99963622	Local Coordinates Referenced To:	Well Head

Comments	Measured Depth (m)	Inclination (deg)	Azimuth (deg)	TVD (m)	Vertical Section (m)	NS (m)	EW (m)	DLS (deg/30 m)	Northing (m)	Easting (m)	Latitude	Longitude
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	46 21 35.458
See Floor	112.16	0.00	0.00	112.16	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	46 21 35.458
	264.95	1.45	150.86	264.93	-1.69	-1.69	0.94	0.28	5516919.62	445755.63	S 40 29 47.963	46 21 35.497
	294.47	1.15	140.54	294.45	-2.24	-2.24	1.31	0.39	5516919.07	445756.00	S 40 29 47.981	46 21 35.513
	323.97	1.06	150.84	323.94	-2.71	-2.71	1.63	0.22	5516918.60	445756.32	S 40 29 47.996	46 21 35.526
	413.38	0.46	197.79	413.34	-3.77	-3.77	1.93	0.27	5516917.54	445756.61	S 40 29 48.031	46 21 35.538
	502.18	0.23	197.76	502.14	-4.28	-4.28	1.76	0.08	5516917.03	445756.45	S 40 29 48.047	46 21 35.531
	591.80	0.37	226.93	591.76	-4.65	-4.65	1.50	0.07	5516916.66	445756.18	S 40 29 48.059	46 21 35.520
	679.52	0.12	321.43	679.48	-4.77	-4.77	1.23	0.14	5516916.54	445755.92	S 40 29 48.063	46 21 35.509
	768.28	0.20	271.31	768.24	-4.70	-4.70	1.02	0.05	5516916.62	445755.71	S 40 29 48.060	46 21 35.500
	803.99	0.21	236.85	803.95	-4.73	-4.73	0.90	0.10	5516916.58	445755.59	S 40 29 48.061	46 21 35.495
	842.85	0.43	127.38	842.81	-4.86	-4.86	0.96	0.42	5516916.45	445755.64	S 40 29 48.066	46 21 35.497
	930.97	0.44	102.94	930.93	-5.14	-5.14	1.55	0.06	5516916.18	445756.24	S 40 29 48.075	46 21 35.522
	1019.59	0.43	112.01	1019.54	-5.34	-5.34	2.19	0.02	5516915.98	445756.88	S 40 29 48.081	46 21 35.549
	1048.56	0.33	126.08	1048.51	-5.43	-5.43	2.36	0.14	5516915.89	445757.04	S 40 29 48.084	46 21 35.556
	1108.49	0.33	130.22	1108.44	-5.64	-5.64	2.63	0.01	5516915.67	445757.32	S 40 29 48.091	46 21 35.568
	1167.38	0.22	121.98	1167.33	-5.81	-5.81	2.86	0.06	5516915.50	445757.54	S 40 29 48.097	46 21 35.577
	1285.81	0.69	61.10	1285.76	-5.59	-5.59	3.67	0.16	5516915.73	445758.36	S 40 29 48.090	46 21 35.612
	1345.01	0.68	106.82	1344.95	-5.51	-5.51	4.32	0.27	5516915.80	445759.01	S 40 29 48.088	46 21 35.640
	1374.54	0.67	110.27	1374.48	-5.62	-5.62	4.65	0.04	5516915.69	445759.34	S 40 29 48.091	46 21 35.654
	1433.56	0.69	132.78	1433.50	-5.99	-5.99	5.24	0.14	5516915.33	445759.92	S 40 29 48.103	46 21 35.678
	1492.77	0.32	332.96	1492.71	-6.08	-6.08	5.42	0.50	5516915.23	445760.11	S 40 29 48.106	46 21 35.686
	1552.04	0.36	351.94	1551.98	-5.75	-5.75	5.32	0.06	5516915.57	445760.00	S 40 29 48.096	46 21 35.682
	1640.51	0.45	30.51	1640.44	-5.17	-5.17	5.46	0.10	5516916.14	445760.14	S 40 29 48.077	46 21 35.688
	1729.59	0.54	20.07	1729.52	-4.48	-4.48	5.78	0.04	5516916.83	445760.46	S 40 29 48.054	46 21 35.702
	1788.72	0.68	29.31	1788.65	-3.91	-3.91	6.05	0.09	5516917.40	445760.73	S 40 29 48.036	46 21 35.713
	1818.45	0.58	32.16	1818.38	-3.63	-3.63	6.21	0.11	5516917.68	445760.90	S 40 29 48.027	46 21 35.721
	1906.90	0.62	29.47	1906.82	-2.83	-2.83	6.69	0.02	5516918.48	445761.37	S 40 29 48.001	46 21 35.741
	1995.04	0.79	12.68	1994.95	-1.83	-1.83	7.06	0.09	5516919.49	445761.74	S 40 29 47.969	46 21 35.757
	2084.02	0.82	7.44	2083.92	-0.60	-0.60	7.27	0.03	5516920.72	445761.96	S 40 29 47.929	46 21 35.766
	2142.80	1.09	57.68	2142.70	0.12	0.12	7.80	0.43	5516921.43	445762.48	S 40 29 47.906	46 21 35.789
	2172.21	0.98	61.66	2172.10	0.39	0.39	8.26	0.13	5516921.70	445762.94	S 40 29 47.897	46 21 35.809
Projected to TD	2183.00	0.98	61.66	2182.89	0.48	0.48	8.42	0.00	5516921.79	445763.10	S 40 29 47.894	46 21 35.816

Survey Type: Definitive Survey

Survey Error Model: **SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma**

Surveying Prog:

MD From (m)	MD To (m)	EOU Freq	Survey Tool Type	Borehole -> Survey
0.00	112.16	Act-Stns	SLB_MWD-STD-Depth Only	PeeJay-1 -> PeeJay-1 Final
112.16	2183.00	Act-Stns	SLB_MWD-STD	PeeJay-1 -> PeeJay-1 Final

**Italicized stations are NOT used in position calculations.*

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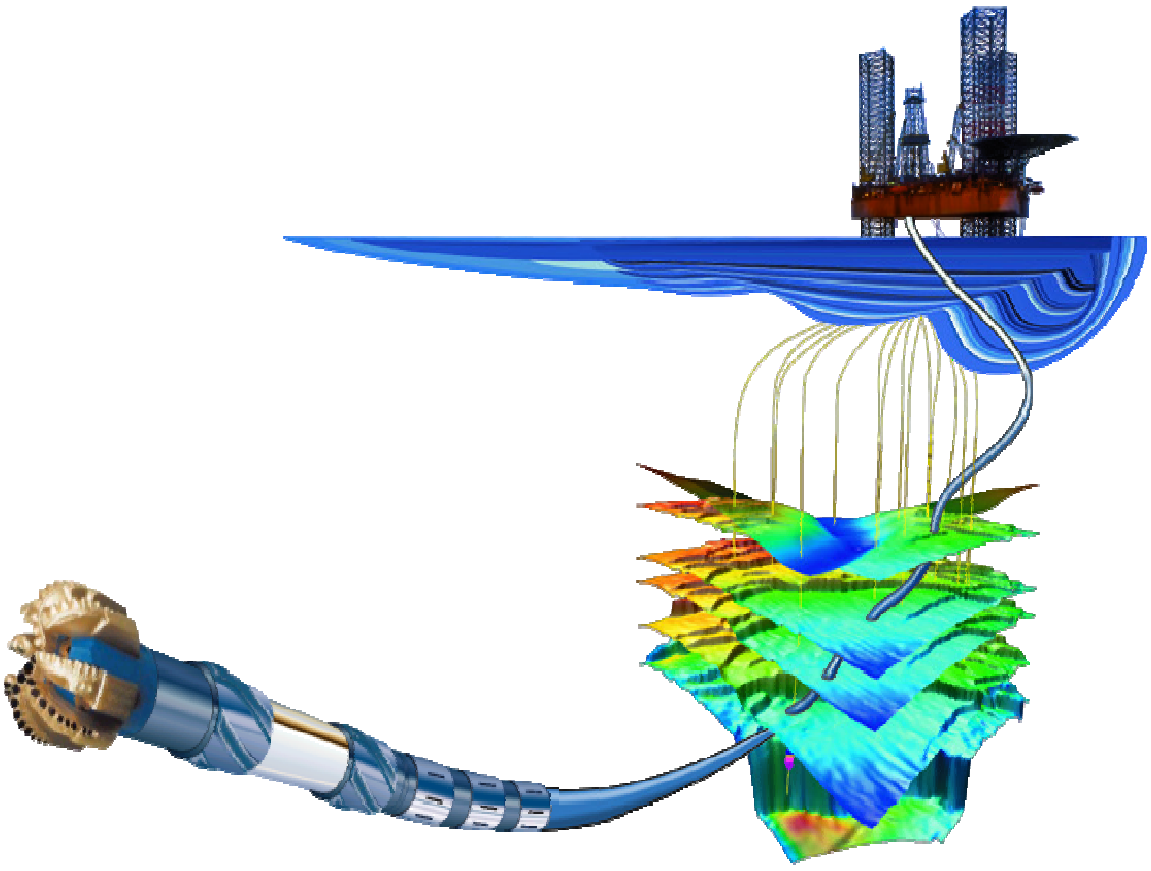
BEACH PETROLEUM

3. Drilling & MWD/LWD Run Summary



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End of Well Drilling Summary

15th November 2008 to 28th November 2008

PeeJay-1 Objectives:

PeeJay-1 will be drilled by the jack-up mobile offshore drilling unit (MODU) West Triton, which is operated by Seadrill Limited.

PeeJay-1 is a vertical exploration well with the objective of intersecting and exploring the Upper Eastern View group formations with sandstones, interbedded sandstones, shale and minor coal; and Middle Eastern View Group Formation which are made up of interbedded sandstone, claystone and siltstone with increasing coals. The primary and secondary targets tops are expected at 1366m BRT and 1764m BRT.

BHA # 2: Rotary Assembly
406.4mm – 16'' Hole Section (218m MD – 810m MD)

The following Rotary Assembly was made up and run in:-

16 " Hughes Milled Tooth Rock Bit
Bit Sub
9" Telescope* MWD
9" sonicVISION* LWD
15 ⅞" Stabiliser
9" DC
15 ⅞" Stabiliser
9" DC
Crossover
8" DC
8" Jars
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 1 – 1 – NO – A – E – I – NO – TD

MWD/LWD Summary

TeleScope was programmed with 12Hz/3bps telemetry configuration to provide RT GR, D&I; while the SonicVISION RT Delta-T compression were transmitted uphole as well as recorded in Memory mode. There was no Shallow Hole Test of the BHA performed before RIH. The BHA tagged cement at 210m from where drilling commenced ahead to 810m BRT section TD as per program. D&I Survey of the borehole was taken every 3 stands.

The sonicVISION configuration was donwlinked and changed to 1sec configuration before trip-out started. The BHA was POOH, Laid out and tools dumped successfully and data processed as required.

* Mark of Schlumberger

BHA # 3: Rotary Assembly
311.15mm – 12¼" Hole Section (810m MD – 1454m MD)

The following Rotary Assembly was made up and run in: -

12¼" Reed Hycalog PDC Bit
Bit Sub
8¼" arcVISION* LWD
8¼" TeleScope* MWD
8¼" sonicVISION* LWD
8¼" sadnVISION* LWD
4 x 8" DC
8" Jar
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 8 – 8 – RO – A – X – 2 – NR – PR

MWD/LWD Summary

Real-time telemetry configuration for this BHA consisting of D&M TeleScope*, sadnVISION*, sonicVISION* and arcVISION* was 12Hz/6pbs to evaluate formation in real-time in line with the run objective of finding the zones of interest at 1300m MDrt and 1600m MDrt. There were initial difficulties with radioactive source loading in the sadnVISION* tool which was changed out and problem was resolved. The assembly was run in hole to tools was run in hole to top cement at 774m MDrt. The cement was drilled out to shoe, through rat hole and then new formation at 810m MDrt.

There were high shocks and vibrations situation during the run; arcVISION8 tool experienced 7-8 hours of shock level 3. Mitigation steps were taken to minimize the severity by fine tuning the ROP and WOB. The shock persisted on the regardless the parameter variation.

At 1454m MD, a decision was made to POOH for a bit change due to low penetration rates. On surface some damage were observed on the threads of the connection between the sadnVISION and sonicVISION. Data were retrieved from the tools and field print log data were processed and delivered onsite.

* Mark of Schlumberger

BHA # 4: Rotary Assembly
311.15mm – 12¼" Hole Section (1454m MD – 2183m MD)

The following Rotary Assembly was made up and run in: -

12¼" Hughes Christianson Milltooth Bit
Bit Sub
8¼" GeoVISION* LWD
8¼" TeleScope* MWD
8¼" sonicVISION* LWD
8¼" sadnVISION* LWD
4 x 8" DC
8" Jar
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 4 – 6 – BT – A – E – I – CT – TD

MWD/LWD Summary

Due to the trip in the previous run the objective of this run was to intersect the secondary target at 1600m MDrt with the Rotary bottom hole assembly consisting of Schlumberger D&M PowerPulse*, geoVISION*, sadnVISION* and sonicVISION* tools. The assembly was RIH to bottom and drilled ahead to section TD at 2183m MDrt. In this run; the sadnVISION8 was run in recorded mode only due to a broken sub issues.

On Surface, damages were found on the sadnVISION stabilizers and on the sonicVISION transmitters. Notwithstanding, data were dumped from the tools successfully and processed. However, the button resistivties of the geoVISION tool failed and the curves/data were not presented.

* Mark of Schlumberger

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MWD/LWD Run Summary

Run	Hole Size (in)	MWD/LWD Services	Start Depth (m)	Stop Depth (m)	Distance (m)	Start Date	Stop Date
1	26″	None	112.0	218.0	106	15-Nov-08	16-Nov-08
2	16″	sonicVISION*	218.0	810.0	592.0	18-Nov-08	19-Nov-08
3	12¼″	VISION* Service - sonicVISION	810.0	1454.0	486.0	21-Nov-08	23-Nov-08
4	12¼″	GeoVISION* Service - sonicVISION	1454.0	2183.0	730.0	24-Nov-08	28-Nov-08

Run	Hours BRT	Drilling Hours	Circulating Hours	Max Temp (°C)	Trip for MWD	Failure type
2	32.72	22.00	21.25	18.00	No	n/a
3	51.50	15.50	27.70	40.00	No	AND 8 Source loading Failure
4	96.07	77.50	85.40	77.00	No	GVR Shallow and Deep button resistivity failure

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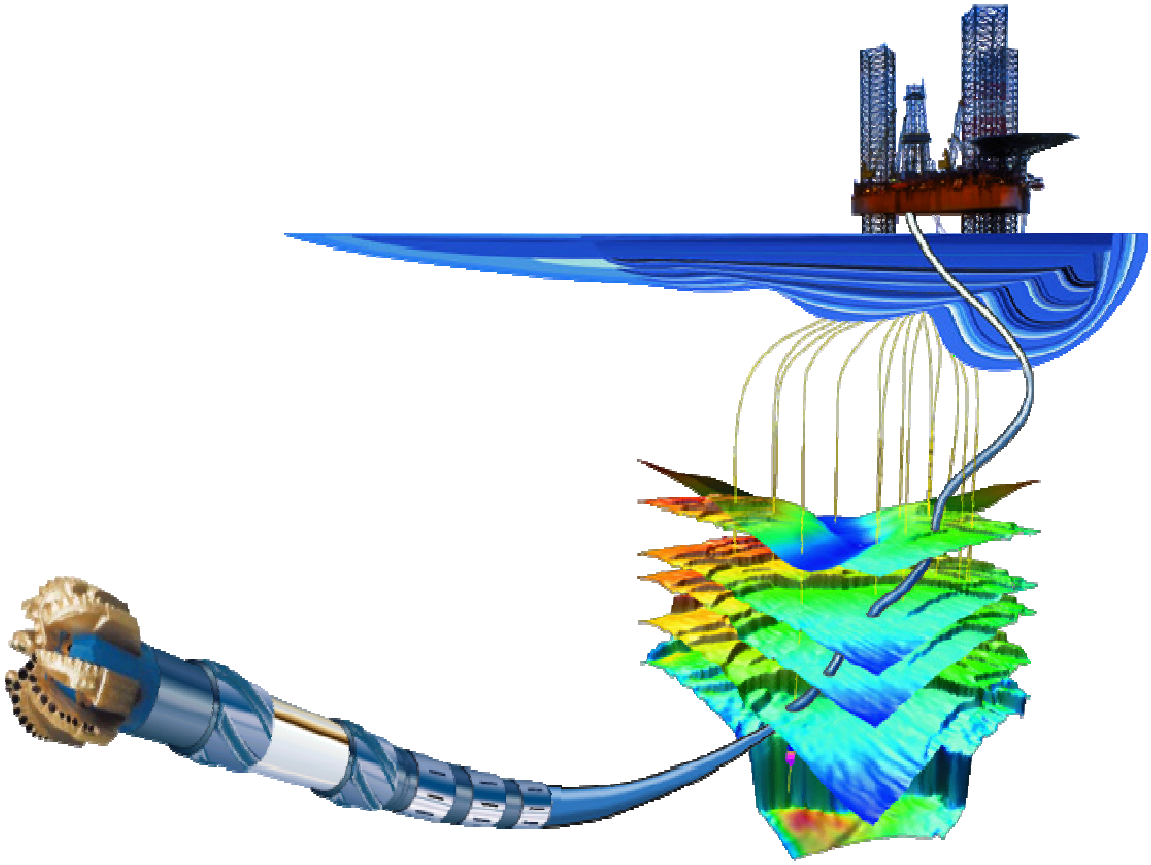
4. Equipment Run Reports



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Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Run Information

	Date In		Date Out
	18-Nov-2008 9:10AM		19-Nov-2008 5:53PM
Depth (MD):	184.0 m	to	810.0 m
Depth (TVD):	184.0 m	to	810.0 m
Inclination:	0.00 deg	to	0.21 deg
Azimuth:	0.00 deg	to	236.85 deg

Drilling Distance:	610.00 m	Drilling Hours:	22.00 hrs
Rotary Drilling Distance:	610.00 m	Rotary Drilling Hrs:	9.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	810.00 m	Reaming Hours:	3.50 hrs
		Hrs Below Rotary:	32.72 hrs
		Total Pumping Hrs:	21.25 hrs

Hole Size:	16.00 in	Min DLS:	0.10 deg/30 m
Last Casing Size:	30.000 in	Max DLS:	0.28 deg/30 m
Last Casing Depth:	184.0 m (MD)	Max DLS Depth:	413.4 m
Tool Face Arc:	.0 cm	Surface Screen:	No
Total Face Angle:	0.00 deg	DFS Used:	No

North Ref Used:	Grid North	Inline Filter:	No
Magnetic Dec:	13.220 deg		
Grid Correction:	0.420 deg		
Total Correction:	12.800 deg		
Est. Mag. Int:	0.00 deg		

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The run objectives for drilling 16in hole section are the following:
1. Drill 16" hole section by using Anadrill 9 inch tool and mill tooth bit until section TD ~890 mMD in single run.
2. To get the formation evluation by using MWD/LWD tool (GR and Sonic).

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite
Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	Stage Length:	m
Motor Type:		Bearing Play In:	in	Rubber:	
Motor Size:		Bearing Play Out:	in	Sleeve Position:	
Serial No.:		Bent Sub Angle:	deg	Sleeve Size:	in
Lobe Config:		Bent HSG Angle:	deg	Bearing Type:	

RSS Information

RSS Manufacturer:		Min Pulse Width:	
RSS Type:		Max Pulse Width:	
RSS SN:		Conn Phase Angle:	deg
RSS Size:		Rise Time Const:	
Pulse Ht Threshold:		Fall Time Const:	
		Digit Time:	

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	deg	Bit Rate:	3 bps	Slimpulse Pulser Config:	
Mod Gap:	0.12000 in	Turbine Config:	galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Schlumberger

Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Drilling Parameters

	Min	Max	Avg
BH Temperature:	18.00 degC	18.00 degC	18.00 degC
Surface RPM:	150.00 rpm	150.00 rpm	150.00 rpm
ROP:	23.29 m/hr	32.00 m/hr	27.73 m/hr
Surface Torque:			
Flow Rate:	1,200.00 galUS/min	1,200.00 galUS/min	1,200.00 galUS/min
WOB Sliding:			

Average Pump Pressure: psi

Turbine RPM @ Min Flow Rate: 4,101 rpm Min Flow Rate: 1,200.00galUS/min
Turbine RPM @ Max Flow Rate: 4,101 rpm Max Flow Rate: 1,200.00galUS/min

Total DH Shocks (k): 0 k
Max Shock Level: 0
Max Shock Duration: 0 sec
Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

H2S In Well: No

SPP Off Bottom: psi
SPP On Bottom: 2,013.00 psi

Mud Information

Mud Type: Sea Water
Mud Company: Baroid
Mud Brand:
Funnel Viscosity: 498.00 s/qt
Plastic Viscosity: 18.00 cp
Yield Point: 83.00 lbm/100ft2
Mud Resistivity: ohm-m

Mud Clean: No
LCM Type:
LCM Size:
LCM Concentration: lbs/bbl
Weighting Material:
Mud Weight: 8.80 lbm/galUS

pH: 9.50
Chlorides: ppm
Sand Content: %
Solids: %
Percent Oil: %

IADC Bit Grading

Manufacturer: Hughes Christianson
Model: GX-C1V
Type: Milltooth

Total Revs:
Stick/Slip:
Reason Pulled: Total Depth/Casing Depth

IADC Code: 115
Jets (/ 32 in): 3X20
Bit TFA: 0.92 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours: 19.25 hrs
Jamming: No 0.00 hrs
Surface Vibration: No
Trans Fail: No

Downhole Noise: Yes
Surface System Failure: No
Surface Noise: No
H2S in Well: No

Run Failed: No
D&M Trip: No
Low Oil Flag: No 0.00 hrs
Filter Screen/Plug Shear: No

Client Inconvenience: **No** Lost Time: hrs

Reason for POOH: Total Depth/Casing Depth

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

The TeleScope was programmed to 12Hz/3bps through LTB. SonicVISION was programmed with configuration the same with Stuart job and change the min-slowness and max-slowness is 80 - 160 US/F.

The BHA was successfully made and did not do the SHT. Tag the cement at 210 m and start pumping. All the tools working properly. Drill to TD 810 m. DL to Sonic to 1 sec record rate at TD.

POOH and break out the BHA. To break the sonic from the stabilizer, used the iron roughneck because could not break the sub with the rig tong.

Break out the BHA, dump the tool and processed the data and upload to interACT for further processing.

If not, why?:

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco; Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run Number:	1				

During the run, there is no significant shocks that happen to the tool.

Schlumberger

Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Equipment on the Run

Equipment	Pump Hours Start	Pump Hours Cumulative	Software Version	Tool Size
MDC-HC-W484	0.00 hrs	21.25 hrs	v6.6b04	9.00 in
SD9C-AA-42793	0.00 hrs	21.25 hrs	9.2C02	9.00 in

Services on the Run

Equipment	Service	Tool Name	Real Time Hours	Real Time Failed	Real Time Depth	Recorded Mode Hours	Recorded Mode Failed	Recorded Mode Depth	CAF
MWD	Gamma Ray	TeleScope	21.25 hrs		610.0 m	32.72 hrs		610.0 m	
MWD	Cont D&I	TeleScope	21.25 hrs		610.0 m	hrs			
MWD	D&I	TeleScope	21.25 hrs		610.0 m	32.72 hrs		610.0 m	
LWD	Shear DT	SonicVision	hrs			32.72 hrs		610.0 m	
LWD	Compressional DT	SonicVision	21.25 hrs		610.0 m	32.72 hrs		610.0 m	

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BHA Repo

20-Nov-2
9:0

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Le
1	BIT	Hughes Christianson	Milltooth	6065566	0.41 m	16.00	3.75						7 5/8"	API REG PIN	0.41
2	BIT SUB			7207	1.23 m	9.50	3.00				7 5/8"	API REG BOX	7 5/8"	API REG BOX	1.64
3	MWD	D&M	TeleScope	W484	8.45 m	9.13	3.50				7 5/8"	API REG PIN	7 5/8"	H90 BOX	10.09
4	LWD	D&M	SonicVISION	42793	7.69 m	9.25	4.00				7 5/8"	H90 PIN	7 5/8"	API REG BOX	17.78
5	STABILIZER			700736	1.71 m	9.50	3.25			15.88	7 5/8"	API REG PIN	7 5/8"	API REG BOX	19.49
6	DRILL COLLAR			it9	9.41 m	9.50	3.00				7 5/8"	API REG PIN	7 5/8"	API REG BOX	28.90
7	STABILIZER			221023	2.26 m	9.50	3.25			15.88	7 5/8"	API REG PIN	7 5/8"	API REG BOX	31.16
8	DRILL COLLAR			it9	9.40 m	9.50	3.00				7 5/8"	API REG PIN	7 5/8"	API REG BOX	40.56
9	CROSSOVER			7125	1.22 m	9.50	3.00				7 5/8"	API REG PIN	6 5/8"	API REG BOX	41.78
10	DRILL COLLAR			0	66.10 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	107.88
11	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	117.56
12	DRILL COLLAR			0	9.41 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	126.97
13	CROSSOVER			7132	0.93 m	8.25	2.81				6 5/8"	API REG PIN	5 1/2"		127.90
14	HWDP			0	56.21 m	5.50	3.25				5 1/2"		5 1/2"		184.11

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:

Wt Below Jars:
Wt Above Jars:
Total Air Wt:

Stab Description	Mid Pt to Bit	Blade Type	Blade Len	Blade Width	Gauge Len	Gauge In	Gauge Out

Bit to Read Out Port		
MWD-TeleScope	3.40	m
LWD-SonicVISION	14.20	m

Bit to Measurement Port	
TeleScope-Gamma Ray	5.05
TeleScope-D&I	5.70
SonicVISION-Shear DT	14.61
SonicVISION-Compressional	14.61

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Daily Drilling Activity Report

20-Nov-2008
9:01AM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco; Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	1				

From	To	Elapsed	Depth in m From	Depth in m To	IADC Activity	Description
18-Nov-2008						
00:00	00:30	0.50	0.0	0.0	Test BOP	Test Joint in BOP
00:30	05:30	5.00	0.0	0.0	PU / LD BHA / Tripping	Pick up 20 stands of Drill Pipe
05:30	06:00	0.50	0.0	0.0	Rig up / Rig down	Rig Down Elevators
06:00	07:30	1.50	0.0	0.0	PU / LD BHA / Tripping	LD 30" BHA
07:30	09:30	2.00	0.0	0.0	Repair rig	Rig Service
09:30	12:00	2.50	0.0	184.0	PU / LD BHA / Tripping	Pick up 16" BHA
12:00	13:00	1.00	184.0	184.0	Other	Sensor Calibration
13:00	14:30	1.50	184.0	184.0	PU / LD BHA / Tripping	Pickup 2 joints of DP. establish flow rates.
14:30	15:30	1.00	184.0	216.0	Drilling	Drill out shoe
15:30	00:00	8.50	216.0	414.0	Drilling	Drill new formation, surveys every 3 stands
19-Nov-2008						
00:00	12:30	12.50	414.0	810.0	Drilling	Drilling to TD 810m MD
12:30	13:00	0.50	810.0	810.0	Other	Downlink to SLB sonic
13:00	14:30	1.50	810.0	810.0	Circulate / Condition mud	pump high vis pill
14:30	18:00	3.50	810.0	0.0	Reaming / Hole opener / Unc	POOH
18:00	19:30	1.50	0.0	0.0	PU / LD BHA / Tripping	LD BHA
19:30	20:30	1.00	0.0	0.0	PU / LD BHA / Tripping	Cement assy
20:30	23:00	2.50	0.0	0.0	Other	Casing JSA
23:00	00:00	1.00	0.0	0.0	Other	Investigate w-ford problem

Schlumberger

Time Description Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Date/Time	Depth		Description
16-Nov-2008 11:00AM	0.0	m	Depassivated the batteries. 61938, OCV=21.78V, LCV=18.59V 61939, OCV=21.77V, LCV=18.51V 61940, OCV=21.77V, LCV=18.66V 61941, OCV=21.78V, LCV=18.51V
16-Nov-2008 8:30PM	0.0	m	Programmed primary and backup MWD. Both the tool are programmed through LTB to get the full wellsite test.
16-Nov-2008 10:10PM	0.0	m	Programmed primary and backup sonicVision*. The sonic tools are programmed for 10 s configuration for drilling and enable downlink for 1 s tripping out.
17-Nov-2008 10:00AM	0.0	m	Performed extender check for sonic tools. Sonic 9in is giving 120.3 kOhms of resistance. Sonic 8in is giving 120.5 kOhms
17-Nov-2008 10:30AM	0.0	m	Performed extender check for TeleScope. Extender resistance is 327 kOhms.
18-Nov-2008 4:20AM	0.0	m	Re-Initialized sonicVISION tool
18-Nov-2008 6:30AM	0.0	m	JSA for making up BHA
18-Nov-2008 7:30AM	0.0	m	Pick Up TeleScope
18-Nov-2008 8:42AM	0.0	m	Pick up Sonic
18-Nov-2008 8:50AM	0.0	m	Made up Sonic tool to TeleScope
18-Nov-2008 9:00AM	0.0	m	Made up thje BIT
18-Nov-2008 9:10AM	0.0	m	Bit below rotary (BRT)
18-Nov-2008 11:22AM	180.0	m	Drawworks calibration
18-Nov-2008 11:30AM	184.4	m	Hook Load sensor calibration
18-Nov-2008 11:54AM	184.1	m	Set bit depth as 184.11 m (same as BHA length)
18-Nov-2008 12:28PM	211.3	m	Start pumping to check the loses. No loses detected
18-Nov-2008 12:33PM	211.3	m	Stop pumping to install the flow measurement in the top of the casing
18-Nov-2008 1:47PM	211.3	m	Wash down to bottom
18-Nov-2008 3:13PM	229.0	m	Observed that C_PEAK dpoints sometimes giving 511
18-Nov-2008 3:40PM	229.0	m	BHI wits giving erronous reading
18-Nov-2008 4:57PM	253.7	m	Stoped Pumping
18-Nov-2008 5:48PM	264.0	m	BHI WITS is back ON again.
18-Nov-2008 6:13PM	271.0	m	Pump a survey, acquired bad survey. Recycled the pump again, still getting bad survey (H and Dip are out). Suspected casing interference.
18-Nov-2008 7:08PM	300.2	m	Pump a survey, acquired bad survey. Recycled the pump again, still getting bad survey (H and Dip are out). Suspected casing interference.
18-Nov-2008 8:25PM	329.0	m	Pump a Survey, DMAG correct survey. Good Survey
18-Nov-2008 9:30PM	363.0	m	Survey every 3 stands
18-Nov-2008 11:59PM	414.0	m	Midnight Depth
19-Nov-2008 12:00AM	414.0	m	Drilling Ahead with good signal, minimal shock/vib and stick slip. ROP avg 45m/hr
19-Nov-2008 2:00AM	509.0	m	Pumped survey. good survey 0.22 deg INC
19-Nov-2008 3:43AM	568.0	m	Drilling Ahead with good signal, minimal shock/vib and stick slip.
19-Nov-2008 6:16AM	654.0	m	Experience shocks while cleaning the hole (off bottom).
19-Nov-2008 9:49AM	761.0	m	Drill ahead, no shocks are seen on the screen. Take a survey every 3 stands as per plan.
19-Nov-2008 11:40AM	810.0	m	Called TD
19-Nov-2008 11:48AM	810.0	m	DL to Sonic
19-Nov-2008 12:00PM	809.0	m	Pumping gel to clean the hole
19-Nov-2008 1:30PM	809.0	m	Start POOH with elevator
19-Nov-2008 5:53PM	0.0	m	ART
19-Nov-2008 6:03PM	0.0	m	Break out the Bit

Date/Time	Depth		Description
19-Nov-2008 7:08PM	0.0	m	Lay Out Sonic
19-Nov-2008 7:20PM	0.0	m	Lay out TeleScope

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Drilling Parameters Repo

20-Nov-2
9:01:5

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

	19-Nov-2008 12:42 AM	18-Nov-2008 5:37 PM
Field Engineer	Dallas Perkins	Marganda Hasiholan
Depth	478.00 m	270.00 m
Avg ROP	22.14 m/hr	15.51 m/hr
On Bottom ROP	31.68 m/hr	48.94 m/hr
Flow Rate	1,200.00 galUS/min	1,200.00 galUS/min
Turbine RPM	4,101 rpm	4,101 rpm
Surface RPM	150 rpm	150 rpm
WOB Rotating	1.00 klbm	1.00 klbm
WOB Sliding		
DH WOB		
Surface Torque		
DH Torque		
Hookload	128 klbm	128 klbm
PickUp Weight		
Slack Weight		
Friction		
SPP On Bottom	2,032.00 psi	2,013.00 psi
SPP Off Bottom		
Diff Pressure		
BH Temperature		18.00 degC
Total Shocks (k)		
Max Shock Level		
Max Shock Duration		
Torsional Vib		
Lateral Vib		
Axial Vib		
CRPM		148 rpm
Stick/Slip		9
Formation	Limestone	Limestone
Signal Strength	77.00 psi	74.00 psi
Percent Signal Conf	94 %	97 %

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Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Run Information

	Date In			Date Out	
	21-Nov-2008 4:00PM			23-Nov-2008 7:30PM	
Depth (MD):	810.0	m	to	1454.0	m
Depth (TVD):	810.0	m	to	1454.0	m
Inclination:	0.21	deg	to	0.69	deg
Azimuth:	236.85	deg	to	132.78	deg

Drilling Distance:	486.00 m	Drilling Hours:	15.50 hrs
Rotary Drilling Distance:	486.00 m	Rotary Drilling Hrs:	15.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	29.00 m	Reaming Hours:	2.00 hrs
		Hrs Below Rotary:	51.50 hrs
		Total Pumping Hrs:	27.70 hrs

Hole Size:	12.25 in		
Last Casing Size:	13.625 in		
Last Casing Depth:	803.0 m (MD)		
Tool Face Arc:	.0 cm		
Total Face Angle:	0.00 deg		
North Ref Used:	Grid North	Min DLS:	0.02 deg/30 m
Magnetic Dec:	13.220 deg	Max DLS:	0.16 deg/30 m
Grid Correction:	0.420 deg	Max DLS Depth:	1,285.8 m
Total Correction:	12.800 deg	Surface Screen:	No
Est. Mag. Int:	0.00 deg	DFS Used:	No
		Inline Filter:	No

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The objectives for this run is to find the zone of interest (oil) at 1300m MD and 1600 m MD. The BHA quad combo of Schlumberger D&M is run to evaluate the formation.

The real time communication was configured 12Hz/6bps in TeleScope to evaluate the formation in real time.

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite

Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	RSS Manufacturer:	
Motor Type:		Bearing Play In:	in	RSS Type:	
Motor Size:		Bearing Play Out:	in	RSS SN:	
Serial No.:		Bent Sub Angle:	deg	RSS Size:	
Lobe Config:		Bent HSG Angle:	deg	Pulse Ht Threshold:	
Stage Length:	m			Min Pulse Width:	
Rubber:				Max Pulse Width:	
Sleeve Position:				Conn Phase Angle:	deg
Sleeve Size:	in			Rise Time Const:	
Bearing Type:				Fall Time Const:	
				Digit Time:	

RSS Information

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	0.00 deg	Bit Rate:	6 bps	Slimpulse Pulser Config:	
Mod Gap:	0.01200 in	Turbine Config:	600-1200 galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Drilling Parameters

	Min	Max	Avg		
BH Temperature:	40.00 degC	40.00 degC	40.00 degC	Total DH Shocks (k):	1 k
Surface RPM:	147.00 rpm	147.00 rpm	147.00 rpm	Max Shock Level:	3
				Max Shock Duration:	0 sec

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

ROP:	6.00 m/hr	32.20 m/hr	31.35 m/hr
Surface Torque:	0.29 kft.lbf	0.29 kft.lbf	0.29 kft.lbf
Flow Rate:	1,200.00 galUS/min	1,200.00 galUS/min	1,200.00 galUS/min
WOB Sliding:			

Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

Average Pump Pressure: psi

H2S In Well: No

Turbine RPM @ Min Flow Rate: 3,945 rpm Min Flow Rate: 1,200.00galUS/min SPP Off Bottom: psi
Turbine RPM @ Max Flow Rate: 3,945 rpm Max Flow Rate: 1,200.00galUS/min SPP On Bottom: 2,354.00 psi

Mud Information

Mud Type:	Water Base	Mud Clean:	Yes	pH:	9.50
Mud Company:	Baroid	LCM Type:		Chlorides:	35,000.00 ppm
Mud Brand:	KCl/Polymer	LCM Size:		Sand Content:	%
Funnel Viscosity:	65.00 s/qt	LCM Concentration:	lbs/bbl	Solids:	3.10 %
Plastic Viscosity:	19.00 cp	Weighting Material:	Barite	Percent Oil:	%
Yield Point:	32.00 lbm/100ft2	Mud Weight:	9.50 lbm/galUS		
Mud Resistivity:	0.13 ohm-m				

IADC Bit Grading

Manufacturer:	Hycalog	Total Revs:		IADC Code:	
Model:		Stick/Slip:		Jets (lUS/stroke):	
Type:	PDC	Reason Pulled:	Change Bottom Hole Assembly	Bit TFA:	0.00 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours:	30.93 hrs		Downhole Noise:	No	Run Failed:	Yes	
Jamming:	No	0.00 hrs	Surface System Failure:	No	D&M Trip:	No	
Surface Vibration:	No		Surface Noise:	No	Low Oil Flag:	No	0.00 hrs
Trans Fail:	No		H2S in Well:	No	Filter Screen/Plug Shear:	No	

Client Inconvenience: **Yes** Lost Time: 4.00hrs

Reason for POOH: Change Bottom Hole Assembly

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

BHA consists of Bit, ARC8, TeleScope, Sonic8 and SADN8 is run and successfully made and tested. During the run all the tools are performing well as expected.

The tool experienced high shocks and vibration. ARC8 experienced 7-8 hours of shock level 3.Fine tuning of RPM and WOB was done in order to mitigate these shocks and vibrations.
ARC continued to experience shocks even after fine-tuning.

Company man and all related personnel were informed of the situation and kept aware of its status.

@ 1454m MD due to insufficient ROP it was decided to POOH for a bit change.
After completing checks on LWD tools damage was found on the threads of the downhole ADN8 and uphole of the sonic.

Recorded mode data was then dumped showing clear and high density results.
The field print logs were delivered to the client.

If not, why?:

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Equipment on the Run

	Pump Hours			
Equipment	Start	Cumulative	Software Version	Tool Size
ARC8D-BB-1106	0.00 hrs	27.70 hrs	V9.3B	8.25 in
MDC-DE-VR52	0.00 hrs	27.70 hrs	9.2CO2	8.25 in
NDDC-CA-42730	0.00 hrs	27.70 hrs	V8.3A	8.25 in
NDDC-CA-42736	0.00 hrs	27.70 hrs	V8.3A	8.25 in
SD8D-CA-41229	0.00 hrs	27.70 hrs	V6.6b04	8.25 in

Services on the Run

			Real Time			Recorded Mode			
Equipment	Service	Tool Name	Hours	Failed	Depth	Hours	Failed	Depth	CAF
LWD	Resistivity	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	APWD	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Gamma Ray	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
MWD	Cont D&I	TeleScope	27.70 hrs		486.0 m	hrs			
MWD	D&I	TeleScope	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Shear DT	SonicVision	hrs			51.50 hrs		486.0 m	
LWD	Compressional DT	SonicVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Density Image	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Caliper	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Density	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Neutron	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	

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BHA Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Len
1	BIT	Hycalog	PDC	218663	0.35 m	12.25									0.35 m
2	BIT SUB			7221	1.22 m	8.25	3.00								1.57 m
3	LWD	D&M	arcVISION	1106	5.79 m	8.25	3.00				6 5/8"	API REG PIN	6 5/8"	API FH BOX	7.36 m
4	MWD	D&M	TeleScope	VR52	8.43 m	8.25	4.25				6 5/8"	API FH PIN	6 5/8"	API FH BOX	15.79 m
5	LWD	D&M	SonicVISION	41229	7.72 m	8.25	4.13				6 5/8"	API FH PIN	6 5/8"	API FH BOX	23.51 m
6	LWD	D&M	sadnVISION	42736	9.36 m	8.25	3.30			12.00		API FH PIN	6 5/8"	API REG BOX	32.87 m
7	DRILL COLLAR			IY8250	37.78 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	70.65 m
8	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	80.33 m
9	DRILL COLLAR			4T8	9.41 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	89.74 m
10	CROSSOVER			7132	0.93 m	5.50	2.81				6 5/8"	API REG PIN	5 1/2"		90.67 m
11	HWDP			seadrill	56.21 m	5.50	3.25				5 1/2"		5 1/2"		146.88 m

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:
Wt Below Jars:
Wt Above Jars:
Total Air Wt:

Stab Description	Mid Pt to Bit	Blade Type	Blade Len	Blade Width	Gauge Len	Gauge In	Gauge Out

Bit to Read Out Port		
LWD-arcVISION	5.20	m
MWD-TeleScope	9.10	m
LWD-SonicVISION	20.50	m
LWD-sadnVISION	27.60	m

Bit to Measurement Port		
arcVISION-Resistivity	4.07	m
arcVISION-APWD	3.36	m
arcVISION-Gamma Ray	4.12	m
TeleScope-D&I	11.48	m
SonicVISION-Shear DT	20.93	m
SonicVISION-Compressional	20.93	m
sadnVISION-Caliper	26.66	m
sadnVISION-Density	26.83	m
sadnVISION-Neutron	28.81	m

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Daily Drilling Activity Report

29-Nov-2008
2:57PM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco;Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	2				

From	To	Elapsed	Depth in m From	To	IADC Activity	Description
22-Nov-2008						
00:00	00:30	0.50	33.0	33.0	MWD/LWD service quality	SHT
00:30	04:30	4.00	33.0	781.0	PU / LD BHA / Tripping	P/up DP and RIH o 781m
04:30	06:30	2.00	781.0	810.0	Reaming / Hole opener / Unc	ream f/781 to 792 drill out shoe
06:30	07:00	0.50	810.0	813.0	Drilling	Drill new formation
07:00	09:00	2.00	813.0	813.0	Circulate / Condition mud	Codition Mud
09:00	00:00	15.00	813.0	1296.0	Drilling	Continue drill ahead 12.25" hole
23-Nov-2008						
00:00	14:00	14.00	1296.0	1454.0	Drilling	Drilling f/1296 - 1454 m
14:00	00:00	10.00	1454.0	0.0	PU / LD BHA / Tripping	POOH

Schlumberger

Time Description Repor

29-Nov-200
2:57PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Date/Time	Depth		Description
21-Nov-2008 3:30PM	0.0	m	Pickup Arc
21-Nov-2008 3:50PM	0.0	m	Pickup Telescope
21-Nov-2008 4:00PM	0.0	m	Bit Below Rotary Table
21-Nov-2008 4:15PM	0.0	m	Pickup Sonic
21-Nov-2008 4:40PM	0.0	m	Pickup Primary sADN
21-Nov-2008 5:28PM	33.0	m	SHT. Successful without source
21-Nov-2008 6:00PM	33.0	m	Problems Loading source into primary sADN
21-Nov-2008 7:00PM	33.0	m	FSM was contacted regarding source loading problem
21-Nov-2008 8:15PM	23.0	m	LayDown Primary sADN
21-Nov-2008 8:40PM	23.0	m	Pickup Backup sADN
21-Nov-2008 9:00PM	33.0	m	SHT with Backup sADN without Source
21-Nov-2008 9:30PM	33.0	m	Load the source to the back up ADN
21-Nov-2008 11:00PM	200.0	m	SHT with Source. All the status word is giving 0, good tool G. Continue to make up BHA
21-Nov-2008 11:30PM	210.0	m	Continue RIH
22-Nov-2008 4:15AM	774.0	m	Top of Cement
22-Nov-2008 4:22AM	795.0	m	Drilling out cement
22-Nov-2008 4:42AM	796.9	m	Set Bit Depth at stand 23 and Hole Depth at 800 m
22-Nov-2008 5:59AM	795.0	m	Rm=0.1214 Ohm.m @ 17.2 degC
22-Nov-2008 9:49AM	842.0	m	Acquired good survey
22-Nov-2008 1:22PM	930.0	m	Acquired good survey
22-Nov-2008 4:22PM	1061.0	m	Drilling ahead at 1061 m. No shock experience. Good survey acquired.
22-Nov-2008 6:46PM	1149.0	m	Drilling ahead, good signal. minimal shock-vibration/stick'n'slip. ROP average 37m/hr
22-Nov-2008 7:34PM	1178.0	m	Mud weight 9.6 in 9.5 out
22-Nov-2008 8:19PM	1200.0	m	drilling peramiters change due to mud losses. Observed Shock Level1 on MWD, Shock Level 3 on Sonic and ARC. reported increase of shk over this period.
22-Nov-2008 9:23PM	1238.0	m	Drill returned to normal. only minimal shock-vibration/stick'n'slip. ROP average 50m/hr
22-Nov-2008 11:59PM	1296.0	m	Midnight Depth
23-Nov-2008 1:30AM	1339.0	m	Observed Shock level 3 from ARC and Shock Level 1 from MWD. for 3 frames contacted rig floor, torque has increased suspect stringer
23-Nov-2008 1:50AM	1350.0	m	Observed Shock level 3 from ARC and Shock Level 1 from MWD & ADN. for 3 frames contacted rig floor, torque has increased suspect stringer
23-Nov-2008 3:44AM	1389.0	m	Drilling ahead. minimal shk-vib. zone of interest reduced ROP 25m/hr
23-Nov-2008 4:21AM	1405.0	m	Observed level shk from ARC. for 4 frames
23-Nov-2008 5:47AM	1422.0	m	Observed ARC & MWD shock level 3. contact drill floor. picked up off bottom.
23-Nov-2008 7:30AM	1452.0	m	Experience high shocks level for all tools. Pick up off bottom, coordinate with the driller to mitigate and informed the company man. Bit bouncing detected.
23-Nov-2008 8:53AM	1453.0	m	Experience high shocks still present. Try to mitigate by trying different RPM and WOB.
23-Nov-2008 9:30AM	1453.0	m	Continue driling with very slow ROP.
23-Nov-2008 1:00PM	1454.0	m	Decided to POOH
23-Nov-2008 5:45PM	33.0	m	Break out the ADN from the BHA. Unload the source.
23-Nov-2008 6:15PM	20.0	m	Break out the SONIC from ADN and founf the thread is broken for top of the sonic and downhole of ADN.
23-Nov-2008 7:30PM	14.0	m	Bit Above Rotary Table
23-Nov-2008 8:00PM	0.0	m	Break and lay down the TeleScope, ARC and Sonic

Schlumberger

Drilling Parameters Report

29-Nov-2008
2:57:37PM

Job Number: 08ASQ0031
Company Rep: Rocco;Peter
Run Number: 2

Company: BEACH PETROLEUM LTD
Location: MEA-APG-ASQ

Rig Name: West Triton
Well Name: PeeJay-1

	22-Nov-2008 4:41 PM
Field Engineer	Marganda Hasiholan
Depth	1,082.00 m
Avg ROP	20.25 m/hr
On Bottom ROP	57.86 m/hr
Flow Rate	1,200.00 galUS/min
Turbine RPM	3,945 rpm
Surface RPM	147 rpm
WOB Rotating	10.00 klbm
WOB Sliding	
DH WOB	
Surface Torque	.29 kft.lbf
DH Torque	
Hookload	158 klbm
PickUp Weight	
Slack Weight	
Friction	
SPP On Bottom	2,354.00 psi
SPP Off Bottom	
Diff Pressure	
BH Temperature	40.00 degC
Total Shocks (k)	1 k
Max Shock Level	3
Max Shock Duration	
Torsional Vib	
Lateral Vib	
Axial Vib	
CRPM	147 rpm
Stick/Slip	27
Formation	Limestone
Signal Strength	55.00 psi
Percent Signal Conf	83 %

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Run Information

	Date In		Date Out
	24-Nov-2008 1:46AM		28-Nov-2008 1:50AM
Depth (MD):	1454.0 m	to	2183.0 m
Depth (TVD):	1454.0 m	to	2183.0 m
Inclination:	0.69 deg	to	0.98 deg
Azimuth:	132.78 deg	to	61.66 deg

Drilling Distance:	730.00 m	Drilling Hours:	77.50 hrs
Rotary Drilling Distance:	730.00 m	Rotary Drilling Hrs:	77.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	0.00 m	Reaming Hours:	0.00 hrs
		Hrs Below Rotary:	96.07 hrs
		Total Pumping Hrs:	85.40 hrs

Hole Size:	12.25 in	Min DLS:	0.06 deg/30 m
		Max DLS:	0.51 deg/30 m
Last Casing Size:	9.625 in	Max DLS Depth:	1,492.0 m
Last Casing Depth:	810.0 m (MD)	Surface Screen:	No
Tool Face Arc:	.0 cm	DFS Used:	No
Total Face Angle:	0.00 deg	Inline Filter:	No

North Ref Used:	Grid North		
Magnetic Dec:	13.220 deg		
Grid Correction:	0.420 deg		
Total Correction:	12.800 deg		
Est. Mag. Int:	0.00 deg		

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The objective for this run is to find the secondary target of reservoir at `1600 m MD. The quad combo Schlumberger D&M's tool is run to evaluate the formation with contingency plan to run Schlumberger's wireline tool.

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite
Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	RSS Manufacturer:	
Motor Type:		Bearing Play In:	in	RSS Type:	
Motor Size:		Bearing Play Out:	in	RSS SN:	
Serial No.:		Bent Sub Angle:	deg	RSS Size:	
Lobe Config:		Bent HSG Angle:	deg	Pulse Ht Threshold:	
Stage Length:	m			Min Pulse Width:	
Rubber:				Max Pulse Width:	
Sleeve Position:				Conn Phase Angle:	deg
Sleeve Size:	in			Rise Time Const:	
Bearing Type:				Fall Time Const:	
				Digit Time:	

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	0.00 deg	Bit Rate:	6 bps	Slimpulse Pulser Config:	
Mod Gap:	0.01200 in	Turbine Config:	600-1200 galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Drilling Parameters

	Min	Max	Avg		
BH Temperature:	57.00 degC	77.00 degC	65.00 degC	Total DH Shocks (k):	3 k
Surface RPM:	135.00 rpm	150.00 rpm	145.25 rpm	Max Shock Level:	3
				Max Shock Duration:	0 sec

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

ROP:	6.92 m/hr	14.15 m/hr	9.42 m/hr
Surface Torque:	1.75 kft.lbf	8.39 kft.lbf	4.42 kft.lbf
Flow Rate:	700.00 galUS/min	1,200.00 galUS/min	1,050.00 galUS/min
WOB Sliding:			

Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

Average Pump Pressure: psi

H2S In Well: No

Turbine RPM @ Min Flow Rate: 3,476 rpm
Turbine RPM @ Max Flow Rate: 4,179 rpm
Min Flow Rate: 700.00galUS/min
Max Flow Rate: 1,200.00galUS/min
SPP Off Bottom: psi
SPP On Bottom: 2,240.00 psi

Mud Information

Mud Type:	Water Base	Mud Clean:	No	pH:	9.50
Mud Company:	Bariod	LCM Type:		Chlorides:	38,100.00 ppm
Mud Brand:	KCl/Polymer	LCM Size:		Sand Content:	0.80 %
Funnel Viscosity:	56.00 s/qt	LCM Concentration:	lbs/bbl	Solids:	4.90 %
Plastic Viscosity:	19.00 cp	Weighting Material:	Barite	Percent Oil:	%
Yield Point:	35.00 lbm/100ft2	Mud Weight:	9.50 lbm/galUS		
Mud Resistivity:	0.09 ohm-m				

IADC Bit Grading

Manufacturer:	Hughes Christianson	Total Revs:		IADC Code:	
Model:	MXL-C30HDX	Stick/Slip:		Jets (lUS/stroke):	
Type:	Milltooth	Reason Pulled:	Total Depth/Casing Depth	Bit TFA:	0.00 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours:	80.83 hrs		Downhole Noise:	No		Run Failed:	Yes	
Jamming:	No	0.00 hrs	Surface System Failure:	No		D&M Trip:	No	
Surface Vibration:	No		Surface Noise:	No		Low Oil Flag:	No	0.00 hrs
Trans Fail:	No		H2S in Well:	No		Filter Screen/Plug Shear:	No	

Client Inconvenience: **No** Lost Time: hrs

Reason for POOH: Total Depth/Casing Depth

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

The well was succesfully drilled to planned TD 2133m MD. The client decided to drill ahead to find the clean sand. The new TD was reached at 1600 hrs @ 2183 m MD.

The SADN8 was run in Recorded Mode only due to broken sub. Beside the failure of button resistivities, the client was happy with the Schlumberger D&M performance.

All the tool are laid down and succesfully dumped. Log was proccessed and given to the client for Field Print in the wellsite.

When laying out BHA, it was found that the stabilizer of SADN8, GVR8 and wear band in sonic8 are worn out.

If not, why?:

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Equipment on the Run

	Pump Hours			
Equipment	Start	Cumulative	Software Version	Tool Size
MDC-DE-VR52	27.70 hrs	113.10 hrs	9.2CO2	8.25 in
NDDC-CA-42730	27.70 hrs	113.10 hrs	V8.3A	8.25 in
RBDC-CA-025	0.00 hrs	85.40 hrs	V9.1b02	8.25 in
SD8D-CA-41229	0.00 hrs	85.40 hrs	V6.6b04	8.25 in

Services on the Run

			Real Time			Recorded Mode			
Equipment	Service	Tool Name	Hours	Failed	Depth	Hours	Failed	Depth	CAF
LWD	GeoVision	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Ring Resistivity	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Bit Resistivity	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Button Resistivity	GeoVision	23.00 hrs		226.0 m	30.50 hrs		226.0 m	
LWD	GammaRay	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
MWD	Cont D&I	TeleScope	85.40 hrs		730.0 m	hrs			
MWD	D&I	TeleScope	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Shear DT	SonicVision	hrs			96.07 hrs		730.0 m	
LWD	Compressional DT	SonicVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Density Image	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Caliper	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Density	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Neutron	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	

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BHA Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Len
1	BIT	Hughes Christianson	Milltooth	6069569	0.34 m	12.25									0.34 m
2	BIT SUB			7221	1.22 m	8.25	3.00								1.56 m
3	LWD	D&M	GeoVISION	025	4.20 m	8.25	3.00				6 5/8"	API REG PIN	6 5/8"	API FH BOX	5.76 m
4	MWD	D&M	TeleScope	VR52	8.43 m	8.25	4.25				6 5/8"	API FH PIN	6 5/8"	API FH BOX	14.19 m
5	LWD	D&M	SonicVISION	41229	8.52 m	8.25	4.13				6 5/8"	API FH PIN	6 5/8"	API FH BOX	22.71 m
6	LWD	D&M	sadnVISION	42730	9.34 m	8.25	3.30			12.00		API FH PIN	6 5/8"	API REG BOX	32.05 m
7	DRILL COLLAR			IY8250	66.14 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	98.19 m
8	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	107.87 m
9	DRILL COLLAR			4T8	9.41 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	117.28 m
10	CROSSOVER			7132	0.93 m	5.50	2.81				6 5/8"	API REG PIN	5 1/2"		118.21 m
11	HWDP			seadrill	56.21 m	5.50	3.25				5 1/2"		5 1/2"		174.42 m

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:

Wt Below Jars:
Wt Above Jars:
Total Air Wt:

	Mid Pt	Blade			Gauge		
Stab Description	to Bit	Type	Len	Width	Len	In	Out

Bit to Read Out Port		
LWD-GeoVISION	5.20	m
MWD-TeleScope	7.60	m
LWD-SonicVISION	18.40	m
LWD-sadnVISION	26.00	m

Bit to Measurement Port		
TeleScope-D&I	9.94	m
SonicVISION-Shear DT	18.83	m
SonicVISION-Compressional	18.83	m
sadnVISION-Caliper	25.04	m
sadnVISION-Density	25.21	m
sadnVISION-Neutron	27.04	m
GeoVISION-Ring Resistivity	3.07	m
GeoVISION-Bit Resistivity	1.11	m
GeoVISION-Button Resistivity	3.58	m
GeoVISION-GammaRay	2.81	m

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Daily Drilling Activity Report

29-Nov-2008
2:49PM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Sean De Freitas; Peter Dan	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	3				

From	To	Elapsed	Depth in m From	To	IADC Activity	Description
24-Nov-2008						
00:00	01:00	1.00	0.0	0.0	Other	Prep MWD/LWD tools
01:00	03:00	2.00	0.0	32.0	PU / LD BHA / Tripping	P/up BHA
03:00	04:00	1.00	32.0	32.0	Other	SHT and load source into sadn
04:00	07:30	3.50	174.0	804.0	PU / LD BHA / Tripping	RIH to 174m
07:30	08:30	1.00	804.0	1454.0	Circulate / Condition mud	circ@shoe and continue to RIH
08:30	15:00	6.50	1454.0	1499.0	Drilling	Contine Drilling 12.25in hole f/1454m to 1499m
15:00	15:30	0.50	1499.0	1499.0	Other	Losses over shakers. stop drilling
15:30	17:00	1.50	1499.0	1517.0	Drilling	Contine Drilling 12.25in hole f/1499m to 1517m
17:00	17:30	0.50	1517.0	1517.0	Other	Losses over shakers. stop drilling
17:30	00:00	6.50	1517.0	1609.0	Drilling	Contine Drilling 12.25in hole f/1517m to 1609m
25-Nov-2008						
00:00	09:30	9.50	1609.0	1680.0	Drilling	Drilling ahead f/1609 to 1680
09:30	10:00	0.50	1680.0	1680.0	Lubricate rig / Service	Lubricated rig equip
10:00	00:00	14.00	1680.0	1838.0	Drilling	Drilling ahead f/1609 to 1838
26-Nov-2008						
00:00	06:30	6.50	1838.0	1916.0	Drilling	Drilling ahead f/1838 to 1916
06:30	07:00	0.50	1916.0	1916.0	Lubricate rig / Service	Rig Service
07:00	00:00	17.00	1916.0	2058.0	Drilling	Drilling ahead f/1916 to 1916
27-Nov-2008						
00:00	16:00	16.00	2058.0	2183.0	Drilling	Drilling
16:00	00:00	8.00	2183.0	200.0	PU / LD BHA / Tripping	POOH

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Time Description Repor

29-Nov-200
2:50PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Date/Time	Depth		Description
24-Nov-2008 1:00AM	0.0	m	P/UP GVR
24-Nov-2008 1:30AM	0.0	m	P/UP TeleScope
24-Nov-2008 1:46AM	20.0	m	Bit Below Rotary
24-Nov-2008 2:00AM	0.0	m	P/UP Sonic
24-Nov-2008 2:30AM	0.0	m	P/UP sADN
24-Nov-2008 3:00AM	0.0	m	SHT @ 800gpm
24-Nov-2008 3:30AM	33.0	m	Load Source into sADN Tool
24-Nov-2008 4:00AM	33.0	m	RIH to Bottom
24-Nov-2008 8:14AM	1440.0	m	Tagged bottom.
24-Nov-2008 9:13AM	1440.0	m	Hole cleaning, observed minor peek shk.
24-Nov-2008 11:39AM	1474.0	m	Drilling through hard formations.
24-Nov-2008 1:45PM	1501.0	m	Shakers over flowing, stop drilling.
24-Nov-2008 2:45PM	1502.0	m	Go back on bottom.
24-Nov-2008 4:43PM	1534.0	m	Ajam seeing in the in the HSPM
24-Nov-2008 5:21PM	1534.0	m	MWD stat word is jaming.
24-Nov-2008 5:25PM	1537.0	m	A_Jam is still exist, informed the company man.
24-Nov-2008 7:21PM	1562.0	m	Drilling ahead good signal, minimal shocks ROP avg 5m/hr
24-Nov-2008 9:09PM	1579.0	m	Minimal shock peek observed.
24-Nov-2008 9:48PM	1591.0	m	Peek shock observed while coming off bottom at stand down.
24-Nov-2008 10:25PM	1596.0	m	Sonic shock level 2 and medium shk peek while tagging bottom after connection
24-Nov-2008 10:54PM	1606.0	m	Sonic shock level 2 and medium shk peek while picking up off bottom
24-Nov-2008 11:59PM	1609.0	m	Peek shk encountered while pickup off bottom and reaming the stand before connection. also level 2 sonic shk.
24-Nov-2008 11:59PM	1609.0	m	Spoke to rig floor regrading increased freq of peek shock.suspect stringer/coal
25-Nov-2008 12:27AM	1625.0	m	Sonic and peek shks becoming more frequent again also showing very high stick'n'slip, contacted rig floor regarding this drill string torquing up due to stringer. keeping a close eye on shk-vib while drilling though this sringer
25-Nov-2008 12:42AM	1629.0	m	Still getting losses over shakers and shk had increase. lowered to 90rpm shk are back to minimal and have broken through stringer
25-Nov-2008 12:56AM	1630.0	m	encountering another stringer. showing high stick slip and level 2 sonic shk and increased peek shks, contacted rig floor going to try changing drilling perameters
25-Nov-2008 2:31AM	1645.0	m	observed high peek shk and stick'n'slip, shk level 2 on sonic. shk-rsk level 1 for 5 frames
25-Nov-2008 2:43AM	1648.0	m	Contacted driller regarding high stick'n'slip. picked up off bottom
25-Nov-2008 2:51AM	1649.0	m	show high stickn'slip. contacted drill floor going to try different drilling perameters.
25-Nov-2008 3:49AM	1654.0	m	Show severe stick'n'slip, sonic shk level2 and mwd shk-rsk level1. contacted drill floor regarding problem. problem still at 90rpm going to change rpm to try and mitagte stick'n'slip and shk values.
25-Nov-2008 4:32AM	1663.0	m	Show severe stick'n'slip, sonic shk level2 and mwd shk-rsk level1. contacted drill floor regarding problem. trying to mitigate problem. also spoke to GEO about problem.
25-Nov-2008 4:51AM	1665.0	m	Observed a large drop in stick'n'slip, still showing level1&2 shk from sonic and medium level peek shk.
25-Nov-2008 5:15AM	1667.0	m	Drilling ahead good signal, minimal stick'n'slip and shocks.
25-Nov-2008 8:06AM	1680.0	m	The shallow button resistivity of GVR showing erratic reading. The res reading is not coressponding to other res reading. Suspected the shallow buttons res sensor failed.
25-Nov-2008 10:00AM	1696.0	m	Discussed with OSC about the res reading.
25-Nov-2008 11:32AM	1711.0	m	Drilling through hard formation. Bit bouncing
25-Nov-2008 2:13PM	1724.0	m	Shock risk level 1 and sonic shock level 1. Pick up off bottom.
25-Nov-2008 3:16PM	1733.0	m	ROP is picked up to be 40 m/hr.
25-Nov-2008 3:35PM	2183.0	m	TD called
25-Nov-2008 4:30PM	2183.0	m	DL to Sonic and DL is succesfull
25-Nov-2008 6:47PM	1945.0	m	Tripping Out of hole
26-Nov-2008 12:39AM	1860.0	m	Drilling ahead with good signal. and very minimal stick'n'slip and shocks. ROP 26m/hr
26-Nov-2008 6:19AM	1919.0	m	Drilling ahead very minimal shocks and stick'n'slip.
26-Nov-2008 12:35PM	1972.0	m	HSPM showing the tool sends survey frame and utility frame (recycled). Spectogram showing there is a certain time that signal lost.

Date/Time	Depth		Description
26-Nov-2008 1:28PM	1977.1	m	The MWD stat showing 36 and 32.
26-Nov-2008 3:26PM	1996.0	m	Drilling with slow ROP, signal good and tool is responding very well.
26-Nov-2008 9:18PM	2048.0	m	Drilling with slow ROP, signal good. very minimal shocks
26-Nov-2008 9:30PM	2050.0	m	Observed low shock peek.
26-Nov-2008 10:30PM	2056.0	m	loss of signal. for about 4mins
26-Nov-2008 10:34PM	2057.0	m	Drilling Ahead with good signal.
27-Nov-2008 12:38AM	2066.0	m	Drilling with slow ROP, signal good and tool is responding very well.
27-Nov-2008 1:33AM	2072.0	m	Showing frequent peek shks under 50g
27-Nov-2008 2:30AM	2077.0	m	Observed decrease in SPP contact rig floor and mud loggers. suspect due to mud mixing.
27-Nov-2008 3:07AM	2079.0	m	Observed slight increase in peek shk. still 50g and below. for around ten mins.
27-Nov-2008 4:46AM	2183.0	m	DL to Sonic to 1s record rate.
27-Nov-2008 6:12AM	2094.0	m	Drilling ahead. good signal, avg ROP 5m/hr
27-Nov-2008 7:06AM	2100.0	m	Drilling ahead with slow ROP, WOB is about 35 k. Good signal, sometimes the bit is bouncing.
27-Nov-2008 7:38AM	2104.0	m	Pump 3 offline
27-Nov-2008 7:51AM	2104.0	m	Pump 3 back online
27-Nov-2008 7:55AM	2104.0	m	IDEAL crahed. Restart the system and restore DLIS.
27-Nov-2008 9:26AM	2126.0	m	MWDstat showing 4. It means mag ustable with LTB power.
27-Nov-2008 4:20PM	2183.0	m	Called TD
27-Nov-2008 4:46PM	2135.0	m	Keep drilling until find clean sandstone.
27-Nov-2008 5:20PM	2183.0	m	POOH
28-Nov-2008 1:00AM	30.0	m	Unloading the source from SADN8
28-Nov-2008 1:30AM	28.0	m	Break down SADN8
28-Nov-2008 1:50AM	0.0	m	Bit above rotary table
28-Nov-2008 2:30AM	0.0	m	Lay out Sonic
28-Nov-2008 2:50AM	0.0	m	Lay out TeleScope
28-Nov-2008 2:55AM	0.0	m	Lay out GVR

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Drilling Parameters Report

29-Nov-2008
2:50:30PM

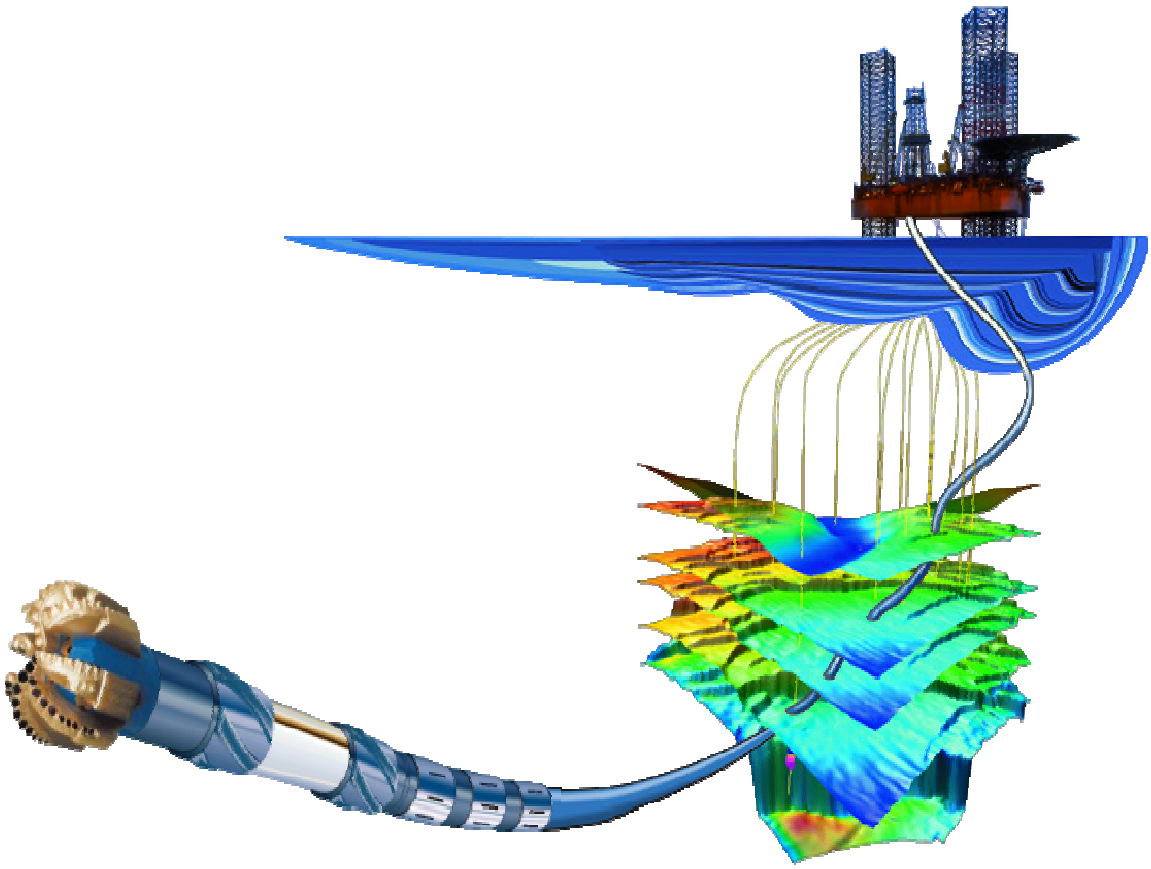
Job Number: 08ASQ0031
Company: BEACH PETROLEUM LTD
Rig Name: West Triton
Company Rep: Sean De Freitas; Peter Dane
Location: MEA-APG-ASQ
Well Name: PeeJay-1
Run Number: 3

	27-Nov-2008 10:47 AM	26-Nov-2008 6:59 AM	25-Nov-2008 7:01 AM	24-Nov-2008 6:13 PM
Field Engineer	Marganda Hasiholan	Marganda Hasiholan	Marganda Hasiholan	Marganda Hasiholan
Depth	2,144.00 m	1,921.00 m	1,680.00 m	1,554.00 m
Avg ROP	5.21 m/hr	9.17 m/hr	9.54 m/hr	6.97 m/hr
On Bottom ROP	7.81 m/hr	10.63 m/hr	12.05 m/hr	15.50 m/hr
Flow Rate	1,200.00 galUS/min	1,200.00 galUS/min	1,100.00 galUS/min	700.00 galUS/min
Turbine RPM	4,179 rpm	4,179 rpm	3,945 rpm	3,476 rpm
Surface RPM	146 rpm	150 rpm	150 rpm	135 rpm
WOB Rotating	38.00 klbm	23.00 klbm	17.00 klbm	14.00 klbm
WOB Sliding				
DH WOB				
Surface Torque	8.39 kft.lbf	3.78 kft.lbf	3.75 kft.lbf	1.75 kft.lbf
DH Torque				
Hookload	241 klbm	202 klbm	180 klbm	178 klbm
PickUp Weight				
Slack Weight				
Friction				
SPP On Bottom	3,300.00 psi	3,052.00 psi	2,759.00 psi	2,240.00 psi
SPP Off Bottom				
Diff Pressure				
BH Temperature	77.00 degC	66.00 degC	60.00 degC	57.00 degC
Total Shocks (k)	1 k	1 k	1 k	
Max Shock Level		3	3	
Max Shock Duration				
Torsional Vib				
Lateral Vib				
Axial Vib				
CRPM	146 rpm	150 rpm	150 rpm	134 rpm
Stick/Slip	12	6	12	12
Formation	Dolomite	Sandstone	Sandstone	Sandstone
Signal Strength	41.00 psi	44.00 psi	32.00 psi	19.00 psi
Percent Signal Conf	78 %	75 %	80 %	65 %

Schlumberger

BEACH PETROLEUM

5. Service Quality Issues



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Failure Repor

29-Nov-200
2:57P

Job Number: 08ASQ0031
Company Rep: Rocco;Peter
Run Number: 2

Company: BEACH PETROLEUM LTD
Location: MEA-APG-ASQ

Rig Name: West Triton
Well Name: PeeJay-1

Failure Number: 1

Fail Date: 21-Nov-2008
Severity: Near
CAF: YES
Lost Rig Time: 4.00 **hrs**

Pump Hour @ Fail: 0.00 **hrs**
Drill Hours @ Fail: 0.00 **hrs**
Hours BRT @ Fail: 0.00 **hrs**
Depth @ Fail: 0.0 **m**

Failed Services:

Failed Equipment:

NDDC-CA - 42730

Failure Description and Symptoms

Completed By: Marganda Hasiholan Sihite

Date: 22-Nov-2008

After completing the first successful shallow hole test(sourcless), an attempt was made to load the radioactive source into the ADN8.
This was found to be a difficult procedure as the source cavity cap would not easily be removed, after removal of the source cavity cap an unknown material was found on top of the cavity cap.
the nuclear source was then inserted into the tool and latching the beryllium copper head to the source pocket could not be done.

Remedial Action Attempted on Location

Completed By: Marganda Hasiholan Sihite

Date: 22-Nov-2008

Different methods and repeated attempts were done unsuccessfully.
Issue was then discussed with the company man and the decision was then made to test source loading of the backup tool.
This was found to be successful and the decision was made to run the backup tool downhole. (SN:42736)

Schlumberger

BEACH PETROLEUM

UNABLE TO LOAD THE RADIOACTIVE SOURCE TO SADN8

Description

At 21st November 2008 @ 13:30, the BHA for 12.25 sections is started to make up. The entire tool was re-initialized and ready to pick up. At 17:00, the BHA was successfully made up and ready for 1st SHT (without loading the nuclear source). Tool was pumped with 800 gpm, good signal and good result. 1st SHT was done at 17:28 pm. Prior to do SHT, the IDEAL computer was crashed and could not restart. The other computer has to be set up to be ready for SHT.

The D&M's crew was ready for loading the radioactive source to SAN8 tool. The radioactive source was brought to the rig floor. Work permit and announcement was made for loading the radioactive source.

The problem was begun when the D&M crew wanted to remove the source cavity cap from the tool. It took about 20 minutes to be able to get the source cavity cap out from the tool. The problem was could not find the thread to latch the source handling tool to. When the source cavity cap came out from the tool it was found something like rags come out on the top of the source cavity cap. That's why it was hard to latch to the cap. Checked with the driller and said that was not from the mud pit.

The funnel was inserted and transfer shield was put to the top of the tool. When wanted to load the source, could not find the thread to latch to the head of the Source. Attempted to remove the funnel and load the source again, still did not find the thread to land the source properly. It was 19:00, the Field Service Manager was contacted and suggested something to try. The D&M crew in rig site try and still did not work.

The company man came to the rig floor and discussed about this problem. This problem happened also before in the previous well but for unloading the radioactive source. The company man suggested picking up back up SADN8. The D&M crews agreed and have to test to put the source first to the tool in the rig floor just to be sure it works. The test was successfully done and it worked perfect for the back up tool (SN: 42736). The back up tool was re-initialized, put the sub on and extender and ready to pick up. While re-initializing the back up tool, the primary tool (SN: 43270) was laid down in the cantilever.

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Pick up back up tool, performed another SHT at 22:00 to confirm the RT communication. SHT was good, good communication between all the tools. Load the source with the funnel and RIH.

Summary

1. Non productive time to the client +/- 4 hrs.
2. D&M Schlumberger crew in the rig site had tried everything to load the source to the primary tool (SN: 43730) but still unable to put the source properly in the tool.
3. Pick up the back up tool (SN: 43736) and the source was loaded successfully.

Schlumberger D&M Rig Site Crew

1. Marganda Hasiholan Sihite
2. Dallas Perkins
3. Wissam Chehabi

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Failure Repor

29-Nov-200
2:50PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Failure Number: 1

Fail Date: 25-Nov-2008 **Pump Hour @ Fail:** 23.00 **hrs**
Severity: Near **Drill Hours @ Fail:** 23.00 **hrs**
CAF: NO **Hours BRT @ Fail:** 30.50 **hrs**
Lost Rig Time: **hrs** **Depth @ Fail:** 1680.0 **m**

Failed Services:

GeoVision (Button Resistivity)

Failed Equipment:

RBDC-CA - 025

Failure Description and Symptoms

Completed By: Marganda Hasiholan Sihite

Date: 26-Nov-2008

The BHA was succesfully made consist of GVR8, TeleScope8, sonic8 and SADN8. Prior RIH the tool was SHT'ed and all the realtime communication was good and all the tools response are make sense. RIH and tag bottom at 1440 m.

At 24-Nov-2008 @ 2200 hrs, the hard formation drilled and giving a lot of shocks & vibration (stick and slip) to to the tool. The intermitten high shocks and vibrations were seen in the screen for 5 hours.

The hard formation was succesfully drilled at 0500 hrs @ 25-Nov-2008.

The shallow, deep button resistivities, ring and bit were transmitting in real time. At 25-Nov-2008 at 0800 hrs, the shallow button resistivity reading was not correlating to the other resistivity reading and next an hour the deep button also giving the same response. Both the shallow and deep button resistiviy failed at 0800 hrs and 0900 hrs.

Remedial Action Attempted on Location

Completed By: Marganda Hasiholan Sihite

Date: 26-Nov-2008

In terms of mitigating shocks and vibrations, the different methods were tried such as rotating in different RPM and WOB. Sometimes pick up off bottom to realease the torque. The fine tuning of drilling parameter kept trying to mitigate the shocks and vibrations and keep in touch with the driller.

In terms of shallow and deep button resistivites failure, the FSM was informed, discussed with OSC and informed the geologist and company man. It was decided to drill ahead with ring and bit resistivites on hand.

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Southgate, Melbourne Vic.3006.

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NCR 1 - GVR Button Resistivity Failures

Client:	Beach Petroleum Ltd	**Run No.:**	BHA#2, Run #3
Rig:	West Triton	**Severity**:	
Location:	T/39P TAS	**QUEST Number:**	
Well:	PeeJay-1	**Schlumberger Lost:**	
Author(s):	Marganda Hasiholan Sihite	**Incident Date:**	25-Nov-2008
Job No.:	08ASQ0031	**Report Date:**	25-Nov-2008

Description	**GVR8 Failure Collar S/N: CA-025**

Objective:

RIH the BHA consisting of GVR8, TeleScope8, Sonic8 and SADN8 with milltooth bit. Mud was KCl/Polymer, acceptable mud weight is about 8.8 – 9.5ppg. The run is intended to find the reservoir as per correlation with existing well by using GR-RES-DEN-NEU-SON and to evaluate the reservoir (predicted base at 1600mMD).

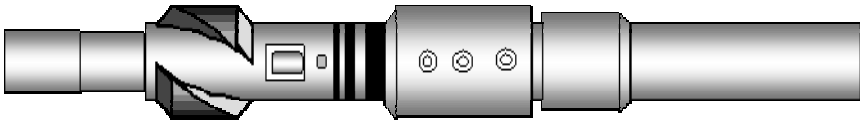

Figure 1 – GVR

The run started at 1454m MD until well TD at 2134m MD. The GVR Shallow Button, Deep Button, Ring and Bit Resistivities are transmitting in real time. At 1680mMD, the shallow button resistivity reading became is really erratic and it seems not correlating with the other resistivities reading. Few more meters to go, the deep button resistivity reading showing the same result. Both shallow button and deep button resistivities have failed.

Brief Description of Event:

BHA #3 was RIH and re-commenced drilling from 1454 m MD. Prior to RIH, the tools were SHT'ed good on the surface. During drilling, good signal and good real-time Data communication between

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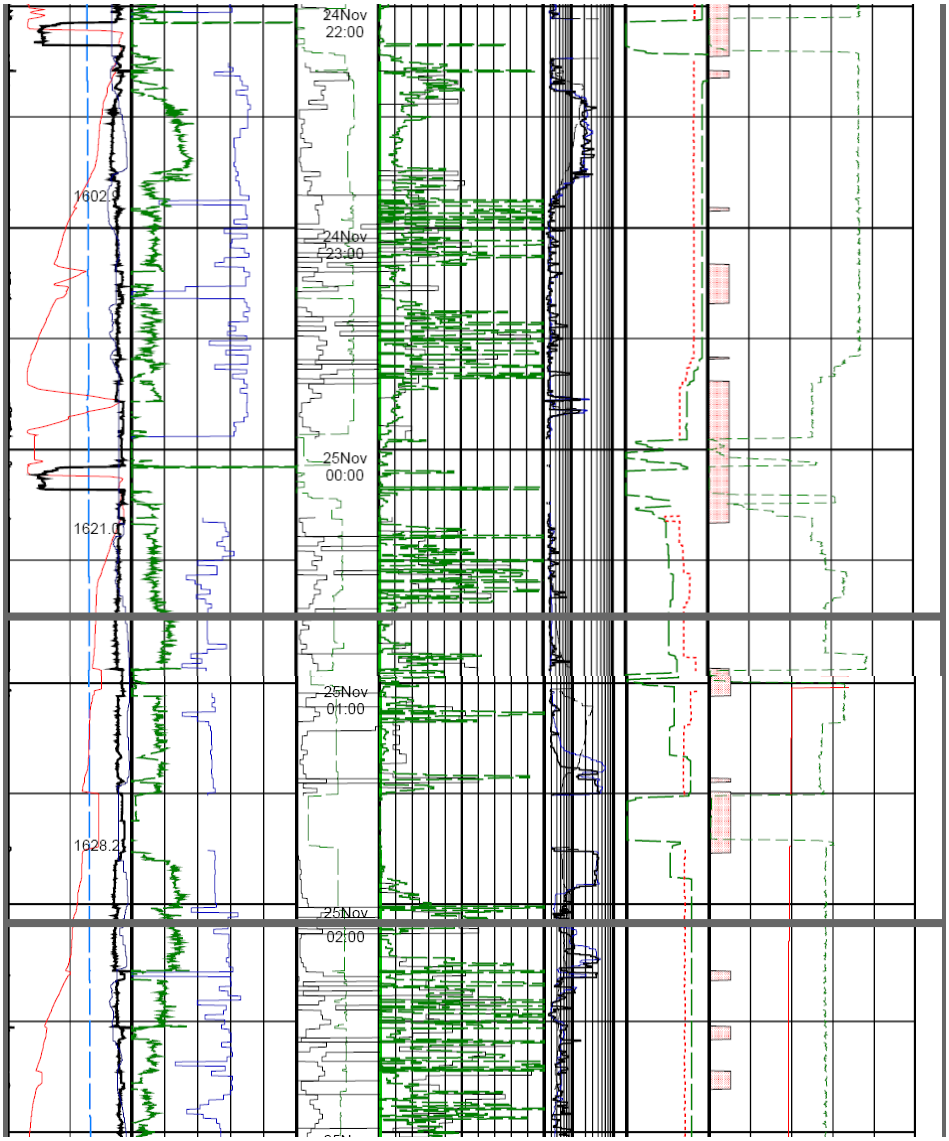
TeleScope and GVR was acquired. There were no shocks and vibrations, resistivities reading were correlating one to each other.

At 24-Nov-2008 start at 2200 hrs local time, there was an episode of high shocks on the BHA as shown in the drilling mechanics log below which lasted for duration of about 5 hours. All measures taken to mitigate the severity of were unsuccessful.



After this incident, at 25-Nov-2008 at 0800 hours, the button resistivites reading are wrong (shallow button and deep button). The geologist and company man were informed as well as FSM in town. The decision to drill ahead was made by using ring and bit resistivities.

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Event Analysis/Diagnosis

Shop Analysis:

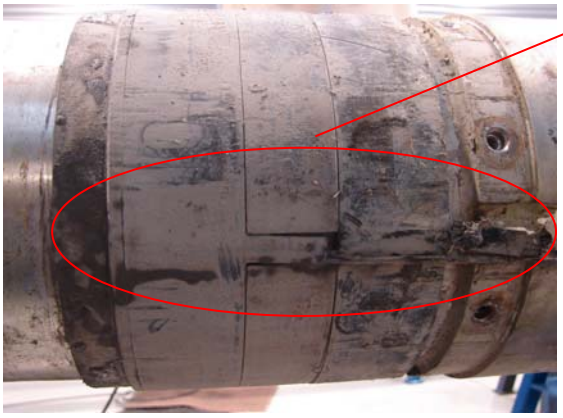
At the Shop the tool's button sleeve had been worn badly with the OD under-gauge and three sensors - Shallow, medium and deep sensors were peeled off and not re-usable.

On further inspection of the tool, the seal of the RBDC and RBBS got damaged beyond the 25% limit for repairs. The available room on both RBDC and RBBS for repair was less 0.25" (or 1/8" for each). The RBBS cannot be re-used if the seal damage is repaired due to the length will be shorter and would not match with collar so a new RBBS replacement is required.
Damage to the Lower Sensor during extreme drilling caused the sensor to be removed from its shield. Middle sensor got damage on the insulator ring; thus it failed on insulation test.

Damage seal on RBDC as well as RBBS.

Sleeve washes out

Lower Sensor Damage



This part supposed to be on its shield

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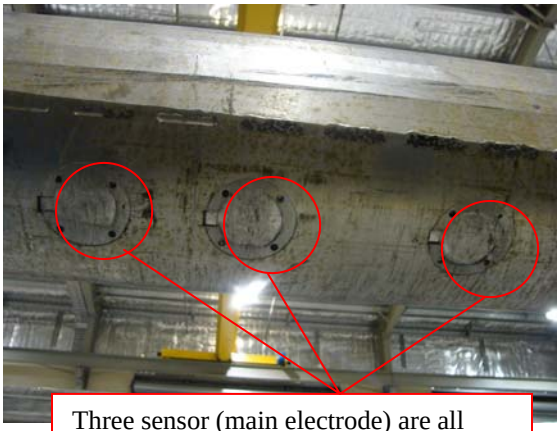
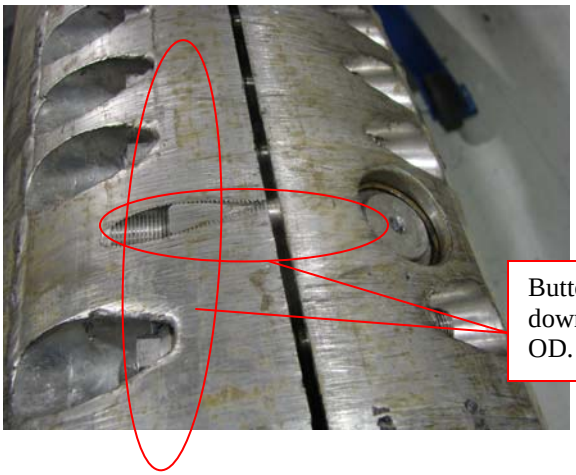
Button Sleeve Damage



Three sensor (main electrode) are all gone i.e. see missing black rings, as seen on good sensors on the right.



Button Sleeve worn right down to the bolts on the OD.

Middle Sensor Damage

Damage Insulator.
Right Picture shows good insulators ie.the black bands

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Attachment 8

Activity Summary Reports

DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Well History

Well: PeeJay-1

#	Date	Depth	24 Hour Summary
1	13 Oct 2008		Rig under tow to PeeJay-1.
2	14 Oct 2008		Rig under tow to PeeJay-1. Positined rig and soft pinned legs. Note: On location at 24:00 hrs 14th October 2008.
3	15 Oct 2008		Continued with pre loading operations.
4	16 Oct 2008		Continued with pre loading operations. Rapid penetration of starboard leg with 100% pre load from 2m draft to 5m draft. Observed cross brace intersections sheared in two places on leg 15 ft from main deck. Assess damage and formulate a plan on the recovery of rig from punch through situation.
5	17 Oct 2008		Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
6	18 Oct 2008		Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
7	19 Oct 2008		Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
8	20 Oct 2008		Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage. Seadrill Management team arrived onboard at 16:30hrs. Seadrill Management team conducted initial inspection of damage to starboard leg braces. Commenced jacking up all legs.
9	21 Oct 2008		Completed jacking and jetting operations. Rig under tow to Bazzard-1 at 16:00 hrs 21/10/08.
10	22 Oct 2008		Rig under tow to Bazzard-1
11	23 Oct 2008		Moved rig from PeeJay-1 to Bazzard-1. Soft pinned rig on Bazzard-1 location. Jacked and preloaded rig. Held and dumped preload. Jacked up rig to opeartional air gap. Commenced backl loading Pacific Battler.
12	24 Oct 2008		Back loaded Pacific Battler. Continued with preparations for Stbd leg repair. Removed scaffolding from Aft shaker area. Fabricated base for air winch, required to assist with aft leg repair. Offloaded scaffolding equipment from MV Calypso Star.
13	25 Oct 2008		1) Continued with preparations for leg repair. 2) Lowered Bow deepwell into sea and re-instated same. 3) Prepared hel-deck safety net for installing in Stbd leg well. 4) Installed safety net in Stbd leg well. 5) Scaffolders commenced installing scaffolding platform on Stbd leg. 6) Re-positioned air winch on Aft/Stbd main deck to assist with Stbd leg repairs. 7) Offloaded scaffolding equipment from Pacific Valkyrie.
14	26 Oct 2008		1) Offloaded and positioned generators and power boards on cantilever from Pacific Valkyrie. 2) Offloaded replacement leg braces from Pacific Valkyrie. 3) Preparations for ongoing rig repair. 4) Scaffolders continued installing platform on Stbd leg. 5) Seadrill crew assisted with scaffolding on Stbd leg. 6) Welded and MPI air tugger base on main deck at Stbd leg. 7) Rigged tugger line through snatch block on Stbd leg. 8) PPL rigging up and checking cutting equipment. 9) PPL Fitters and Welders arrived onboard.
15	27 Oct 2008		1) Backloaded heli fuel tank onto Pacific Valkyrie. 2) Checked status of all lifting slings. 3) Scaffolders continued to erect scaffolding on Stbd leg. 4) Progress to date; Platform = 70%, Towers = 45%, Cantilevers = 0% (Drl Sup own assessment) 5) Stopped operations from 15:00 hrs to 17:00 hrs, due to heavy rain and high winds. 6) Resumed operations from 17:00 hrs to 17:30 hrs. 7) Suspended operations again at 17:30 hrs due to high winds 40 to 45 knots. 8) Winds at 24:00 hrs blowing at 44 knots, with gusts up to 50 knots.
16	28 Oct 2008		Scaffolders erected 4 cantilever platforms on Stbd leg scaffolding tower, extended base platform and commenced building aft tower.
17	29 Oct 2008		Continued scaffolding aft starboard leg section. Cut first upper diagonal cross member. Welded pad eyes to other members prior to cutting and removal.

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18	30 Oct 2008		WOW until 03:00 hrs. Cut and laid out all cross members on starboard side of starboard aft leg. Prepared to install new horizontal cross member. Welded cross member in place on starboard side. Continued with scaffolding operations on aft side of leg.
19	31 Oct 2008		Prepared upper diagonal leg braces on deck. Fitted upper diagonal braces on cords A & B. Commenced welding braces: 40% complete. Continued scaffolding cantilevers on aft side (60% complete).
20	01 Nov 2008		Continued welding upper diagonal braces between cords A & B. Cut and removed all aft bracings. All scaffolding work completed. Installed lower diagonal braces between cords A & B. Installed and fitted new main horizontal bracing.
21	02 Nov 2008		Welded main horizontal brace between B & C cords (aft side). Cut, prepared and fitted upper and lower diagonal braces into place between B & C cords. Continued welding diagonal braces between cords A & B. Commenced welding diagonal braces on aft side between cords B & C. Commenced UT inspection
22	03 Nov 2008		Finished welding on starboard centre brace intersection between cords A & B at 04:00 hrs. Continued welding on centre brace intersection and diagonal butt welds on braces between cords B & C. Performed 72 hr inspection on starboard horizontal brace and 24 hr UT inspection of diagonal brace butt welds starboard side between cords A & B.
23	04 Nov 2008		Continued welding on centre brace node on aft side - completed by 11:30hrs. (2 hrs WOW due to strong winds combined with rain). Continued inspection of welds and commenced painting on stbd side.
24	05 Nov 2008		Continued inspection of welds, paint braces where inspections completed, removed scaffolding where braces painted. Worked on platform mods for use on span breaker repair. Housekeeping & general maintenance.
25	06 Nov 2008		Completed 72 hr inspection on outer welds (nearest chords) aft side - awaiting time lapse for 72 hr inspection on centre welds aft side. Continued painting on aft side. Inspected inner weld where leg teeth are welded onto chord B. Removed scaffolding where possible. Completed derrick shimming using 10mm shims.
26	07 Nov 2008		Completed last UT inspection of centre node on aft side and painted same. Rigged down all scaffolding and removed heli-pad (safety) net. Slipped and cut drill line. Prepared rig for rig move to Cliffy Island. Re-arranged decks and made sea fastening.
27	08 Nov 2008		Prepared rig for jacking down and rig move. Jacked rig down to 7m air gap from 27m original. Seafastened materials on deck and sack room. Prepared tow lines for towing. WOW to commence towing to PeeJay-1/Burnie - wind at 24:00 hrs: 37 knots
28	09 Nov 2008		WOW. Connected Battler to main tow line at 13:10 hrs and Valkyrie to bow tow line at 14:10 hrs. Lowered hull, performed water integrity check and continued to raise legs. On tow at 17:30 hrs. Inspected stbd span breakers and connection to spud can.
29	10 Nov 2008		On tow to PeeJay-1. Distance travelled 106.4 Nm, distance to go 43 Nm. Removed and replaced one span breaker on both bow and port legs at level 1. Removed span breaker at level 2 on bow leg. Rigged up port leg for removal of span breaker on level 2.
30	11 Nov 2008		Continued with tow to PeeJay-1, 10.1 Nm away from PeeJay-1 at 06:00 hrs. Reduced power on boats at 07:00 hrs and continued with replacement of span breakers, finshing the work at 21:00 hrs. Rigged down platforms and commenced lowering legs while bringing rig in on a heading of 135 deg.
31	12 Nov 2008		Pinned rig at 01:20 hrs and worked legs through tight spots and to confirm weight bearing capability. Pre-loaded port leg to 100% at 1m draft, jacked rig to 3m air gap and pre-loaded port leg to 100%. Held pre-load.
32	13 Nov 2008		Continued with pre-loading operations.
33	14 Nov 2008		Pre-loaded 100% on all 3 legs at 3.5m air gap. Held pre-load at 100% on all 3 legs at 3.5m air gap. Dumped mud pits and all pre-load tanks. Backload excess equipment from cantilever onto Pacific Valkyrie. Concurrently prepare to skid cantilever.
34	15 Nov 2008	155.0m	Backloaded all excess equipment from cantilever onto Pacific Valkyrie. Skidded cantilever aft 25 ft to drilling position. Hooked up service lines to Cantilever. Installed access stairs and mousehole. Picked up and made up 26"/36" BHA. Tagged bottom at 104m with 3.5m air gap. Spudded well and drilled to 155m. POOH and racked back BHA in derrick. Prepared to skid cantilever forward.
35	16 Nov 2008	218.0m	Prepared to skid cantilever forward. Skid cantilever forward and pinned and secured same. Jacked up rig to 11.3m operational air gap.

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			Skidded cantilever aft, lowered Texas deck and access stairs. Made up 5.5" drill pipe cement stand with stab in sub and stood back in derrick. Made up second stand with TIW valve and side entry sub and stood back in derrick. RIH with 26"/36" BHA to 116m. Washed and reamed from 116m to bottom. Drilled 26"/36" hole from 162m to 218m. Displaced hole to prehydrated bentonite mud. POOH to run 30" casing. Installed CTU and work platform. Concurrently rigged up to run 30" condutor casing. Held PJSM and ran 30" conductor casing to 33m.
36	17 Nov 2008	218.0m	Ran 30" conductor to 216m. Commenced cement job pumping preflush - no returns at seabed. Worked conductor with CTU. Adapted cement volume and cemented conductor with 80 bbls of slurry.
37	18 Nov 2008	414.0m	Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick. Made up 16in BHA and RIH tagging cement at 214m. Drilled 20in shoe and rathole to 218m. Drilled ahead 16in hole to 414m.
38	19 Nov 2008	810.0m	Drilled 16" hole from 414m to 810m. Swept hole with 200 bbls hi-vis and displaced hole with 700 bbls hi-vis mud. POOH with 16" BHA. Made up cementing stand and racked in derrick. Rigged up to run 13.375" casing and concurrently made final cut on 30" conductor.
39	20 Nov 2008	810.0m	Ran 13.375" casing, picked up wellhead assembly and landed out casing at MLS hanger. Cemented and displaced casing - did not bump plug. Adjusted landing ring on 18.75" wellhead and landed out on 30" conductor. Laid down equipment, rigged up and ran BOP, mandrel, overshot and diverter.
40	21 Nov 2008	810.0m	Completed running overshot and diverter. Ran and set 18.75" nominal wear bushing. Laid down 9.5" drill collars. Pressure tested IBOP valves. Pressure tested casing to 2500 psi. Picked up 12.25" BHA and shallow tested BHA tools. RIH with 12.25" BHA to 146m.
41	22 Nov 2008	1296.0m	Shallow tested MWD/LWD tools. Picked up 20 stands 5.5' drill pipe. RIH and tagged cement at 781m. Drilled cement and shoetrack whilst displacing well to KCl/Polymer. Drilled 3m of new formation and performed a LOT to 15.55 ppg EMW. Drilled ahead 12.25" hole from 813m to 1296m.
42	23 Nov 2008	1454.0m	Drilled 12.25" hole from 1296m to 1454m. POOH to surface and laid out MWD/LWD tools. Schlumberger downloaded data from MWD/LWD tools. Replaced batteries and energised tools.
43	24 Nov 2008	1609.0m	Schlumberger energized tools. Picked up 12.25in BHA and RIH to 1424m. Washed to bottom. Broke the bit in. Established parameters. Drilled 12.25in hole from 1454m to 1609m.
44	25 Nov 2008	1838.0m	Drilled 12.25in hole from 1609m to 1838m. (229m)
45	26 Nov 2008	2058.0m	Drilled 12.25in hole from 1838m to 2058m. (220m)
46	27 Nov 2008	2183.0m	Drilled 12.25in hole from 2058m to 2183m (125m). Circulated hole clean. Downlinked sonic tool. Flow checked well and POOH to 793m.
47	28 Nov 2008	2183.0m	POOH to 32m. Recovered radio active source and laid down MWD/LWD tools. RIH and laid down all 5.5" HWDP and 8.25" drill collars from derrick. RIH with mule shoe on 5.5" drill pipe to 1460m. Spotted a balanced hi-vis pill and pulled back to 1360m. Set a balanced cement plug from 1360m to 1230m. Pulled above and circulated bottoms up at 1143m. POOH to 561m. Laid down excess 5.5" drill pipe from 561m to surface.
48	29 Nov 2008	2183.0m	RIH and tagged top of cement at 1260m. POOH to 934m and set a 50 bbl hi-vis pill. Set a balanced cement plug from 834m to 704m. Pulled above and circulated bottoms up at 621m. POOH laying down excess 5.5" drill pipe to surface. RIH and laid down excess 5.5" drill pipe from derrick. Closed BSR & pressure tested cement plug #2 to 1350 psi. Jetted wear bushing and BOP's. Nippled down diverter, riser mandrel, choke line and BOP. Made up 13.375" casing cutter assembly.
49	30 Nov 2008	2183.0m	RIH with 13.375" casing cutter assembly and cut 13.375" casing at 155m. POOH and racked back 13.375" casing cutter. Retrieved welhead. POOH with 13.375" casing and laid down same. Set a 65m balanced cement plug from 185m to 120m. Pulled above and circulated bottoms up. Made up 30" casing cutter assembly and RIH to 113m. Cut 30" conductor at 113m. POOH and laid out 30" casing cutter. Removed Icon clamp and CTU inserts. Commenced pulling and laying down 30" conductor. ROV completed final seabed survey of PeeJay-1.
50	01 Dec 2008	2183.0m	Pulled and laid down 30" conductor pipe. Laid down excess tubulars from derrick. Removed work platform from texas deck. Nippled down CTU and setback. Rigged down Texas deck and secured same. Prepared to skid cantilever. Skidded cantilever aft and installed #4 Generator in engine room. Skidded cantilever forward and pinned and secured same. Prepared and secured sea fastenings in preparation for tow.
51	02 Dec 2008	2183.0m	Waiting on weather to commence jacking operations. Held pre-move meeting.
52	03 Dec 2008	2183.0m	Waited on weather to commence jacking operations. Jacked rig down to 5m air gap. Continued waiting on weather to commence jacking operations.
53	04 Dec 2008	2183.0m	Waited on weather to commence jacking operations. Connected Pacific Battler to main tow bridle. Jacked down hull to 4m draft. Conducted integrity tests on all tanks, mud pits and sand traps. Jetted and jacked legs. Connected Pacific Valkyrie to port bow pennant line. Rig afloat and all legs clear of seabed at 14:30 hrs. Rig released 1 nautical mile off PeeJay-1 location at 15:00 hrs on 04/12/08.

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Activity Report For PeeJay-1

Date : 13 Oct 2008 **Daily Cost : AUD$ 4387842** **Report Number : 1**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M1		2	***** START OF WELL @ 16:00hrs ON 13th OCTOBER 2008 **** Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 18:00 hrs : Latitude 38 deg 30' S. Longitiude 147 deg 59' E. Total distance travelled 6 nautical miles. Average speed 3 knots. Distance to go 142 nautical miles. ETA = 05:30 hrs 15th October 08
0.0	P1	P	M1		6	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 24:00 hrs : Latitude 38 deg 57' 02" S. Longitiude 147 deg 33' 40" E. Total distance travelled 41 nautical miles. Average speed 5.7 knots. Distance to go 109 nautical miles. ETA = 21:45 hrs 14th October 08

Date : 14 Oct 2008 **Daily Cost : AUD$ 752979** **Report Number : 2**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M1		6	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 06:00 hrs : LAT: 39 deg 20' 16.2" S. LONG: 147 deg 08' 32.740" E. Total distance travelled 70 nautical miles. Average speed 5.3 knots. Distance to go 77 nautical miles. ETA = 21:30 hrs 14th October 08
0.0	P1	P	M1		6	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 12:00 hrs : LAT: 39 deg 48' S. LONG: 146 deg 47' E. Total distance travelled 104 nautical miles. Average speed 5.7 knots. Distance to go 43 nautical miles. ETA = 20:00 hrs 14th October 08
0.0	P1	P	M1		7.5	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 18:00 hrs : LAT: 40 deg 20' .47" S. LONG: 146 deg 24' 49" E. Total distance travelled 139 nautical miles. Average speed 5.3 knots. Distance to go 11 nautical miles. ETA = 20:12 hrs 14th October 08
0.0	P1	P	M1		0.5	Disconnected port/bow pennant line from Pacific Valkyrie and connected port/aft pennant line to Pacific Valkyrie.
0.0	P1	P	M1		4	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 24:00 hrs : LAT: 40 deg 29' 47" S. LONG: 146 deg 21' 35" E. Total distance travelled 151 nautical miles. Average speed 4.7 knots. Note: Jacked down legs and tagged bottom. Soft pinned West Triton on PeeJay-1 location at 24:00 hrs. Note: Rig is 9.42m from intended location on a bearing of 50.37 deg. Final Rig Heading is 136.91 deg.

Date : 15 Oct 2008 **Daily Cost : AUD$ 706479** **Report Number : 3**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M3		1	Jacked up and removed tension one by one on all legs. Bow 104.3 mtrs - Stbd 104.3 mtrs - Port 108 mtrs
0.0	P1	P	M3		1	Jacked down all legs, initial penetration, Bow 7m, Port 7m, Stbd 7m.
0.0	P1	P	M3		1	Commenced pre loading bow leg to 30% preload.
0.0	P1	P	M3		1.5	Held preload at 30% on bow leg.
0.0	P1	P	M3		1	Commenced pre loading starboard leg to 30% preload.
0.0	P1	P	M3		1	Held pre load at 30% on starboard leg.
0.0	P1	P	M3		1	Commenced pre loading port leg to 30% preload.
0.0	P1	P	M3		1	Rapid penetration on Starboard and Port legs. Concurrently breaker tripped and lost power on panel, all engines still on line, reset breaker. Leveled up rig. Rig level: Bow 113.5m, Stbd 112.9m, Port 112.9m. Monitored settlement.

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DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 15 Oct 2008 **Daily Cost : AUD$ 706479** **Report Number : 3**

0.0	P1	P	M3	1	Rig level, hold 30% preload for 1 hour. Concurrently raised hull to compensate for rising tide. Rig level: Bow 114.2m, Stbd 113.7m, Port 114.3m.
0.0	P1	P	M3	1	No further settlement observed, commenced pre loading bow leg to 50% preload.
0.0	P1	P	M3	1	Held pre load at 50% on bow leg. No settlement observed.
0.0	P1	P	M3	1	Commenced pre loading starboard leg to 50% preload.
0.0	P1	P	M3	1	Held pre load at 50% on starboard leg. No settlement observed.
0.0	P1	P	M3	1	Commeced pre loading port leg to 50% preload.
0.0	P1	P	M3	1	Held pre load at 50% on port leg.
0.0	P1	P	M3	0.5	Port and starboard legs settling, lowered legs to level rig. Rig level Bow 115m, Stbd 115.6m, Port 116.3m. Rapid penetration on port leg, lowered port leg. Rig leve: Bow 115m, Stbd 115.6m Port 119.8m.
0.0	P1	P	M3	1	Commenced holding 50% preload for 1 hour. Port leg settling, leveled rig. Rig level: Bow 115m, Stbd 115.6m, Port 120.4m.
0.0	P1	P	M3	1	Commenced holding 50% preload for 1 hour.
0.0	P1	P	M3	1	Bow leg settling, lowered leg to level rig. Rig leve: Bow 119.5m, Stbd 115.6m, Port 120.4m. Commenced holding 50% preload for 1 hour.
0.0	P1	P	M3	0.5	Settlement observed, leveled bow leg prior to holding for 1 hour. Rapid penetration on bow leg, lowered bow leg and leveled rig. Commenced holding for 1 hour with 50% preload.
0.0	P1	P	M3	1	Rapid penetration of starboard leg, leveled rig and held 50% preload for 1 hour. Jacked up 1m. Bow 125.7m, Stbd 119.9m, Port 121.2m. Commenced pre load starboard leg to 75% preload.
0.0	P1	P	M3	1	Held pre load at 75% for 1 hour on starboard leg.
0.0	P1	P	M3	1.5	Rapid penetration on port leg: Bow 129.9m, Port 125.6m, Stbd 119.9m. Held pre load at 75% for 1 hour on starboard leg. Worked starboard leg up and down.
0.0	P1	P	M3	1	Commenced pre loading port leg to 75% preload. Note: Penetration on legs, with 75% pre load. Stbd 23m, Bow 27.3m, Port 27.8m.

Date : 16 Oct 2008 **Daily Cost : AUD$ 671155** **Report Number : 4**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M3		1	Held preload at 75% on port leg.
0.0	P1	P	M3		1	Worked starboard leg up and down for 20 minutes. Stopped working starboard leg. Bow 126.6m, Port 127.5m, Stbd 122m. Commenced pre load bow leg to 75% preload.
0.0	P1	P	M3		1	Held preload at 75% on bow leg.
0.0	P1	P	M3		2	Worked starboard leg up and down for 10 minutes. Stopped working starboard leg and commenced pre loading starboard leg to 100% preload.
0.0	P1	TP	M3	RE	0.5	Rapid penetration of stbd leg with 100% preload from 2m draft to 5m draft. Observed cross brace intersections sheared in two places on leg 15 ft from main deck level.
0.0	P1	TP	M3	RE	2.5	Conducted a visual survey of adjacent cross braces to assess damage and formulate a forward recovery plan.
0.0	P1	TP	M3	RE	2	Lowered volume of pre load across rig to equalise pinion load on legs to even pinion load.
0.0	P1	TP	M3	RE	2.5	Assessed damage to leg braces
0.0	P1	TP	M3	RE	1	Draft at all legs 5m. Reduced draft to 3m by dumping preload.
0.0	P1	TP	M3	RE	2	Seadrill received telephone call from Singapore. Instructions given to dump preload and stay at 3m draft until further notice.
0.0	P1	TP	M3	RE	2.5	Pumped out pre load tanks.
0.0	P1	TP	M3	RE	6	On going stripping of pre load tanks. Note: Leg length: Stbd 126.3m, Bow 126.4m, Port 126.6. Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m Draft at 3m.

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Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 17 Oct 2008 **Daily Cost : AUD$ 554613** **Report Number : 5**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M3	RE	4	Completed stripping of pre load tanks. Note: Leg length: Stbd 126.3m, Bow 126.4m, Port 126.6m Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m Draft at 3m.
0.0	P1	TP	M3	RE	20	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage.

Date : 18 Oct 2008 **Daily Cost : AUD$ 262655** **Report Number : 6**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M3	RE	24	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage

Date : 19 Oct 2008 **Daily Cost : AUD$ 265655** **Report Number : 7**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M3	RE	24	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage. Note: Abseilers conducted MPI inspection of starboard leg - no other damage noted on other brace welds. Lowered hull 1m to compensate for tide & wave slap at 22:00 hrs.

Date : 20 Oct 2008 **Daily Cost : AUD$ 244092** **Report Number : 8**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M3	RE	2.5	Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
0.0	P1	TP	M3	RE	8	Raised hull from2m to 3m to compensate for tide and wave slap at 02:30 hrs. Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
0.0	P1	TP	M3	RE	0.5	Lowered hull for tide and stopped to release Pacific Valkyrie from forward main tow bridle.
0.0	P1	TP	M3	RE	5.5	Connected main tow bridle to Pacific Battler. Lowered hull for tide (out of splash zone) to 4.5m draft, whilst waiting on Seadrill Management team to arrive and assess the damage. Note: RPD Readings AT 14:25 hrs: Stbd leg 123.9m. A=85- B=O - C=85 Bow leg 124.8m. A=35 - B=O - C=6 Port leg 124.3m. A=52 - B=O - C=43
0.0	P1	TP	M3	RE	0.5	Seadrill management team arrived onboard at 16:30 hrs.
0.0	P1	TP	M3	RE	2.5	Seadrill management team conducted initial inspection of damaged braces on starboard leg, prior to commencing jacking operations.
0.0	P1	TP	M3	RE	0.5	Raised legs and lowered rig to 6m draft on all 3 legs.
0.0	P1	TP	M3	RE	1	Jetted bow leg at 100 spm, 0 psi. Lowered Port and Stbd legs 0.5m, draft at 6m, stopped jacking. Lowered Bow leg to 117.1m, draft 7.5m. Continued jetting Bow leg with 2 mud pumps at 200 spm, 200 psi. Lowered Bow leg 0.5m. Jacked bow leg up. Bow 117.1m, draft at 7.5m.
0.0	P1	TP	M3	RE	2	Raised Port and Stbd legs to 120.6m. Stopped jacking, draft at 7m. Raised legs to 119.6m and stopped jacking at 118.6m.
0.0	P1	TP	M3	RE	1	Commenced jetting Stbd leg at 200 spm, 0 psi. Raised leg to 118.9m, draft at 7.5m. Stopped jacking and jetting. Disconnected jetting hose.

Date : 21 Oct 2008 **Daily Cost : AUD$ 143396** **Report Number : 9**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M3	RE	1	Raised legs: Stbd 118.2m, Bow 117.1m, Port 119.7m. Stopped jacking and commenced jetting port leg at 200 spm, 0 psi.

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Date : 21 Oct 2008 **Daily Cost : AUD$ 143396** **Report Number : 9**

0.0	P1	TP	M3	RE	1	Raised Port leg 0.5m to 119.1m, draft at 8m and stopped. Raised Stbd leg. All jacking stopped draft Stbd 7.5m, Bow 7m, Port 7.5m. Stopped jetting, disconnected jetting hose from port leg and connected to bow leg. Stbd 116.6m, Bow 116.1m, Port 116.1m. Raised Port leg and stopped at 117.2m.
0.0	P1	TP	M3	RE	0.5	Commenced jacking all legs, Stopped jacking. Stbd 114.3m, Bow 113.7m, Port 113.8m. Drafts Stbd 8m, Bow 7.25m, Port 7.25m. Penetrations: Stbd 20m, Bow 19.6m, Port 19.6m. Raised all legs and stopped jacking operations. Leg readings: Stbd 111.3m, Bow 111.1m, Port 110.9m. Penetrations on all legs 17m.
0.0	P1	TP	M3	RE	2.5	Connected jetting hose to Stbd leg and commenced jetting at 200 spm, 1170 gpm, 500 psi. Meanwhile connected lower jetting lines to Port and Bow legs.
0.0	P1	TP	M3	RE	0.5	Stopped jetting Stbd leg, removed jetting lines. Jacked down all 3 legs. (To allow access to damaged braces on Stbd leg) Leg readings: Stbd 113.4m, Bow 113.4m, Port 113.3m. Draft 4 to 4.5m.
0.0	P1	TP	M3	RE	2	Commenced jetting Bow leg at 200 spm, 1170 gpm, 300 psi. Abseilers concurrently commenced inspecting welds on braces below damaged section on Stbd leg.
0.0	P1	TP	M3	RE	2	Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting Bow leg. Lined up to jet Port leg. Commenced jetting Port leg at 200 spm, 1170 gpm, 500 psi.
0.0	P1	TP	M3	RE	2.5	Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting Port leg. Lined up to jet Bow leg. Commenced jetting Bow leg at 200 spm, 1170 gpm, 300 psi. Note: Connected Pacific Valkyrie to Port Bow pennant line at 11.00 hrs.
0.0	P1	TP	M3	RE	1.5	Jacked down Stbd leg for access to welds. All stopped Stbd leg at 114.9m. Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting bow leg. Commenced jacking Bow leg 113.4m. All stopped 112.6m. Commenced jacking Bow leg. All stopped Bow leg 114.3m. Commenced jacking Stbd leg 114.9m. All stopped Stbd leg 113.8m.
0.0	P1	TP	M3	RE	0.5	Abseilers completed weld inspections. Commenced jacking all legs. Stopped jacking. Stbd 110.8m, Bow 110.9m, Port 110.4m. Drafts Stbd 6m, Bow 6m, Port 6m. Removed jetting hoses from Bow and port legs.
0.0	P1	TP	M3	RE	1	Resumed jacking on all 3 legs. Stbd 110.8m, Bow 110.9m, Port 110.4m Stopped jacking. Stbd 117.7m, Bow 116.7m, Port 117.3m Note: RPD Readings at 14:56 hrs Stbd A=19 - B =0 - C=12 Bow A=0 - B=19 - C=2 Port A=1 - B=12 - C=0
0.0	P1	TP	M3	RE	1	Jacking operations commenced. All legs 110m. Penetration 18.4m Sea state 1.5 - 2m, Wind 22 knots, Water depth 76m, Tide 3m = 79m. Rig afloat and all legs clear of seabed at 15:50 hrs.
0.0	P1	TP	M1	RE	2	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig 1 nautical mile off PeeJay-1 location at 16:30 hrs on 21/10/08 Rig position at 18:00 hrs : Latitude 40 deg 26'.1 S. Longitiude 146 deg 23.8" E. Total distance travelled 5.1 nautical miles. Average speed 2.4 knots. Distance to go 144.2 nautical knots. ETA = 02:30 hrs 23rd October 08
0.0	P1	TP	M1	RE	6	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 24:00 hrs : Latitude 40 deg 4'.0"S. Longitiude 146 deg 40'.0"' E. Total distance travelled 32.8 nautical miles. Average speed 5.4 knots.

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Date : 21 Oct 2008 **Daily Cost : AUD$ 143396** **Report Number : 9**

Distance to go 116.2 nautical miles.
ETA = 22:00 hrs 22nd October 08

Date : 22 Oct 2008 **Daily Cost : AUD$ 120266** **Report Number : 10**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M1	RE	6	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 39 deg 34'.3' S. Longitiude 146 deg 56'.3"' E. Total distance travelled 61.6 nautical miles. Average speed 4.4 knots. Distance to go 87.7 nautical miles. ETA = 23:30 hrs 22nd October 08
0.0	P1	TP	M1	RE	7.5	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 12:00 hrs : Latitude 39 deg 03'.6' S. Longitiude 147 deg 23'.0"' E. Total distance travelled 99.1 nautical miles. Average speed 6.0 knots. Distance to go 50.3 nautical miles. ETA = 19:45 hrs 22nd October 08
0.0	P1	TP	M1	RE	3	Stopped towing to inspect spud cans with ROV. Jacked down legs from 25m to 35m. ROV in water at 14:00hrs ROV inspected Port and Stbd cans, Apparently no visual damage observed. ROV out of water at 14:45 hrs. Jacked up legs from 35m to 25m.
0.0	P1	TP	M1	RE	1.5	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 18:00 hrs : Latitude 38 deg 50'.31 S. Longitiude 147 deg 38'.7"' E. Total distance travelled 117.3 nautical miles. Average speed 5.0 knots. Distance to go 32.1 nautical miles. ETA = 00:20 hrs 23rd October 08
0.0	P1	TP	M1	RE	6	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 18:00 hrs : Latitude 38 deg 28'.4 S. Longitiude 148 deg 15'.0"' E. Total distance travelled 145.3 nautical miles. Average speed 3.8 knots. Distance to go 4.1 nautical miles. ETA = 02:00 hrs 23rd October 08 Note: Commenced jackind down legs at 23:15 hrs. Released Pacific Valkyrie from Port/Stbd bow and connected to Port/Aft Pennant line.

Date : 23 Oct 2008 **Daily Cost : AUD$ 185968** **Report Number : 11**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M1	RE	6	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 38 deg 24'.57 S. Longitude 148 deg 03'.50"' E. Total distance travelled 148.5 nautical miles. Average speed 3.9 knots. Note: At location, currently positioning rig with Pacific Battler and Pacific Valkyrie.
0.0	P1	TP	M1	RE	1	Jacked down legs and tagged bottom. Soft pinned West Triton on Bazzard-1 location at 06:22 hrs. Distance of Fwd leg from Bazzard-1 is 18.568m. Bearing 318.353 deg. Latitude: 38 deg 24'54. 7211" S Longitude: 148 deg03'50.1428" E Rig Heading: 136.46 deg.
0.0	P1	TP	M3	RE	10	Jacked up to 2m air gap and commenced preload
0.0	P1	TP	M3	RE	2	Held preload for 2 hours to confirm stability.
0.0	P1	TP	M3	RE	1.5	Dumped preload. Concurrently released Pacific Battler from main tow bridle. Jacked rig down to sea level and then up to the operational air gap of 27m above MSL.
0.0	P1	TP	M7	RE	3.5	Commenced backloading equipment from cantilever onto Pacific Battler in preparation for scaffolding and welding equipment.

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Date : 24 Oct 2008 **Daily Cost : AUD$ 262416** **Report Number : 12**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	1) Back loaded equipment from cantilever onto Pacific Battler. 2) Continued with preparations for Stbd leg repair. 3) Dismantled and removed scaffolding from Aft shaker area. 4) Fabricated base for air winch, required to assist with aft leg repair. 5) Re-instated life rafts back on appropriate stands. 6) Rigged up Stbd side bulk hoses. 7) Spooled new wireline on air winch for leg repair. 8) Offloaded scaffolding equipment from MV Calypso Star.

Date : 25 Oct 2008 **Daily Cost : AUD$ 289041** **Report Number : 13**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	1) Continued with preparations for leg repair. 2) Lowered Bow deepwell into sea and re-instated same. 3) Prepared hel-deck safety net for installing in Stbd leg well. 4) Installed safety net in Stbd leg well. 5) Scaffolders commenced installing scaffolding platformon Stbd leg. 6) Re-positioned air winch on Aft/Stbd main deck to assist with Stbd leg repairs. 7) Offloaded scaffolding equipment from Pacific Valkyrie.

Date : 26 Oct 2008 **Daily Cost : AUD$ 271591** **Report Number : 14**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	1) Offloaded and positioned generators and power boards on cantilever from Pacific Valkyrie. 2) Offloaded replacement leg braces from Pacific Valkyrie. 3) Preparations for ongoing rig repair. 4) Scaffolders continued installing platform on Stbd leg. 5) Seadrill crew assisted with scaffolding on Stbd leg. 6) Welded and MPI air tugger base on main deck at Stbd leg. 7) Rigged tugger line through snatch block on Stbd leg. 8) PPL rigging up and checking cutting equipment. 9) PPL Fitters and Welders arrived onboard.

Date : 27 Oct 2008 **Daily Cost : AUD$ 229821** **Report Number : 15**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	1) Backloaded heli fuel tank onto Pacific Valkyrie. 2) Checked status of all lifting slings. 3) Scaffolders continued to erect scaffolding on Stbd leg. 4) Progress to date; Platform = 70%, Towers = 45%, Cantilevers = 0% (Drl Sup own assessment) 5) Stopped operations from 15:00 hrs to 17:00 hrs, due to heavy rain and high winds. 6) Resumed operations from 17:00 hrs to 17: 30 hrs. 7) Suspended operations again at 17:30 hrs due to high winds 40 to 45 knots. 8) Winds at 24:00 hrs blowing at 44 knots, with gusts up to 50 knots.

Date : 28 Oct 2008 **Daily Cost : AUD$ 223821** **Report Number : 16**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	Scaffolders erected 4 cantilever platforms on Stbd leg scaffolding tower. Extended base platform towards aft side of damaged leg. Commenced building aft tower. Progress (Drl Sup own assessment): Platform = 95%, Towers = 50%, Cantilevers = 20% Continued general maintenance on rig. Performed weekly derrick inspection.

Date : 29 Oct 2008 **Daily Cost : AUD$ 234321** **Report Number : 17**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	6	Offloaded scaffolding and other supplies from Calypso Star.

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Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 29 Oct 2008 **Daily Cost : AUD$ 234321** **Report Number : 17**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
						Ongoing rig maintenance.
0.0	P1	TP	M7	RE	13	Scaffolders erected 1 cantilever platform on Stbd leg scaffolding tower. Continued building aft tower. Progress (Drl Sup own assessment): Platform = 100%, Towers = 85%, Cantilevers = 35%. Welded padeyes (inspected) on to upper first diagonal cross member. Completed both cuts on upper diagonal cross member. Prepared to lift clear with crane. Observed wind speed in excess of 40 knots.
0.0	P1	TP	M7	RE	5	Unable to continue with removal of cross member due to 40 knot wind gusting 45 knots. Welded padeyes onto all horizontal and diagonal members to be cut to aid removal. Continued to observe wind speed to work crane. Wind speed at 20:00 hrs = 40 knots, 22:00 hrs = 40 knots, 00:00 hrs = 40 knots.

Date : 30 Oct 2008 **Daily Cost : AUD$ 247821** **Report Number : 18**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	3	Wait on weather due to winds in excess of 40 knots.
0.0	P1	TP	M7	RE	3	Winds eased at 03:00 hrs. Crane assisted removal of leg cross member. Continued preparation to cut and remove leg cross members.
0.0	P1	TP	M7	RE	11	Cut, removed and laid out all cross members and bracings (7 pce) on starboard side of starboard aft leg using starboard crane.
						Continued scaffolding operations on aft side of leg.
0.0	P1	TP	M7	RE	4.5	Prepared to install horizontal cross member on starboard side of starboard aft leg. Crane lifted cross member into position and made final adjustments.
0.0	P1	TP	M7	RE	2.5	Welding 40% completed at midnight.

Date : 31 Oct 2008 **Daily Cost : AUD$ 229821** **Report Number : 19**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	4	Completed welding on hrizontal cross member on starboard side of starboard aft leg.
0.0	P1	TP	M7	RE	2	Waited on daylight to re-commence installation and welding of diagonal cross members. Meanwhile prepared backload and continued rig maintenance.
0.0	P1	TP	M7	RE	5	Fitters and welders measured, cut and prepared all diagonal braces and span breakers prior to installation on starboard side of starboard aft leg. Scaffolders continued building aft scaffold cantilever sections.
0.0	P1	TP	M7	RE	7	Moved top 2 diagonal braces into position. Fitted and installed in place with welding and grinding ops.
						Continued to build aft scaffold cantilevers (60% built at 18:00 hrs).
0.0	P1	TP	M7	RE	6	Continued fitting upper diagonal braces on cords B & A. Fitting took slightly longer due to 40 knot winds directly onto starboard aft leg. Welded firstly upper diagonal brace on cord B while continuing to fit upper diagonal brace on cord A (40% complete at 00:00 hrs).

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Activity Report For PeeJay-1

Date : 01 Nov 2008 **Daily Cost : AUD$ 235821** **Report Number : 20**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	6	Completed welding upper diagonal leg braces on cords B and A, starboard aft leg. 85% completed. Allow controlled cooling down, 85% completed.
0.0	P1	TP	M7	RE	5	Rigged up to remove cut braces from aft side of leg. Scaffolders continued building aft scaffolding (3 x cantilevers).
0.0	P1	TP	M7	RE	6	Cut and removed horizontal and diagonal braces on aft side of starboard aft leg (cord B). Braces (4 pce) lowered to aft side of leg with tugger and chain blocks. Crane able to remove braces from starboard side of cord B. Installed lower diagonal braces between cords A & B. All aft scaffolding cantilevers 100% finished by 14:30 hrs.
0.0	P1	TP	M7	RE	3.5	Cut and removed horizontal and diagonal braces on port side of aft starboard leg (cord C). Braces (3 pce) laid out and removed form aft side of leg using tugger, chain block and picked up by crane.
0.0	P1	TP	M7	RE	1.5	Prepared cut ends for welding main horizontal brace. Cut and prepared main horizontal brace for cords CB on cantilever deck.
0.0	P1	TP	M7	RE	2	Installed main horizontal brace for cords CB. Fitted brace in place ready for welding at 24:00 hrs.

Date : 02 Nov 2008 **Daily Cost : AUD$ 241821** **Report Number : 21**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	4.5	Welded main horizontal brace between cords B & C on aft side of starboard aft leg.
0.0	P1	TP	M7	RE	1.5	Continued welding passes on diagonal braces between cords A & B.
0.0	P1	TP	M7	RE	9	Cut and prepared all diagonal braces and span breakers for aft side.
0.0	P1	TP	M7	RE	6	Moved upper diagonals across to aft side of starboard aft leg. Fitted upper diagonals in place on B & C cords and tack - welded in place. Fitted lower diagonal braces on B & C cords and tack - welded in place. Continued welding passes on intersection area between diagonal braces and horizontal brace starboard side between cords A & B. UT inspection of outer welds on starboard side ongoing.
0.0	P1	TP	M7	RE	3	Commenced welding on aft diagonal braces between cords B & C. Continued welding passes on centre brace intersection on starboard side between cords A & B.

Date : 03 Nov 2008 **Daily Cost : AUD$ 237321** **Report Number : 22**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	Continued welding on upper and lower diagonal brace butt welds on aft side. Welded intersection welds where upper and lower diagonals meet main horizontal brace. Finished welding on starboard side between chords A & B at 04:00 hrs. Continued welding on aft side. Completed UT inspection of starboard side horizontal brace welds (72 hr inspection) - all OK. Completed 24 hr UT inspection of diagonal brace butt welds on starboard side - all OK. Commence derrick shimming work but unable to break bolts - awaiting Hi-torq socket.

Date : 04 Nov 2008 **Daily Cost : AUD$ 249571** **Report Number : 23**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	2.25	Continued welding on centre brace intersection on aft side between chords B & C.
0.0	P1	TP	M7	RE	1.75	Wait on weather - high winds at 42 knots gusting 48 knots with horizontal rain. Unable to continue welding.
0.0	P1	TP	M7	RE	7.5	Continued welding on centre brace intersection on aft side between chords B & C. **** COMPLETED ALL WELDING OPERATIONS ON BRACES AT 11H30 **** Continued inspection of welds. Assembled work platfroms for leg span breaker inspection/ repairs.
0.0	P1	TP	M7	RE	12.5	Continued inspectiion of welds. Status at 24h00:

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Date : 04 Nov 2008 **Daily Cost : AUD$ 249571** **Report Number : 23**

* 72 hr inspection completed on outer welds (nearest chords) on horizontal and upper diagonals, stbd side.
* 24 hr inspection completed on outer welds on lower diagonals and 4 centre welds on stbd side.
* 24 hr inspection completed on all outer welds on aft side.

Commenced painting on upper diagonals and horizontal braces on stbd side.

Date : 05 Nov 2008 **Daily Cost : AUD$ 274821** **Report Number : 24**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	Continued 72 hr inspections on stbd side of leg - all completed except for one weld on centre node. Continued 24 hr inspections on aft side - all completed. Applied primer and top coat paint as 72 hr inspections completed. Removed scaffolding cantilever platforms on upper section of stbd side. Continued work on platforms for intended span breaker repair. Removed tugger from aft leg position and replaced same on rig floor. General housekeeping, cleaning mud pits, checking dump valves.

Date : 06 Nov 2008 **Daily Cost : AUD$ 264668** **Report Number : 25**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	Completed 72 hr inspection on outer welds (nearest chords) aft side - awaiting time lapse for 72 hr inspection on centre welds aft side. Continued painting on aft side. Inspected inner weld where leg teeth are welded onto chord B. Removed scaffolding where possible. Completed derrick shimming using 10mm shims. Cleaned out and inspected mud pits.

Date : 07 Nov 2008 **Daily Cost : AUD$ 269168** **Report Number : 26**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	17	Completed last 72 hr UT inspection of centre node on aft side and painted same. Rigged down all scaffolding and removed heli-pad (safety) net.
0.0	P1	TP	M7	RE	7	Prepared rig for rig move to Cliffy Island. Re-arranged decks and made sea fastening. Slipped and cut 85ft drill line.

Date : 08 Nov 2008 **Daily Cost : AUD$ 172502** **Report Number : 27**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	24	Prepared rig for jacking down and rig move. Jacked rig down to 7m air gap from 27m original. Seafastened materials on deck and sack room. Prepared tow lines for towing. Held Pre-tow meetings at 13:45 hrs and at 19:00 hrs to discuss tow. WOW to commence towing to PeeJay-1/Burnie - wind at 24:00 hrs: 37 knots

Date : 09 Nov 2008 **Daily Cost : AUD$ 114821** **Report Number : 28**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M7	RE	13	WOW to commence towing to PeeJay-1/Burnie. Weather improving through course of the morning.
0.0	P1	TP	M3	RE	4.5	Connected Battler to main towing line at 13:10 hrs. Lowered hull to 2.5m draft and performed water integrity check. Connected Valkyrie to bow towing point at 14:10 hrs. Commenced raising legs.
0.0	P1	TP	M1	RE	4	On tow at 17:30 hrs. Continue raising legs - completed 21:30 hrs. Prepare for span breaker and chord-to-spud can inspection on stbd leg.
0.0	P1	TP	M1	RE	2.5	Prepared platforms for bow and port legs to gain access for cutting span breakers.

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Completed weld inspections of stbd leg on span breakers and chord-to-spud can.
Position at midnight: Lat 38 39.0 S, Long 147 51.0 E
Distance travelled: 13.5 Nm
Distance to go: 131.9 NM
Ave speed: 3.3 Knots
ETA 14:00 hrs 11/11

Date : 10 Nov 2008 **Daily Cost : AUD$ 115821** **Report Number : 29**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M1	RE	24	On tow to PeeJay-1. Both boats towing on bow of rig. Position at 06:00 hrs: Lat 38 54.9 S, Long 147 31.6 E Distance travelled: 40.1 Nm Distance to go: 110.1 Nm Ave speed: 3.6 Knots Position at 12:00 hrs: Lat 39 11.8 S, Long 147 14.7 E Distance travelled: 60.7 Nm Distance to go: 88.6 Nm Ave speed: 3.5 Knots Position at 18:00 hrs: Lat 39 27.6 S, Long 147 02 E Distance travelled: 79.7 Nm Distance to go: 69.7 Nm Ave speed: 3.2 Knots Position at 24:00 hrs: Lat 39 51.4 S, Long 146 46.2 E Distance travelled: 106.4 Nm Distance to go: 43 Nm Ave speed: 4.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Completed weld inspections of all 3 legs on span breakers and chord-to-spud can. Replaced 1 span breaker on each of bow and port leg at level 1. Rigged up and cut out 1 span breaker on bow at level 2 - completed 20:00 hrs. Stopped work at end of daylight. Rigged up port leg for work on span breaker at level 2.

Date : 11 Nov 2008 **Daily Cost : AUD$ 113393** **Report Number : 30**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M1	RE	7	Continued tow to PeeJay-1. Position at 06:00 hrs: Lat 40 20.8 S, Long 146 27.4 E Distance travelled: 139.3 Nm Distance to go: 10.1 Nm Ave speed: 5.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Reduce power on boats at 07:00 hrs to allow slow circling around Peejay-1 location while continuing with repairs. Rigged up port leg for work on span breaker at level 2.
0.0	P1	TP	M7	RE	15	Completed replacement of all 6 span breakers, 2 on bow and 4 on port side. Inspected and painted same. Rigged down platforms and associated equipment.
0.0	P1	TP	M2	RE	2	Commenced lowering legs while bringing rig in on approach course. Connected deep well pumps on all legs. At 24:00 hrs, rig 1 Nm from PeeJay-1 on heading 135 deg.

Date : 12 Nov 2008 **Daily Cost : AUD$ 135880** **Report Number : 31**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	TP	M2	RE	1.5	Continued lowering legs and approaching PeeJay-1 at 135deg. Pinned rig at 01:20 hrs. Provisional position: 4.73m from PeeJay-1 at heading of 136.3 deg Vessel Cambell Cove arrived 01:30 hrs to assist with rig positioning.

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0.0	P1	TP	M3	RE	15	Worked legs up and down in previous leg holes. Port leg tight at 20m penetration - worked same to free leg. Continued working legs to confirm load bearing capabilty. Initial penetration: Bow=27m, Port=26.9m, Stbd=26.15m. Liaise with Singapore office and authorities regarding deep penetrations.
0.0	P1	TP	M3	RE	4	Rig at 1m draft - commenced preloading Port leg and apply 100% preload.
0.0	P1	TP	M3	RE	2.5	Raised rig to 3m air gap, preloaded port leg to 100%.
0.0	P1	P	M3		1	Held 100% preload on port leg.

Date : 13 Nov 2008 **Daily Cost : AUD$ 687463** **Report Number : 32**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M3		1	Continued holding 100% pre-load on Port leg with rig at 3m air gap.
0.0	P1	P	M3		1	Dumped pre-load on Port leg.
0.0	P1	P	M3		3.5	Jacked rig down to 1.5m draft and pre-loaded Bow leg in water to 100%.
0.0	P1	P	M3		0.5	Held 100% pre-load on Bow leg while at 1.5m draft.
0.0	P1	P	M3		1	Dumped pre-load on Bow leg.
0.0	P1	P	M3		3	Jacked up rig to 2m air gap and pre-loaded Bow leg to 100% pre-load.
0.0	P1	P	M3		2.5	Held 100% pre-load on Bow leg at 2m draft.
0.0	P1	P	M3		1	Dumped pre-load on Bow leg.
0.0	P1	P	M3		1	Commenced jacking legs up to 0.5m draft. Checked draft, prior to jacking up to 2m draft.
0.0	P1	P	M3		2	Filled pre-load on Starboard leg and commenced pre-load.
0.0	P1	P	M3		1.5	Completed pre-load of Starboard leg in water with 2m draft. Held until 17:15 hrs. Dumped pre-load.
0.0	P1	P	M3		0.5	Jacked legs down and hull up to 3m air gap.
0.0	P1	P	M3		2.5	Pre-loaded Starboard leg to 100% with 3m air gap.
0.0	P1	P	M3		2	Held pre-load at 100% on Starboard leg.
0.0	P1	P	M3		0.5	Commenced dumping pre-load tanks due to tide and wave slap weather conditions.
0.0	P1	P	M3		0.5	Jacked down leg to 3.5m air gap and commenced pre-load all legs.

Date : 14 Nov 2008 **Daily Cost : AUD$ 720351** **Report Number : 33**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M3		7	Continued at 3.5m air gap and pre-loaded all legs to 100% pre-load.
0.0	P1	P	M3		12	Held 100% pre-load on all 3 legs at 3.5m air gap.
0.0	P1	P	M3		4	Dumped mud pits and all pre-load tanks.
0.0	P1	P	M2		1	Back loaded excess equipment from cantilever deck onto Pacific Vaulkyrie. Concurrently removed sea fastenings and prepared to skid cantilever.

Date : 15 Nov 2008 **Daily Cost : AUD$ 756081** **Report Number : 34**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
0.0	P1	P	M2		3.5	Continued back loading all excess equipment from cantilever onto Pacific Valkyrie. Concurrently prepared to skid cantilever aft.
0.0	P1	P	M2		1.5	Held PJSM and skidded cantilever aft 25 ft to drilling position.
0.0	P1	P	M2		2	Hooked up service lines to cantilever and installed mouse hole. Installed access stairs on port and starboard side to cantilever.
0.0	P2	P	G6		5	Held JSA. Prepared and made up 2 x 9 1/2" DC, 3 x 8 1/4" DC, 36" hole opener, float sub, Anderdrift, 6 x 5.5" HWDP and racked back in derrick. Picked up 4 x 5.5" drill pipe.
0.0	P2	P	G2		2	Continued picking up 14 joints of 5.5" drill pipe and racked back in derrick.
0.0	P2	P	G6		1	Picked up and racked back 3 x 8 1/4" drill collars.

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0.0	P2	P	G6	1.5	Made up 26" bit and 36" hole opener and RIH with BHA to 94m.
0.0	P2	P	G1	1	Changed out bails to drilling bails.
0.0	P2	P	G6	1	RIH from 94m to 100m. Engaged TDS and established circulation. Took survey at 100m, inclination 0 deg. RIH from 100m and tagged seabed at 104m. Took survey at 104m, inclination 0.5 deg.
155.0	P2	P	D2	2.5	Spudded well at 18:30 hrs. Drilled 26"/36" hole from 104m to 155m. RPM 60-95, GPM 600-800, SPP 650 psi, WOB 0-3 klbs. Pumped 75 bbl hi-vis sweeps every single. Took survey at 155m, inclination 1 deg.
155.0	P2	P	G6	2	Spotted 210 bbls of pre hydrated bentonite. POOH with BHA from 155m to surface.
155.0	P2	P	M2	1	Prepared to skid in cantilever.

Date : 16 Nov 2008 **Daily Cost : AUD$ 771479** **Report Number : 35**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
155.0	P2	P	M2		0.5	Continued preparing to skid cantilever.
155.0	P2	P	M2		1.5	Held PJSM. Skidded cantilever forward. Pinned and secured same.
155.0	P2	P	M3		1	Held PJSM. Jacked up rig to 11.3m operational air gap.
155.0	P2	P	G1		1.5	Lowered Texas deck.
155.0	P2	P	M2		1	Held PJSM. Skidded cantilever aft 25 ft to drilling position, installing access stairs to Texas deck at the same time.
155.0	P2	P	G1		3	Installed access stairs on port and starboard side of cantilever. Hooked up service lines to cantilever and installed mouse hole.
155.0	P2	P	G1		1	Made up 5.5" Drill pipe cement stand with stab in sub and stood back in derrick. Made up second stand with TIW valve and side entry sub and stood back in derrick.
155.0	P2	P	G6		2.5	Picked up 26"/36" BHA and RIH from surface to 116m. Re-entered hole using ROV.
162.0	P2	P	F1		1.5	Washed and reamed from 116m to 162m at RPM 120, GPM 600, WOB 1-2 klbs. Note: Depth difference due to change in air gap.
218.0	P2	P	D2		2.5	Drilled 26"/36" hole from 162m to 218m at RPM 120, GPM 960, WOB 3-5 klbs, SPP 800 psi, Torque 2-3 k ft-lbs. Took surveys at 208m inclination 1 deg, 218m inclination 0.5 deg. Pumped 75 bbls of hi-vis each single drilled.
218.0	P2	P	F3		1	Cleaned hole with 200 bbl hi-vis sweep and then displaced hole with 500 bbls of prehydrated bentonite mud.
218.0	P2	P	G8		2	POOH and racked back BHA. Broke off bit.
218.0	P3	P	G1		3	Installed CTU and work platform at texas deck. Concurrently rigged up to run 30" conductor casing.
218.0	P3	P	G9		2	Held PJSM and ran 30" conductor casing to 33m.

Date : 17 Nov 2008 **Daily Cost : AUD$ 1406976** **Report Number : 36**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
218.0	P3	P	G9		6	Ran 30" conductor casing from 33m to 152m. Filled each joint with seawater. Observed shoe enter hole with ROV at seabed. Installed quick "J" anti rotation plate and attached release cable at pivot point. Welded U bolts at regular intervals (one per joint) in a vertical line above the cam lock.
218.0	P3	P	G9		3	Continued running 30" conductor casing from 152m to 216m. Filled each joint with seawater. (Worked through tight spots from 167m to 200m) Welded U bolts at regular intervals (one per joint) in a vertical line above the cam lock. Attached release cable.
218.0	P3	P	G9		3	Confirmed MLS set depth with ROV. Made up Icon clamp on CTU and torqued up same. Tensioned CTU to 70 bar.
218.0	P3	P	G9		0.5	Held PJSM. Cut 30" conductor 2m above Icon clamp. and laid down first joint of conductor.
218.0	P3	P	G9		1	Held PJSM and laid down two joints of 30" conductor casing.
218.0	P3	P	G1		1	Rigged down Weatherford casing equipment. Rigged up 5.5" drill pipe handling equipment.
218.0	P3	P	G8		2.5	RIH with stinger and cementing head assembly. Broke circulation and stung into 20" shoe at 215m . Conductor full prior to stinging into 20" shoe.
218.0	P3	P	F3		1	Held PJSM. Rigged up surface lines. Cement unit pumped 10 bbls seawater spacer ahead. Pressure

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						tested surface lines to 1000 psi. Followed by a further 90 bbls of seawater spacer ahead. No returns observed at seabed with ROV.
218.0	P3	TP	F3	WB	2	Discussed options with town. Unstung stinger and attempted to establish returns whilst stroking CTU up/down 9". No success.
218.0	P3	P	F3		1.5	Held PJSM and performed revised cementing opeations. Cement unit pumped 2 bbls seawater ahead and pressure tested surface lines to 1000 psi. Mixed and pumped 80 bbls of 15.9 ppg class G cement slurry at 5 bpm with 43 bbls of mix fluid. (17 MT) Displaced cement with 13 bbls of seawater, final pumping pressure at end of displacement 220 psi. Cement in place at 21:00 hrs. No returns observed at seabed. Bled off pressure. No back flow observed, unstung and flushed stinger with 15 bbls of seawater. Rigged down surface lines.
218.0	P3	P	G8		1.5	Pooh with cement stinger and racked back same.
218.0	P3	TP	G13	RE	1	Held PJSM. Installed test joint in BOP, for offline testing.

Date : 18 Nov 2008 **Daily Cost : AUD$ 813402** **Report Number : 37**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
218.0	P3	TP	G13	RE	0.5	Made up test tool and retrieved tugger from BOPs.
218.0	P3	P	G2		5	Held PJSM. Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
218.0	P3	P	G6		2	Held PJSM. Laid down 36in hole opener and Anderdrift tool.
218.0	P3	P	G11		0.5	Serviced TDS
218.0	P4	TP	G6	TP	1.5	Waited on Schlumberger to prepare lifting subs for MWD equipment. Concurrently made up 1 x 16in string stabiliser.
218.0	P4	P	G6		2.5	Made up 16in bit #2, MWD and LWD tools and RIH with BHA to 184m.
218.0	P4	P	G2		1	Laid out 2 x 5.5in drill pipe singles used for racking back BHA. Schlumberger performed block calibration.
218.0	P4	P	G8		1.5	RIH from 184m to 213m. Engaged TDS and established flow rates at 600 to 1200 gpm. Welder installed flow indicator marker on conductor pipe.
218.0	P4	P	D1		1	Tagged cement at 214m, drilled out shoe at 216m and cement down to 218m.
253.0	P4	P	D2		2.5	Drilled 16in hole from 218m to 253m. Average ROP 14 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 80-120, WOB 2-4 klbs. GPM 700, SPM 120, SPP 750 PSI, Torque 1-3 k/ft.lbs.
414.0	P4	P	D2		6	Drilled 16in hole from 253m to 414m. Average ROP 26.8 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 6-9 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections

Date : 19 Nov 2008 **Daily Cost : AUD$ 761859** **Report Number : 38**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
614.0	P4	P	D2		6	Drilled 16" hole from 414m to 614m. Average ROP 33.3 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 5-10 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.
810.0	P4	P	D2		6.5	Drilled 16" hole from 614m to 810m. Average ROP 30.1 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 9-12 klbs. GPM 1200, SPM 206, SPP 2150 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.
810.0	P4	P	F3		0.5	Down linked Schlumber sonic tools with rates of 1000 - 1200 gpm.
810.0	P4	P	F3		1.5	Pumped 2 x 100 bbl hi-vis sweeps and displaced hole with 700 bbls hi-vis mud.
810.0	P4	P	G8		2	POOH with 5.5" drill pipe from 810m to 184m
810.0	P4	P	G6		3	POOH with 16" BHA from 184m to surface. Laid out MWD/LWD tools.

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810.0	P5	P	G1		1	Made up cement stand and stood back in derrick.
810.0	P5	P	G1		2.5	Held PJSM and rigged up weatherford casing handling equipment. Made final cut on 30" conductor at 8.60m in on joint # 17.
810.0	P5	TP	G1	TP	1	Made final cut on 30" conductor at 8.60m on joints #17. Investigated problems with Weatherford hydraulic unit and FMS. Concurrently held PJSM, prior to running casing.

Date : 20 Nov 2008 **Daily Cost : AUD$ 1125678** **Report Number : 39**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
810.0	P5	P	G9		8	Picked up 13.375" casing shoe joint. Baker locked float joint to shoe, checked float equipment and continued running 13.375" casing as per casing tally to 778m. Filled each joint whilst RIH.
810.0	P5	P	G1		1	Rigged down Weatherford casing handling equipment. Changed handling equipment from 13.375" casing to 5.5" drill pipe.
810.0	P5	P	G9		3	Picked up Dril-Quip 18.75" wellhead assembly and made up same to 13.375" casing. Made up cementing head and rigged up surface lines. Broke circulation and landed 13.375" casing sting at MLS hanger.
810.0	P5	P	F3		1	Circulated casing volume. Held PJSM for cement job.
810.0	P5	P	F3		2.5	Cemented 13.375" casing as follows: Pumped 10 bbls of drill water ahead, pressure tested surface lines to 3000 psi. Followed by a further 60 bbls of drill water ahead. Mixed and pumped 142 bbls of 15.8 ppg class G cement (29.3 MT), with 83.5 bbls of mix fluid. Released dart from cement head - no sign of engaging plug. Pumped 10 bbls of seawater. Changed over to rig pumps and displaced cement with 369 bbls (2655 stks, 97% eff). Failed to bump plug. Bled off 300 psi differential pressure - floats holding. Estimated TOC from pressure differential = 500m.
810.0	P5	P	G1		1	Flushed surface lines and rigged down same. Adjusted landing ring on 18.75" wellhead and landed out on 30" conductor
810.0	P5	P	G1		1	Released and recovered Dril-Quip clutch type running tool and cement head.
810.0	P5	P	G1		1.5	Installed annulus valves and blind flanges on wellhead. Laid down cement stinger and crossovers, running tool and cement head. Note: Found 13 3/8" cement plug still attached to launch sub and found that dart had hung up on square shoulder of crossover that was used above the well head running tool.
810.0	P6	P	G13		1.5	Held PJSM, moved and lowered BOP and nippled up same to wellhead. Ran mandrel and torqued up same. Increased CTU to 144 bar.
810.0	P6	P	G13		3.5	Ran mandrel and torqued up same. Picked up overshot riser and set in rotary.

Date : 21 Nov 2008 **Daily Cost : AUD$ 1003897** **Report Number : 40**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
810.0	P6	P	G13		1.5	Continued running overshot and diverter.
810.0	P6	P	G13		0.5	Rigged down handling equipment for diverter.
810.0	P6	P	G13		1	Pulled Diverter insert bushing. Made up running tool and ran 18.75" nominal bore protector to wellhead at 18m.
810.0	P6	P	G6		1.5	Laid down 1 x 8.25" drill collar and 2 x 9.5" drill collars.
810.0	P6	P	P1		2.5	Held PJSM. Rigged up to pressure test upper and lower IBOP valves to 250/5000 psi for 5/5 mins.
810.0	P6	P	P1		1	Held PJSM, rigged up and pressure tested 13.375" casing against blind/shear rams to 2500 psi/10 min.
810.0	P11	P	G1		1	Rigged down surface lines and rigged up handling equipment for picking up 5.5" drill pipe from catwalk.
810.0	P11	P	G2		5	Held PJSM. Picked up 20 stands of 5.5" drill pipe from catwalk and racked back in derrick.
810.0	P11	P	G6		2.5	Held PJSM and picked up 12.25" bit and Schlumberger BHA.
810.0	P11	P	G6		1.5	Engaged TDS to shallow test MWD/LWD tools. Schlumberger "Ideal Computer" crashed, unable to re-start. Changed and re-configured other computer. Completed testing MWD/LWD tools at 800 gpm.

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Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 21 Nov 2008 **Daily Cost : AUD$ 1003897** **Report Number : 40**

810.0	P11	TP	G6	TP	2	Held PJSM and attempted to load radio active source in ADN tool - no success. Unable to locate thread to latch the source handling tool. Schlumberger discussed problem with shore base, whilst continuing to attempt to engage handling tool without success.
810.0	P11	TP	G6	TP	0.5	Schlumberger tested radio active handling tool on secondary ADN tool on deck. Good test.
810.0	P11	TP	G6	TP	0.5	Broke out and laid down faulty primary ADN tool.
810.0	P11	TP	G6	TP	0.5	Loaded batteries and energised secondary ADN tool.
810.0	P11	TP	G6	TP	1	Picked up and made up secondary ADN tool. Engaged TDS and shallow tested same at 800 gpm, 950 psi. Good test.
810.0	P11	P	G6		0.5	Held PJSM and loaded radio active source.
810.0	P11	P	G6		1	RIH with BHA from 32m to 146m

Date : 22 Nov 2008 **Daily Cost : AUD$ 859110** **Report Number : 41**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
810.0	P11	P	G6		0.5	Engaged TDS and shallow tested MWD/LWD tools at 800 gpm, 950 psi.
810.0	P11	P	G2		4	Held PJSM. Picked up 20 stands of 5.5" drill pipe from catwalk and RIH to 762m
810.0	P11	P	G8		0.5	RIH from 762m and tagged cement at 781m with 5 klbs.
813.0	P11	P	D1		1.5	Drilled cement and shoetrack from 781m to 798m. Commenced displacing well to KCI/Polymer mud, whilst continuing drilling shoetrack and 3m of new formation to 813m.
813.0	P11	P	F4		0.5	Circulated and conditioned mud to 8.8 ppg.
813.0	P11	P	E1		2	Lined up and pressure tested surface lines to 2500 psi. Performed LOT. Formation broke down at 928 psi, EMW 15.55 ppg.
813.0	P11	P	D8		3	Drilled 12.25" hole from 813m to 883m. Average Parameters: ROP 23.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2300 psi, Torque 1-3 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
1090.0	P11	P	D8		6	Drilled 12.25" hole from 883m to 1090m. Average Parameters: ROP 34.5 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2400 psi, Torque 2-3 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
1296.0	P11	P	D8		6	Drilled 12.25" hole from 1090m to 1296m. Average Parameters: ROP 33.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2750 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.

Date : 23 Nov 2008 **Daily Cost : AUD$ 927113** **Report Number : 42**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
1412.0	P11	P	D8		6	Drilled 12.25" hole from 1296m to 1412m. Average Parameters: ROP 19.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2860 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
1453.0	P11	P	D8		6	Drilled 12.25" hole from 1412m to 1453m. Average Parameters: ROP 6.8 m/hr including connections, WOB 3-21 klbs, RPM 80-170, GPM 1200, SPM 205, SPP 2800 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections. Note: Encountered hard sandstone/pyrite/dolomite stringer at 1452 m - adjusted drilling parameters to optimize ROP and reduce shock loads on MWD tools.
1454.0	P11	P	D8		2	Drilled 12.25" hole from 1453m to 1454m. Average Parameters: ROP 0.4 m/hr, WOB 20-22 klbs, RPM 90, GPM 1000, SPM 170, SPP 2500 psi, Torque 3-4 k/ft.lbs. Continued drilling hard sandstone/pyrite/dolomite stringer at 1452 m - adjusted drilling parameters to optimize ROP and reduce shock loads on MWD tools.
1454.0	P11	P	G8		4	Flow checked well (10 mins). Well static. POOH from 1454m to 146m. Max intermittent overpull of 10-15k from 1200m to 1100m. Flow checked at shoe and prior to pulling BHA through BOP.
1454.0	P11	P	G6		0.5	POOH with BHA from 146m to 32m.

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1454.0	P11	P	G6		0.5	Held PJSM. Recovered radio active source from ADN tool.
1454.0	P11	P	G6		2.5	Broke off and inspected bit. Cutting structure and blades completely worn down to bit body. Laid out MWD/LWD logging tools from 32m to surface. Observed damaged threads on 6 5/8" Reg x 6 5/8" FH crossover (S/N 0SS0805088K), Sonic tool box end (S/N SN42736), ADN crossover pin end (S/N SBD4791)
1454.0	P11	P	G6		2.5	Schlumberger downloaded data from MWD/LWD logging tools. Installed new batteries and energised tools. Concurrently serviced rig and prepared shale shakers for drilling.

Date : 24 Nov 2008 **Daily Cost : AUD$ 755711** **Report Number : 43**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
1454.0	P11	P	G6		1	Schlumberger energized tools.
1454.0	P11	P	G6		2	Picked up 12.25in BHA and RIH to 32m.
1454.0	P11	P	G6		0.5	Made up TDS and shallow tested MWD/LWD tools at 800 gpm, 1000 psi.
1454.0	P11	P	G6		0.5	Held PJSM and loaded radio active source.
1454.0	P11	P	G6		1	RIH with BHA from 32m to 174m.
1454.0	P11	P	G8		3	RIH with 5.5in drill pipe from 174m to 1424m. Broke circulation at shoe.
1454.0	P11	P	F1		0.5	Washed / reamed from 1424m to 1453m at 1100 gpm, 2300 psi. Rotated at 20 rpm and fanned and tagged the bottom of the hole several times to wash away any debris left from previous bit run. Tagged bottom at 1454m and established drilling parameters.
1474.0	P11	P	D8		3.5	Drilled 12.25in hole from 1454m, broke through hard stringer at 1461m and drilled to 1474m. Average Parameters: ROP 5.7 m/hr, WOB 5-22 klbs, RPM 120-160, GPM 1210, SPM 208, SPP 2780 psi, Torque 3-5 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, thin beds of Clst/Coal
1499.0	P11	P	D8		3	Drilled 12.25in hole from 1474m to 1499m. Average Parameters: ROP 8.3 m/hr, WOB 5-29 klbs, RPM 120-160, GPM 1200, SPM 207, SPP 2800 psi, Torque 2-3 k/ft.lbs. Surveyed every 3 connections Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, one good bed of Coal.
1499.0	P11	TP	F4	TP	0.5	Shaker screens blinding - mud losses. Stopped drilling and reciprocated pipe circulated at reduced rate while cleaning screens.
1517.0	P11	P	D8		1.5	Drilled 12.25in hole from 1499m to 1517m. Average Parameters: ROP 12.40m/hr, WOB 5-25 klbs, RPM 140, GPM 1200, SPM 207, SPP 2900 psi, Torque 3-4 k/ft.lbs. Surveyed every 3 connections Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools Dominantly Sst, some thicker Clst beds.
1517.0	P11	TP	F4	TP	0.5	Shaker screens blinding, losses, stopped drilling, reciprocated pipe whilst circulating at reduced rate.
1609.0	P11	P	D2		6.5	Drilled 12.25in hole from 1517m to 1609m. Average Parameters: ROP 14.1 m/hr, WOB 8-20 klbs, RPM 140, GPM 1200, SPM 207, SPP 2900 psi, Torque 3-4 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, some thicker Clst beds.

Date : 25 Nov 2008 **Daily Cost : AUD$ 832759** **Report Number : 44**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
1665.0	P11	P	D8		6	Drilled 12.25in hole from 1609m to 1665m. (56m) Average ROP - 9.3 m/hr. Average Parameters: WOB 8-20 klbs, RPM 90-140, GPM 1000, SPM 170, SPP 2300 psi, Torque 3-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
1680.0	P11	P	D8		3.5	Drilled 12.25in hole from 1665m to 1680m. (15m) Average ROP - 4.2 m/hr.

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Date : 25 Nov 2008 **Daily Cost : AUD$ 832759** **Report Number : 44**

						Average Parameters: WOB 20-28 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
1680.0	P11	P	G11		0.5	Serviced TDS
1703.0	P11	P	D8		2	Drilled 12.25in hole from 1680m to 1703m. (23m) Average ROP - 11.5 m/hr. Average Parameters: WOB 20-28 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
1757.0	P11	P	D8		6	Drilled 12.25in hole from 1703m to 1757m. (54m) Average ROP - 9.0 m/hr. Average Parameters: WOB 22-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 5-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
1838.0	P11	P	D8		6	Drilled 12.25in hole from 1757m to 1838m. (81m) Average ROP - 13.5 m/hr. Average Parameters: WOB 15-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3050 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.

Date : 26 Nov 2008 **Daily Cost : AUD$ 708879** **Report Number : 45**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
1916.0	P11	P	D8		6.5	Drilled 12.25in hole from 1838m to 1916m. (78m) Average ROP - 12.0m/hr. Average Parameters: WOB 15-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3050 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbedded Coal, Clst. Dropped carbide at 1887m = 13.6in.
1916.0	P11	P	G11		0.5	Rig service - greased TDS & washpipe. Concurrently repaired air connection on shaker and took SCR's.
1961.0	P11	P	D8		5	Drilled 12.25in hole from 1916m to 1961m. (45m) Average ROP - 9.0m/hr. Average Parameters: WOB 28 klbs, RPM 160, GPM 1200, SPM 208, SPP 3100 psi, Torque 6-811k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbedded Coal, Clst.
2008.0	P11	P	D8		6	Drilled 12.25in hole from 1961m to 2008m. (47m) Average ROP - 7.8m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Clst, interbeded Sst and Coal.
2058.0	P11	P	D8		6	Drilled 12.25in hole from 2008m to 2058m. (50m) Average ROP - 8.3m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Clst, interbedded Sst and Coal.

Date : 27 Nov 2008 **Daily Cost : AUD$ 813343** **Report Number : 46**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2090.0	P11	P	D8		6	Drilled 12.25in hole from 2058m to 2090m. (32m) Average ROP - 5.3m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Igneous Intrusive - Dolerite
2146.0	P11	P	D8		6	Drilled 12.25in hole from 2090m to 2146m. (56m) Average ROP - 9.3m/hr. Average Parameters: WOB 35-40 klbs, RPM 140, GPM 1200, SPM 208, SPP 3150 psi, Torque 6-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Igneous Intrusive to 2104m. Clst, interbedded Coal and Sst.
2183.0	P11	P	D8		4.5	Drilled 12.25in hole from 2146m to 2183m. (37m) Average ROP - 8.2m/hr.

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Date : 27 Nov 2008 **Daily Cost : AUD$ 813343** **Report Number : 46**

						Average Parameters: WOB 40 klbs, RPM 145, GPM 1200, SPM 208, SPP 3200 psi, Torque 7-9 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Clst, interbedded Sst and Coal.
2183.0	P11	P	F4		1	Circulated hole clean at 1200 gpm, 3200 psi.
2183.0	P11	P	F4		0.5	Schlumberger downlinked sonic to change recording rates from 10 seconds to 1 second at 1000 gpm, 2420 psi and 1200 gpm, 3300 psi.
2183.0	P11	P	G8		1.5	Flow checked well (10 mins). Well static. POOH wet from 2183m to 1947m. Max intermittent overpull of 10-20k.
2183.0	P11	P	F3		0.5	Pumped 25 bbls of 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud.
2183.0	P11	P	G8		3.5	POOH with 5.5in drill pipe from 1947m to 793m. (Above shoe at 804m). Hole condition good.
2183.0	P11	P	F3		0.5	Flow checked well (10 min). Held kick drill (80 sec). Pumped 25 bbls of 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud.

Date : 28 Nov 2008 **Daily Cost : AUD$ 855275** **Report Number : 47**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P11	P	G8		1	POOH from 793m to 174m.
2183.0	P11	P	G6		1	POOH with BHA from 174m to 32m.
2183.0	P11	P	G6		0.5	Held PJSM. Recovered radio active source from ADN tool.
2183.0	P11	P	G13		1.5	Broke off bit and laid out MWD/LWD logging tools from 32m to surface.
2183.0	P11	P	G2		1	RIH and lay down 6 x 5.5" HWDP from derrick while waiting on confirmation of wireline logging program.
2183.0	P11	P	G2		2.5	Laid down excess 8.25" drill collars from derrick while waiting on confirmation of wireline logging program.
2183.0	P21	P	G8		3	RIH with mule shoe on 5.5" drill pipe from surface to 1449m while waiting on confirmation of wireline logging program.
2183.0	P21	TP	F4	WB	0.5	Observed U Tubing from drill pipe. Engaged TDS to circulate bottoms up. Observed pressure spike of 800 psi when bringing pumps up to speed. Shut down pumps.
2183.0	P21	TP	G14	WB	1	Checked surface line up. Commenced pumping again. Minimum returns to shakers. No returns to active pit. Observed decrease in flow show. Established downhole losses occuring. Shut down pumps. Monitored well on trip tank. Total downhole losses at 194 bbls.
2183.0	P21	TP	F4	WB	1	Observed well on trip tank. Well static. Established circulation at 300 gpm, whilst rotating and reciprocating string slowly. Increased rate to 600 gpm. Very heavy cuttings/cavings over shakers on bottoms up. Reduced circulation whilst circulating clear.
2183.0	P21	P	F4		0.5	Increased rate to 600 gpm. Very heavy cuttings/cavings over shakers on bottoms up. Reduced circulation whilst circulating clear.
2183.0	P21	TP	F3		0.5	Spaced out to place stinger at 1460m. Spot balanced hi vis pill from 1460m to 1360m - pumped 50 bbls hi-vis and displaced with 92 bbls 9.5 ppg mud.
2183.0	P21	P	G8		0.5	POOH from 1460m to 1360m.
2183.0	P21	P	G1		0.5	Spaced out and made up cement circulating head assembly. Rigged up cement lines. Set balanced cement plug #1 from 1360m - 1230m (130m): Cement unit pumped 8 bbls of drill water. Tested surface lines to 3000 psi. Pumped another 8 bbls of drill water ahead.
2183.0	P21	P	F3		0.5	Set balanced cement plug #1 from 1360m - 1230m (130m): Cement unit mixed and pumped 84 bbls (408 sx) of 15.8 ppg cement slurry at 6 bpm with 49.5 bbls of mix water. (17MT class G cement).
2183.0	P21	P	F3		0.5	Cement unit pumped 3 bbls of drill water spacer behind and displaced with 73 bbls of 9.5 ppg mud. (Under displaced by 7 bbls)
2183.0	P21	P	G8		0.5	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly from 1360m to 1143m.
2183.0	P21	P	F4		1.5	Circulated bottoms up at 1000 gpm, 500 psi. Medium cuttings/cavings over shakers on bottoms up. (Slight cement returns observed at surface)

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Date : 28 Nov 2008 **Daily Cost : AUD$ 855275** **Report Number : 47**

2183.0	P21	P	G8	2	POOH 5.5" drill pipe from 1143m to 562m.
2183.0	P21	P	G2	4	POOH laying down excess 5.5" drill pipe from 562m to surface.

Date : 29 Nov 2008 **Daily Cost : AUD$ 768351** **Report Number : 48**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P21	P	G8		2.5	RIH with 5.5" drill pipe to 1200m.
2183.0	P21	P	F1		0.5	Engaged TDS and broke circulation with 300 gpm. Washed down from 1230m and tagged top of cement at 1260m with 5 klbs.
2183.0	P21	P	G8		1	POOH from 1260m to 934m.
2183.0	P21	P	F3		0.5	Pumped 50 bbls hi-vis and displaced with 56 bbls 9.5 ppg mud.
2183.0	P21	P	G8		0.5	POOH from 934m to 834m.
2183.0	P21	P	G1		0.5	Spaced out and made up cement circulating head assembly. Rigged up cement hose line. Cement unit pumped 8 bbls of drill water ahead. Tested surface lines to 1000 psi. Good test. Followed by another 8 bbls of drill water ahead.
2183.0	P21	P	F3		0.5	Set balanced cement plug#2 from 834m - 704m (130m) Cement unit mixed and pumped 70 bbls (339 sx) of 15.8 ppg cement slurry at 6 bpm with 41.3bbls of mix water. (14MT class G cement). Cement unit pumped 3 bbls of drill water spacer behind and displaced with 35 bbls of 9.5 ppg mud. (Under displaced by 7 bbls).
2183.0	P21	P	G8		1	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly from 834m to 621m.
2183.0	P21	P	F4		0.5	Circulated bottoms up at 1000 gpm, 300 psi (Slight cement returns observed at surface).
2183.0	P21	P	G2		4	Pumped 15 bbls 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud. POOH laying down 5.5" drill pipe from 621m to surface.
2183.0	P21	P	G2		4.5	RIH with excess 5.5" drill pipe from derrick and laid down same.
2183.0	P21	P	P1		1	Pressure tested 13.375" casing to 1350 psi against blind/shear rams. Held same for 10 minutes. Good test. Used 3.3 bbls to pressure up the casing.
2183.0	P21	P	G13		1	RIH and jetted wear bushing and BOPs. Flushed choke, kill & diverter lines with seawater.
2183.0	P21	P	G13		1	Rigged up to nipple down diverter system. Pulled diverter housing and laid down same.
2183.0	P21	P	G13		4.5	Nipple down diverter riser mandrel, choke line and BOP. Setback same on test stump. Reduced CTU to 115 bar = 158 MT.
2183.0	P21	P	G7		0.5	Made up 13.375" casing cutter assembly.

Date : 30 Nov 2008 **Daily Cost : AUD$ 847823** **Report Number : 49**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P21	P	G7		1	Surface tested 13.375" casing cutter. Good test. RIH to 155m.
2183.0	P21	P	G7		0.5	Cut 13.375" casing at 155m. RPM 110, GPM, 370, SPP 800 psi, Torque 0-3 K ft-lbs. Reduced CTU to 83 bar = 114MT. POOH with 13.375" casing cutter assembly.
2183.0	P21	P	G15		1	Made up wear bushing retrieving tool and RIH and retrieved nominal bore protector at 18m. POOH to surface and laid down wear bushing retrieval tool.
2183.0	P21	P	G9		1.5	Made up Dril-Quip clutch type running tool. RIH and engaged 18.75" wellhead and 13.375" casing. POOH and laid out same.
2183.0	P21	P	G1		0.5	Rigged up 13.375" casing handling equipment.
2183.0	P21	P	G9		3.5	POOH laying down 13.375" casing. Laid out 2 x pup joints, 7 x joints, mud line hanger, 2 x joints and cut off joint.
2183.0	P21	P	G9		1	Changed handling equipment from 13.375" to 5.5". Picked up 18.75" wellhead and soft broke crossover on Dril-Quip clutch type running tool. Laid out same.
2183.0	P21	P	G8		0.5	Made up mule shoe and RIH with 5.5" drill pipe. No resistance passing 13.375" casing stump at 155m. Hung up at 207m. Apperared to have gone down outside of 13.375" casing.
2183.0	P21	TP	G8	WB	1	Pulled back to 155m and attempted to re-enter 13.375" casing while rotating string, each time running down and hanging up at 207m. POOH with drill string.

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DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 30 Nov 2008 **Daily Cost : AUD$ 847823** **Report Number : 49**

2183.0	P21	TP	G8	WB	2	Installed 14" spring bow centraliser on 5.5" drill pipe above mule shoe and RIH. Tagged top of 13.375" casing stump at 155m. Picked up and rotated string 1/4 turn at a time and attempted to enter casing. Repeated several times and finally passed 155m. Continued to RIH - string held up at 207m - still outside 13.375" casing.
2183.0	P21	TP	G8	WB	0.5	POOH and removed 14" spring bow centraliser.
2183.0	P21	TP	G8	WB	1	RIH with mule shoe and 5.5" drill pipe. Hung up at 207m. Pulled back to 185m. Picked up cement stand.
2183.0	P21	P	F3		1	Set balanced cement plug #3 from 185m - 120m (65m): Spaced out to place mule shoe at 185m. Rigged up cement lines. Cement unit broke circulation and pumped 5 bbls sea water. Pressure tested lines to 2000 psi. Mixed and pumped 160 bbls of 15.8 ppg cement slurry (34MT HTB Cement). Displaced with 5 bbls of sea water. (Under displaced by 3 bbls)
2183.0	P21	P	G8		0.5	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly to 120m.
2183.0	P21	P	F4		0.5	Circulated bottoms up at 1000 gpm, 100 psi. POOH.
2183.0	P21	P	G9		1	Made up 30" casing cutter assembly. Surface tested same. Ok.
2183.0	P21	P	G8		0.5	RIH with 30" casing cutter to 113m.
2183.0	P21	P	G9		1	Cut 30" casing at 113m. RPM 110, GPM 150, SPP 1400 psi, Torque 3-5 K ft-lbs. Reduced CTU to 70 bar = 96 MT.
2183.0	P21	P	G8		1	POOH with 30" casing cutter assembly and laid down same.
2183.0	P21	P	G9		1	Rigged up lifting slings and prepared to pull conductor landing joint above rotary table.
2183.0	P21	P	G9		2.5	Pulled 30" conductor free and lifted 2m. Removed Icon clamp and conductor tensioner unit split inserts.
2183.0	P21	P	G9		1	Pulled 30" conductor from 113m to 94m and laid out 1 x upper cut off joint.

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ADA_AU_FWR.xsl (parent/child V1.3)

DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008
Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Activity Report For PeeJay-1

Date : 01 Dec 2008 **Daily Cost : AUD$ 727593** **Report Number : 50**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P21	P	G1		0.5	Rigged down lifting slings. Rigged up 30" side door elevators.
2183.0	P21	P	G9		3	POOH with 30" conductor from 94m to surface laying down 6 x full joints and 1 x lower cut off joint.
2183.0	P21	P	G1		1	Rigged down 30" handling equipment and cleared rig floor of excess equipment.
2183.0	P21	P	G2		3.5	Rigged up 5.5" drill pipe handling equipment, and laid down excess tubulars from derrick.
2183.0	P21	P	G1		1.5	Rigged up lifting slings and picked up work platform and setback on main deck.
2183.0	P21	P	G1		1	Removed conductor tensioner unit, setback and secured same.
2183.0	P21	P	G1		1.5	Rigged down texas deck and secured same. Removed access stairs to texas deck.
2183.0	P1	P	M2		2.5	Prepared to skid cantilever. Removed all stairways, service hoses and flow line.
2183.0	P1	P	M2		0.5	Held PJSM and reviewed skidding procedures. Skidded cantilever aft 33 ft to allow access and installation of #4 generator into engine room.
2183.0	P1	P	G1		1	Lowered generator into engine room. Picked up and secured choke and kill hoses.
2183.0	P1	P	M2		2.5	Skidded cantilever forward and pinned and secured same.
2183.0	P1	P	M2		2	Rigged up service lines and installed wedges.
2183.0	P1	P	M2		3.5	Prepared and secured sea fastenings in preparation for tow.

Date : 02 Dec 2008 **Daily Cost : AUD$ 668363** **Report Number : 51**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P1	TP	G25	WOW	24	Waiting on weather to commence jacking operations. Weather: 00:00 hrs: Wind 37-43 knots, Waves 2.6m, Swell 2.8m 01:00 hrs: Wind 36-40 knots, Waves 1.5m, Swell 2.0m 02:00 hrs: Wind 30-32 knots, Waves 1.5m, Swell 2.5m 03:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 2.0m 04:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 3.5m 05:00 hrs: Wind 34-36 knots, Waves 1.5m. Swell 3.5m 06:00 hrs: Wind 35-37 knots, Waves 1.5m, Swell 3.5m 07:00 hrs: Wind 36-39 knots, Waves 1.0m, Swell 3.5m 08:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 3.0m 09:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 10:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 11:00 hrs: Wind 29-33 knots, Waves 3.0m, Swell 2.0m 12:00 hrs: Wind 29-30 knots, Waves 2.0m, Swell 1.5m 13:00 hrs: Wind 26-28 knots, Waves 2.0m, Swell 1.5m 14:00 hrs: Wind 24-25 knots, Waves 2.0m, Swell 1.5m 15:00 hrs: Wind 26-28 knots, Waves 1.0m, Swell 1.5m 16:00 hrs: Wind 31-33 knots, Waves 1.5m, Swell 2.0m 17:00 hrs: Wind 32-35 Knots, Waves 1.5m, Swell 1.5m 18:00 hrs: Wind 35-38 knots, Waves 1.5m, Swell 2.0m 19:00 hrs: Wind 30-33 knots, Waves 2.0m, Swell 3.0m 20:00 hrs: Wind 22-24 knots, Waves 1.5m, Swell 2.0m 21:00 hrs: Wind 17-21 knots, Waves 1.5m, Swell 2.0m 22:00 hrs: Wind 17-19 knots, Waves 1.5m, Swell 2.0m 23:00 hrs: Wind 24-26 knots, Waves 2.0m, Swell 2.0m 24:00 hrs: Wind 23-25 knots, Waves 3.0m, Swell 3.0m

Date : 03 Dec 2008 **Daily Cost : AUD$ 676525** **Report Number : 52**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P1	TP	G25	WOW	10	Waited on weather to commence jacking operations. Weather: 00:00 hrs: Wind 23-25 knots, Swell 3.0m, Combined Seas, 4.2m. 01:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 02:00 hrs: Wind 26-30 knots, Swell 3.0m, Combined Seas, 4.2m.

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DFE above MSL : 34.15m | Lat : 40 Deg 29 Min 47.9079 Sec | Spud Date : 15 Nov 2008 | Release Date : 04 Dec 2008

Water Depth : 78m | Long : 146 Deg 21 Min 35.4578 Sec | Spud Time : 18:30 | Release Time : 15:00

Date : 03 Dec 2008 **Daily Cost : AUD$ 676525** **Report Number : 52**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
						03:00 hrs: Wind 27-30 knots, Swell 3.0m, Combined Seas, 4.2m. 04:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 05:00 hrs: Wind 27-30 knots, Swell 2.5m, Combined Seas, 3.9m. 06:00 hrs: Wind 21-23 knots, Swell 3.0m, Combined Seas, 3.6m. 07:00 hrs: Wind 23-25 knots, Swell 2.0m, Combined Seas, 2.0m. 08:00 hrs: Wind 23-26 knots, Swell 2.0m, Combined Seas, 2.0m. 09:00 hrs: Wind 30-34 knots, Swell 2.0m, Combined Seas, 2.5m. 10:00 hrs: Wind 26-32 knots, Swell 2.0m, Combined Seas, 3.0m.
2183.0	P1	P	M3		1	Held JSA with all relevant personnel and reviewed jacking procedures. Tested jacks on all legs. Commenced jacking down to 5m air gap.
2183.0	P1	TP	G25	WOW	13	Waited on weather to commence jacking operations. Weather: 11:00 hrs: Wind 32-34 knots, Swell 2.5m, Combined Seas, 2.0m. 12:00 hrs: Wind 29-32 knots, Swell 2.5m, Combined Seas, 3.0m. 13:00 hrs: Wind 35-38 knots, Swell 2.5m, Combined Seas, 4.0m. 14:00 hrs: Wind 38-40 knots, Swell 2.5m, Combined Seas, 4.0m. 15:00 hrs: Wind 34-37 knots, Swell 2.5m, Combined Seas, 4.0m. 16:00 hrs: Wind 34-37 knots, Swell 2.5m, Combined Seas, 3.5m. 17:00 hrs: Wind 37-40 knots, Swell 2.5m, Combined Seas, 3.5m. 18:00 hrs: Wind 34-36 knots, Swell 2.5m, Combined Seas, 4.0m. 19:00 hrs: Wind 30-34 knots, Swell 2.5m, Combined Seas, 4.0m. 20:00 hrs: Wind 27-30 knots, Swell 2.5m, Combined Seas, 4.0m. 21:00 hrs: Wind 20-25 knots, Swell 2.0m, Combined Seas, 4.0m. 22:00 hrs: Wind 18-22 knots, Swell 2.0m, Combined Seas, 4.0m. 23:00 hrs: Wind 22-25 knots, Swell 2.0m, Combined Seas, 3.0m. 24:00 hrs: Wind 20-23 knots, Swell 3.0m, Combined Seas, 2.0m.

Date : 04 Dec 2008 **Daily Cost : AUD$ 484791** **Report Number : 53**

Depth (m)	Phase	Cls	Op	R.C.	Hrs	Activity
2183.0	P1	TP	G25	WOW	4.5	Waited on weather to commence jacking operations. Weather: 01:00 hrs: Wind 12-18 knots, Swell 2.0m, Combined Seas, 2.0m. 02:00 hrs: Wind 13-16 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 03:00 hrs: Wind 10-14 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 04:00 hrs: Wind 10-13 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m.
0.0	P1	P	M3		2	Held JSA with all relevant personnel and reviewed jacking procedures. Connected main tow bridle to Pacific Battler. Tested jacks on all legs. Jacked down hull to 4m draft.
2183.0	P1	P	M3		2.5	Conducted water tight integrity tests on all tanks, mud pits and sand traps.
2183.0	P1	P	M3		2	Connected hoses. Commenced jetting all legs at 940 gpm, 0 psi. Jacked hull down to 6.5m draft, and increased jetting at 1290 gpm, 0 psi. Closed in Starboard and Port jetting lines and jetted Bow leg at 1200 gpm, 250 psi.
2183.0	P1	P	M3		1	Shut down mud pumps. Removed jet lines and jacked down hull to 7m draft. Re-instated bottom jet lines.
2183.0	P1	P	M3		1	Jetted port leg at 1200 gpm, 300 psi at 7m draft.
2183.0	P1	P	M3		0.5	Jetted all 3 legs at 1400 gpm, 0 psi.
2183.0	P1	P	M3		1	Legs free. Jacked up all legs to 94m. Concurrently connected Pacific Valkyrie to port bow pennant line. Rig afloat and all legs clear of seabed at 14:30 hrs.
2183.0	P1	P	M3		0.5	Rig released 1 nautical mile off PeeJay-1 location at 15:00 hrs on 04/12/08.

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Attachment 9

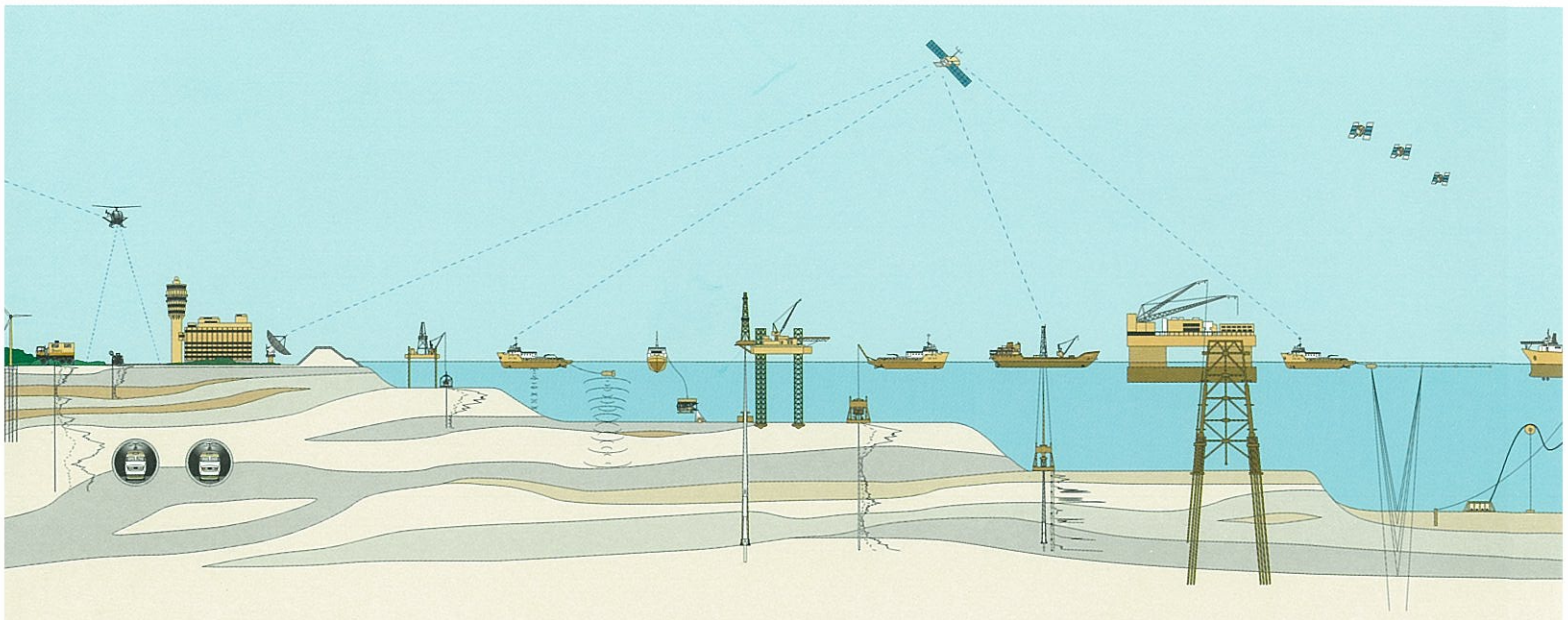
Final Rig Position Summary (Fugro)

REPORT FOR THE WEST TRITON RIG MOVE TO PEEJAY-1 LOCATION

FUGRO BTW LTD JOB NO. 07066

Client : Australian Drilling Associates Pty Ltd

Date of Survey : 07 November to 19 November 2008



14-22 Connett Rd West, Bell Block, PO Box 39, New Plymouth, NZ. Tel: 64 6 7695040 Fax: 64 6 7696262

REPORT FOR THE WEST TRITON RIG MOVE TO THE PEEJAY-1 LOCATION

FUGRO BTW JOB NO. – 07066

Client : AUSTRALIAN DRILLING ASSOCIATES PTY LTD

Date of Project : 07 November to 17 November 2008

0	Final			
Rev	Description	Checked	Approved	Date

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APPENDIX D - VESSEL OFFSET DIAGRAM
APPENDIX E - CLIENT SUPPLIED DATA

1.0 EXECUTIVE SUMMARY

Between the 07 November and 19 November 2008 Fugro BTW Limited (Fugro) provided equipment and personnel for the Jack Up Mobile Offshore Drilling Unit (MODU) West Triton, rig move from Bazzard-1 to the PeeJay-1 location.

Surface positioning was achieved utilising Fugro's Starfix Differential GPS (DGPS) interfaced to Fugro's SEIS navigation software.

The final position derived from DGPS observations of the West Triton Drill stem at the PeeJay-1 location is:

Location Name	West Triton : Drill stem
MGA94, UTM Zone 55 S	
Easting	**445754.686 m**
Northing	**5516921.312 m**
GDA94-ITRF2008.50	
Latitude	**40º 29' 47.9079" S**
Longitude	**146º 21' 35.4578" E**
Rig Heading (True)	**136.42° (True)**
Height above Australian Height Datum (AHD)	
Rotary Table (RT)	**34.543 m**

TABLE 2-1 : FINAL COORDINATES AND HEADING

This position is 5.04 m at a bearing of 058.19° **True** FROM the proposed Peejay-1 location.

All coordinates in this report are quoted in terms of Geocentric Datum of Australia 1994 (GDA94) and Map Grid of Australia 1994, UTM Zone 55 S (MGA94) projection unless otherwise stated.

2.0 INTRODUCTION

Fugro BTW Ltd (Fugro) was contracted by Australian Drilling Associates Pty Ltd (ADA) to provide navigation and positioning survey services onboard the Jack Up Rig (JUR) West Triton, during the rig move to the PeeJay-1 location in the Bass Strait, Australia.

A general location diagram is shown in Figure 1-1.

This report details the equipment used survey parameters adopted, procedures employed and the results achieved. A section on safety is included in Section 4.0 of this report.

2.1 Scope of Work

Personnel and equipment were provided on a 24 hour per day basis for:

- Final rig surface positioning at the PeeJay-1 location using DGPS observations.
- Final reporting of the positioning results.

2.2 Sequence of Events

On 07 November 2008, A. Waugh departed New Plymouth, New Zealand for Melbourne, Australia. On arrival in Melbourne A. Waugh joined G. Marshall at the Hilton hotel, Melbourne airport remaining overnight. On 08 November G. Marshall and A. Waugh proceeded to the Bristow Heliport and departed for the *West* Triton arriving onboard at 1130. At 1400 on 08 November 2008 the navigation systems and telemetry links were confirmed as fully operational between the *West Triton* and AHV's. Jacking down operations commenced at 1328 on 09 November 2008 and the tow to PeeJay-1 commenced at 1718. The rig was positioned at 0140 12 November 2008 and jacking operations commenced to enable the commencement of the preloading operations. Preload operations commenced at 1718 12 November and were completed at 1900 14 November. A. Waugh departed the West Triton on 15 November returning to New Zealand on 16 November. Final jacking up to drilling draft commenced at 0210 16 November and the final fix commenced at 0250. G. Marshall departed the West Triton on 18 November returning to New Zealand on 19 November.

Further details of Fugro's involvement in the rig move are presented in the daily operations reports included in **Appendix A.**

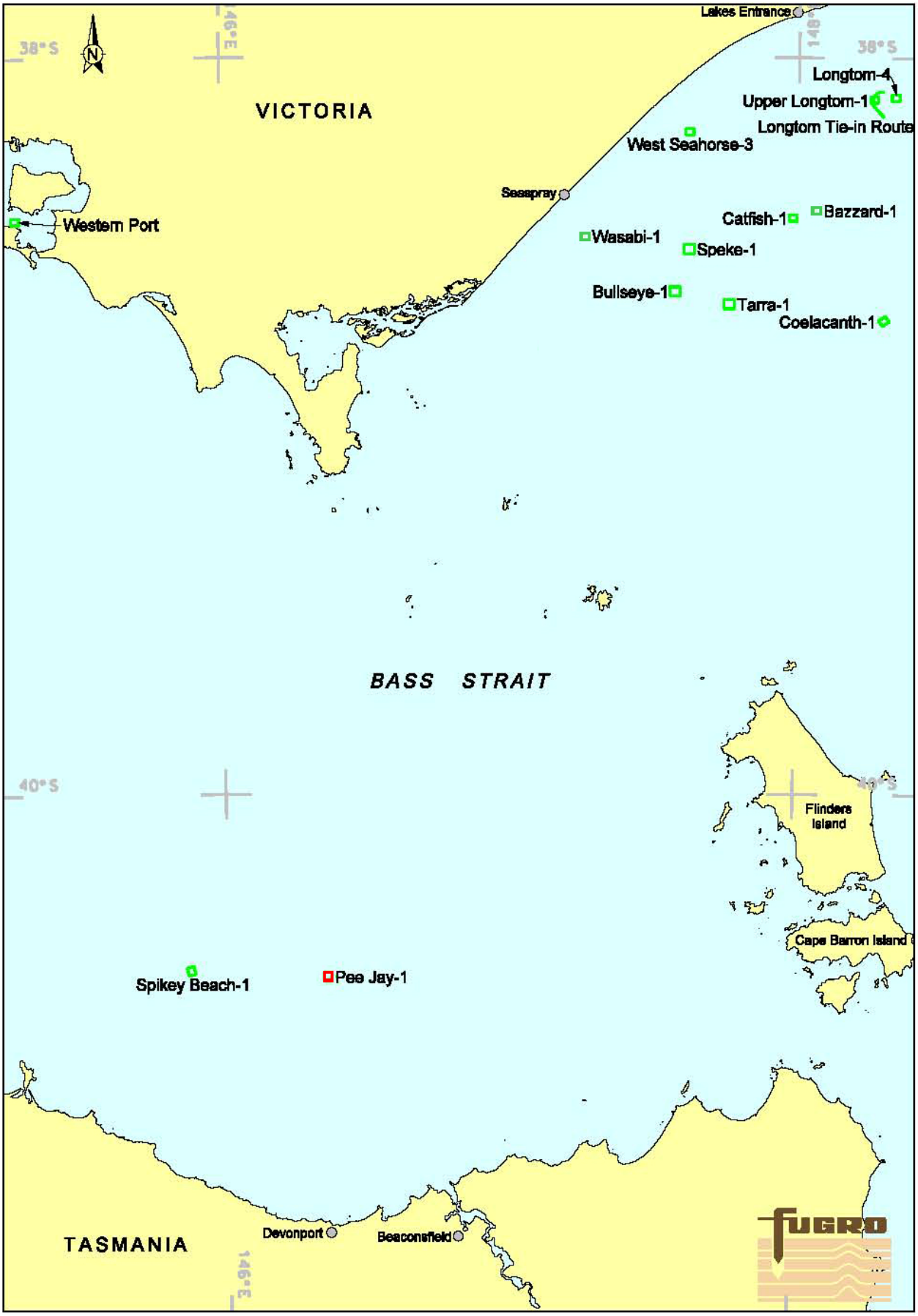


FIGURE 1 : PEEJAY-1 GENERAL LOCATION DIAGRAM

3.0 RESULTS

3.1 Final Position

The final position of the West Triton drill stem at PeeJay-1 was established by calculating the mean position from 6 hours of DGPS data logged between 0250 and 0850 on 16 November 2008. During this period, calculated drill stem coordinates from the primary positioning system were logged and the data used to calculate the final position.

Geocentric Datum of Australia 1994 geographical positions for the West Triton drill stem at the PeeJay-1 location are shown in Table 3-1.

Geocentric Datum of Australia 1994, ITRF2008.50			
Position	**Method**	**Latitude**	**Longitude**
West Triton Drill Stem	DGPS	40º 29' 47.9079" S	146º 21' 35.4578" E
Client Supplied Design for PeeJay-1		40º 29' 47.9940" S	146º 21' 35.2760" E

TABLE 3-1 : GEOGRAPHICAL POSITIONS

Map Grid of Australia 1994 grid coordinates (UTM Zone 55 S, CM 147 E) for the West Triton drill stem at the PeeJay-1 location are shown in Table 3-2.

Map Grid of Australia 1994, UTM Zone 55 S			
Position	**Method**	**Easting**	**Northing**
West Triton Drill Stem	DGPS	445754.686 m	5516921.312 m
Client Supplied Design for PeeJay-1		445750.426 m	5516918.626 m

TABLE 3-2 : GRID COORDINATES

The position is 5.04 **m** at a bearing of 058.19º True (057.77° G) from the design location.

A copy of the original rig position field report is contained in Appendix B.

3.2 Rig Heading

Gyro calibration's were undertaken prior to undertaking the rig move at the Wasabi-1 location by sun azimuth to compute the C-O correction.

A copy of the Gyro calibration reports are shown in Appendix C.

The West Triton's heading at PeeJay-1 is shown in Table 3-3.

Description	**Method**	**True**	**Grid**
West Triton heading at PeeJay-1	GYRO	136.42°	136.00°
Client Supplied Design heading		135.00°	134.58°

TABLE 3-3 : FINAL HEADING

3.3 Height

The *West Triton* Rotary Table's (RT) height above Australian Height Datum (AHD) was determined from logging 6 hours of carrier phase GPS data between 0250 and 0850 on 16 November 2008. During this period, antenna heights from the primary positioning system were logged and the data used to calculate the final height of the RT.

The *West Triton's* Rotary Table height is shown in Table 3-4.

Description	Method	Height above AHD
West Triton Rotary Table at PeeJay-1	Carrier Phase GPS	34.543 m

TABLE 3-4 : FINAL HEIGHT

4.0 SAFETY

All work undertaken by Fugro personnel during the project was preformed within the guidelines of Fugro's Safety policy, as defined in Fugro's Safety Manual (SMS – P01) and Offshore Survey Practices (SMS SP26).

Fugro personnel worked within all project safety guidelines and plans adopted by Seadrill and ADA.

No safety incidents involving Fugro personnel were reported during the project.

Fugro personnel attended a vessel induction, pre rig move meeting and weekly safety meeting whilst onboard.

5.0 GEODETIC PARAMETERS

5.1 Datum and Projection

All coordinates are referenced to the Geocentric Datum of Australia 1994 (GDA94) unless otherwise noted. The Global Positioning System (GPS) operates on the World Geodetic System 1984 (WGS84) datum. Fugro's Differential GPS Reference Stations are currently defined in the International Terrestrial Reference Frame 2000 (ITRF2000 Epoch 2008.50) datum. Due to the continual refinement of the WGS84 reference frame, for all cases, the transformation parameters indicate that the WGS84 and ITRF2000 reference frames are essentially identical.

Datum	**:**	**World Geodetic System 1984 (WGS84)**
Reference Spheroid	:	World Geodetic System 1984
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257223563

Datum	**:**	**Geocentric Datum of Australia 1994 (GDA94)**
Reference Spheroid	:	Geodetic Reference System 1980 (GRS80)
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257222101

The following seven parameter datum transformation was used in Fugro's software, to transform WGS84 (ITRF2000 Epoch 2008.50) coordinates to GDA94 coordinates. These parameters are calculated from the 14 parameter transformation defined by Geoscience Australia. Fugro follows the Coordinate Frame Rotation convention (as defined by UKOOA) for datum transformations.

Transformation Parameters from WGS84 (ITRF2000 Epoch 2008.50) to GDA94			
dX	+0.0174m	rX	+0.017554"
dY	-0.0484m	rY	+0.015065"
dZ	-0.1035m	rZ	+0.018157"
dS	+0.003362ppm		

TABLE 5-1 : TRANSFORMATION PARAMETERS

No transformation is needed in order to compute between WGS84 to GRS80.

Well grid coordinates are referenced to the Map Grid of Australia.

Grid	**:**	**Map Grid of Australia 1994 (MGA94)**
Projection	:	Universal Transverse Mercator (UTM)
Latitude of Origin	:	0°
Central Meridian	:	147° E (UTM Zone 55)
Central Scale Factor	:	0.9996
False Easting	:	500000m
False Northing	:	10000000m
Units	:	Metres

6.0 DIFFERENTIAL GPS REFERENCE STATIONS

Fugro's Differential GPS Reference Stations are currently defined in the ITRF2008.25 datum and shown in Table 6-1

Datum: ITRF 2000 Epoch 2008.25 Reference Ellipsoid: GRS80					
Station Name	**Station ID**	**Latitude**	**Longitude**	**Height (m)**	**Uplink**
Bathurst	336	33° 25′ 46.87757″	149° 34′ 01.97016″	756.670	OCSat / APSat
Brisbane	275	27° 28′ 38.48593″	153° 01′ 37.35303″	93.155	OCSat
Ceduna	355	32° 07′ 03.04719″	133° 41′ 22.85207″	7.280	OCSat
Cobar	316	31° 29′ 57.42962″	145° 50′ 20.34599″	270.176	OCSat / APSat
Melbourne	385	37° 47′ 59.26402″	144° 57′ 39.31144″	67.338	OCSat / APSat

TABLE 6-1 : GPS REFERENCE STATIONS

7.0 PROJECT COORDINATES AND TOLERANCES

Project target coordinates supplied by the client and surface tolerances for the West Triton Drill Stem at the PeeJay-1 location are shown in Table 7.1

Map Grid of Australia 1994, UTM Zone 55 S			
Location	**Easting (m)**	**Northing (m)**	**Tolerance**
West Triton at PeeJay-1	445750.426 m	5516918.626 m	±20 m

TABLE 7-1 : PROJECT DESIGN COORDINATES

8.0 PERSONNEL

8.1 Personnel Listing

G. Marshall	Surveyor in Charge	07 November 2008 – 19 November 2008
A. Waugh	Surveyor/Technician	07 November 2008 – 16 November 2008

9.0 VESSELS

The vessels used for towing the West Triton were the Anchor Handling vessel *AHV Pacific Battler* and the *AHV Pacific Valkyrie*. Refer to Appendix D for the offset diagram of the West Triton.

10.0 CONCLUSIONS AND RECOMMENDATIONS

On reviewing the rig move and positioning operations undertaken by Fugro the *West Triton* was successfully positioned at the PeeJay-1 location.

11.0 DISTRIBUTION

Australian Drilling Associates Pty Ltd	: 1 electronic copy
Fugro BTW Ltd	: 1 paper copy : 1 electronic copy

APPENDIX A
Daily Operations Reports

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 07/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
1230 AEDT	2359 AEDT	G. Marshall checks in Hilton Airport Hotel.
1415 NZDT	1500 NZDT	A. Waugh travel from New Plymouth to Auckland airport.
1620 NZST	1820 AEST	A. Waugh travel from New Zealand to Melbourne.
		NOTE All times now AEDT
1900	2359	A. Waugh checks in Hilton Airport Hotel.
1900	2359	G. Marshall and A. Waugh overnight in Melbourne.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION: 2 x Hilton Airport Hotel					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-01

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

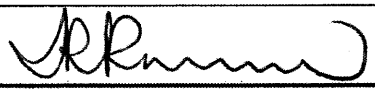
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 08/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0700	G. Marshall and A. Waugh overnight at Melbourne.
0715	0915	G. Marshall and A. Waugh check in at heliport and attend Helicopter Safety Briefing.
0915	1117	G. Marshall and A. Waugh fly to West Triton.
1300	1400	G. Marshall and A. Waugh attend Saturday Rig Safety meeting.
1400		All Navigation systems operational.
1900	1937	G. Marshall and A. Waugh attend Rig Move meeting.
1937	2359	Standing by for rig move.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	2	G. Marshall and A. Waugh attend rig induction.
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Rig move operations.
HSE / Project Meetings	1	Night company mans meeting.

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-02

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 09/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1030	Standing by for rig move.
1030	1045	Abandon Rig Drill.
1310	1328	Pacific Battler connected to main Tow Wire.
1328	1412	Commence jacking down operations.
1412	1454	Pacific Valkyrie connected to secondary Tow Wire.
1454	1512	Stop Jacking operations for water tight integrity check.
1512	1528	Jacking hull up.
1528	1548	Stop jacking up.
1548	1718	Recommence jacking down operations.
1718	2359	Commence tow to PeeJay-1.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	1	Abandon Rig Drill.
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-03

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 10/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Continue tow to PeeJay-1 location.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-04

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

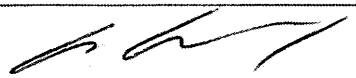
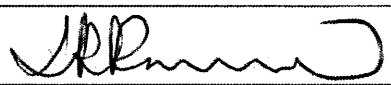
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 11/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2200	Continue tow to PeeJay-1 location.
0600	0833	Pacific Battler and Pacific Valkyrie decreasing power and shortening in on tows.
0833	0900	Pacific Valkyrie disconnected from secondary tow bridal.
0900		Pacific Valkyrie connected to port aft tow bridal.
1830	1930	Pacific Valkyrie shut down Nav system. Talked through rebooting system.
2200	2359	Commence jacking down.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-05

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

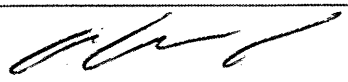
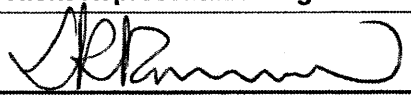
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 12/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001		Rig at 1 mile from location.
0001	0140	Continue jacking down.
0140	0145	Soft Pinned.
0145	1718	Jacking rig to enable preload.
0728	0928	Logging data for Pre Spud.fix.
1718	2359	Commence Pre Load.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-06

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 13/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Continue Pre Load.
1522		Pacific Battler slipped from main tow pennant.
1538	1615	Pacific Valkyrie slipped from port aft tow wire. Proceeding to connect to main tow pennant.
1615		Pacific Valkyrie connected to main tow pennant.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-07

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 14/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1900	Continue Pre Load.
0530		Pacific Valkyrie disconnected from main tow pennant.
1900		Complete preload. Dumping ballast.
2100		Decision to stay at this air gap to drill the first 50m section of well.
2100	2359	Waiting to conduct heighting and Final fix.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-08

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 15/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Waiting to conduct heighting and final fix.
0800	0830	A. Waugh attends helicopter safety briefing.
1030	1215	A. Waugh departs West Triton for Melbourne. Remain overnight.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Helicopter Safety Briefing
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION: 1 x Hilton Hotel Melbourne Airport.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-09

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 16/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0210	Waiting to conduct heighting and final fix.
0210	0240	Jacking up to drilling draft.
0250	0850	Commence logging for final fix and heighting.
0700	0720	Attend morning meeting.
0850	1200	Processing final fix data.
1200	1700	A. Waugh departs Melbourne for New Zealand.
1200	2359	Awaiting departure from rig.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-10

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 17/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Awaiting departure from rig.
1930	1945	Helicopter safety briefing.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Helicopter Safety Briefing
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-11

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 18/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1000	Awaiting departure from rig.
1000	1200	Depart West Triton for Melbourne.
1230	1830	Check in at Melbourne airport.
1830	2359	Depart Melbourne for New Zealand.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-12

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 19/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0200	Travel to New Zealand

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-13

APPENDIX B
Final Positioning Data

Starfix Final Fix Report

Fugro Job Number	07066 Pee Jay 1
Job Name	West Triton Rig Move
Fugro Personnel	G. Marshall - Surveyor in Charge
	A. Waugh - Surveyor/Technician
Client Name	ADA
Client Representative	R. Rossouw
Sampling Started	15 Nov 2008 3:49:01 PM UTC
Sampling Ended	15 Nov 2008 9:52:12 PM UTC
Output File Name	"320 21 52 12.pdf"
Comment	Peejay-1 Final Fix

West Triton At Pee Jay-1 - Final DGPS Position Fix Summary for DS

DS Offset From CRP

Starboard	0.000 m
Forward	0.000 m
Up	0.000 m

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9079"S
Longitude	146°21'35.4578"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445754.686 m
Northing	5516921.312 m
Final Rig Heading	136.42 °T (Convergence -0.42° Aust/NZ)
Gyro C-O	-295.14 °

DS Position is 5.04 m on a bearing of 58.19 °T (57.77 °G) FROM intended location

The Rotary Table is 34.543m Above the Australian Height Datum (AHD)

Intended Offset / Well Location

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9940"S
Longitude	146°21'35.2760"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445750.426 m
Northing	5516918.626 m

Surveyor in Charge: _____

Client Representative : _____

Geodetic Parameters

Geodetic Datum	**GDA94-ITRF2008.50**		
Spheroid	**GRS80**		
Semi-Major Axis	6378137.000		
Inverse Flattening	298.2572221010		
Eccentricity^2	0.006694380022901		
DX	0.0174m	RX	0.0176 arc seconds
DY	-0.0484m	RY	0.0151 arc seconds
DZ	-0.1035m	RZ	0.0182 arc seconds
D Scale	0.0034ppm		
Rotation Convention	+RZ=-RLongitude		
Projection	**Universal Transverse Mercator Zone: 55**		
Latitude of Origin	0°00'00.0000"N		
Longitude of Origin	147°00'00.0000"E		
False Easting	500000.000m		
False Northing	10000000.000m		
Convergence	- 0°24'54.5517"		

Final Primary Antenna Position (Port OCSAT.GGA)

2180 observations used out of a total of 2180

Primary Antenna Offset from CRP

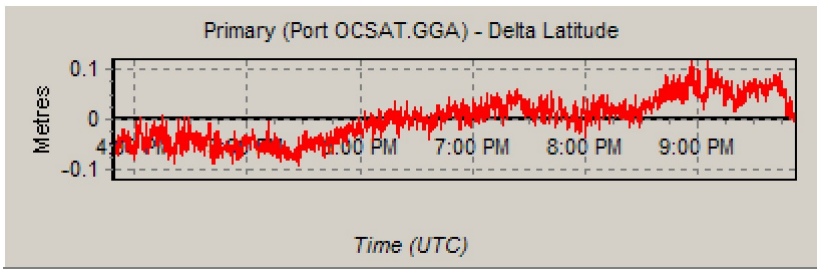
Starboard	-13.704 m
Forward	94.883 m
Up	16.890 m

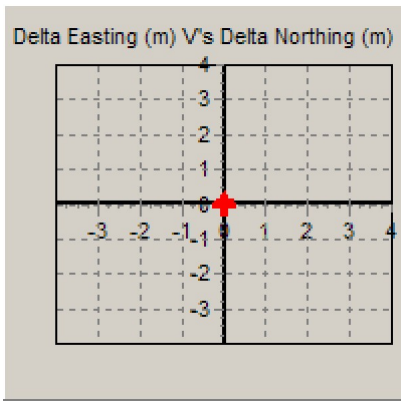
Mean

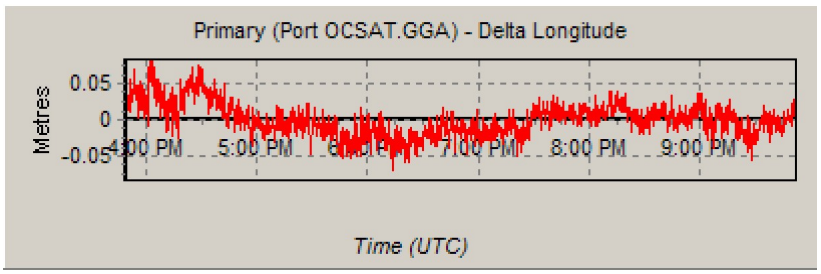
Geodetic Datum	**WGS84**
Latitude	40°29'49.8048"S
Longitude	146°21'38.6700"E
Spheroidal Ht	35.69 m
Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'49.8305"S
Longitude	146°21'38.6585"E
Spheroidal Ht	35.75 m
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445830.455 m
Northing	5516862.578 m
HDOP	0.96
Heading	136.42 °T
Age Of Corrections	12.4 s
Satellites	10

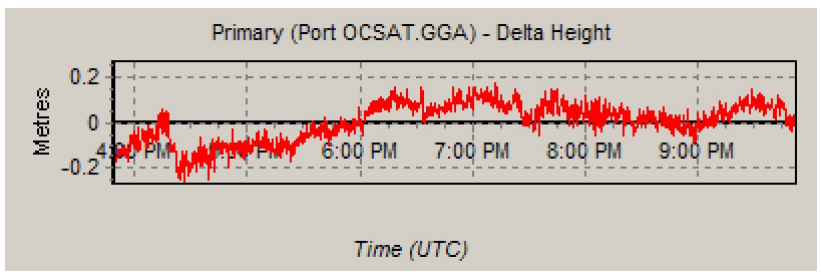
Standard Deviation

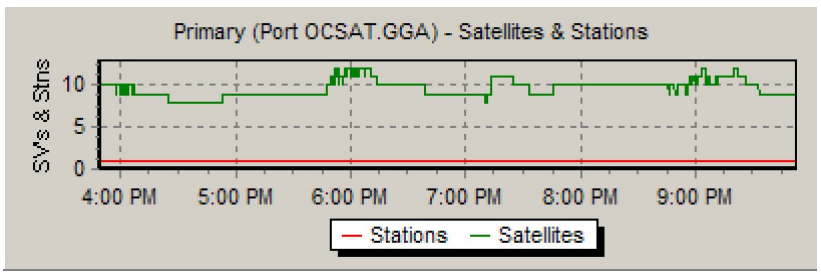
Latitude or Northing	0.04 m
Longitude or Easting	0.02 m
Spheroidal Height	0.09 m
HDOP	0.15
Heading	0.05 °T

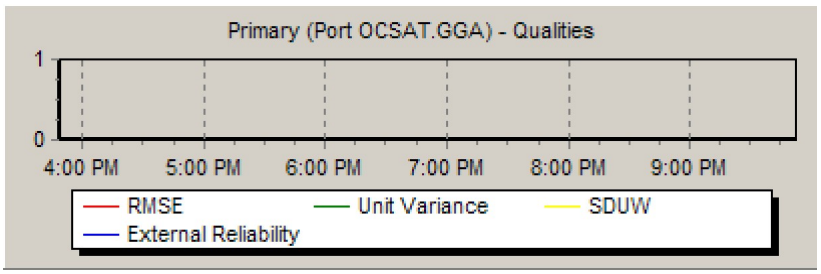

Primary (Port OCSAT.GGA) - Delta Latitude
Metres
0.1
0
-0.1
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Delta Easting (m) V's Delta Northing (m)
4
3
2
1
0
-1
-2
-3
-3
-2
-1
1
2
3
4


Primary (Port OCSAT.GGA) - Delta Longitude
Metres
0.05
0
-0.05
5:00 PM
8:00 PM
9:00 PM
Time (UTC)


Primary (Port OCSAT.GGA) - Delta Height
Metres
0.2
0
-0.2
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Primary (Port OCSAT.GGA) - Satellites & Stations
SVs & Stns
10
5
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Stations
Satellites


Primary (Port OCSAT.GGA) - Qualities
1
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
RMSE
Unit Variance
SDUW
External Reliability

Final Secondary Antenna Position (Stbd APSAT.GGA)
2180 observations used out of a total of 2180

Seconday Antenna Offset from CRP

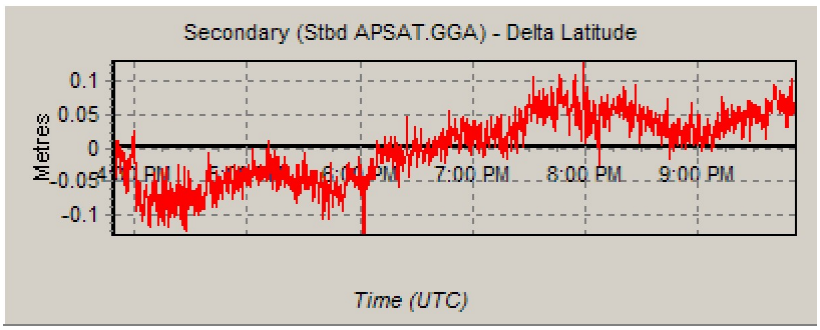
Starboard	13.616 m
Forward	94.893 m
Up	17.040 m

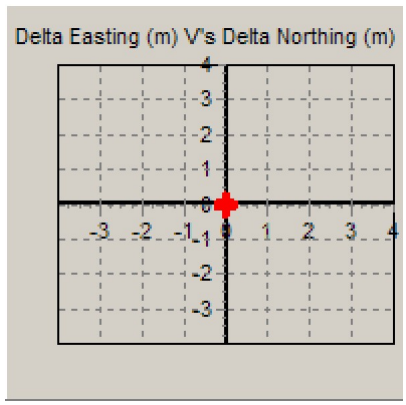
Mean

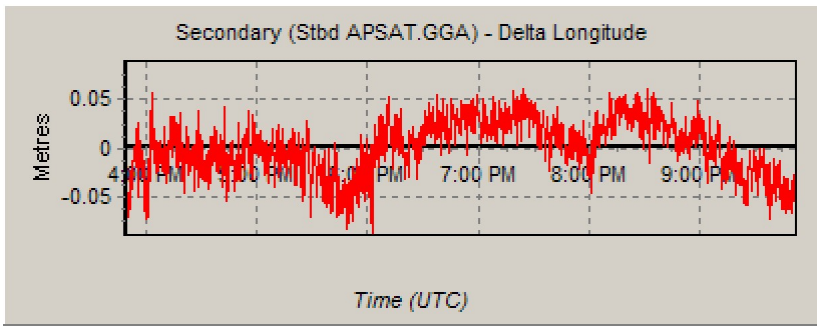
Geodetic Datum	**WGS84**
Latitude	40°29'50.4201"S
Longitude	146°21'37.8376"E
Spheroidal Ht	35.76 m
Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'50.4458"S
Longitude	146°21'37.8260"E
Spheroidal Ht	35.82 m
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445810.998 m
Northing	5516843.464 m
HDOP	0.96
Age Of Corrections	10.4 s
Satellites	10

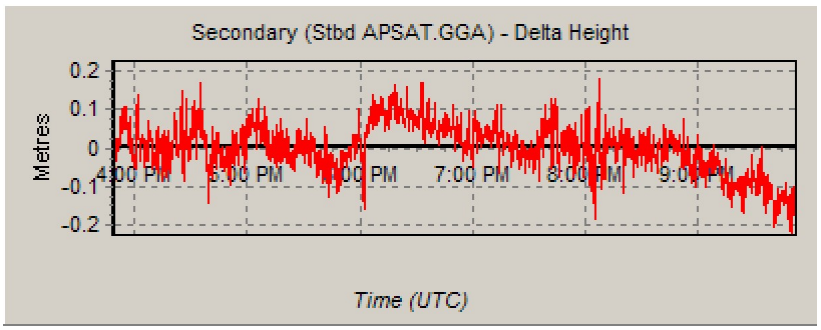
Standard Deviation

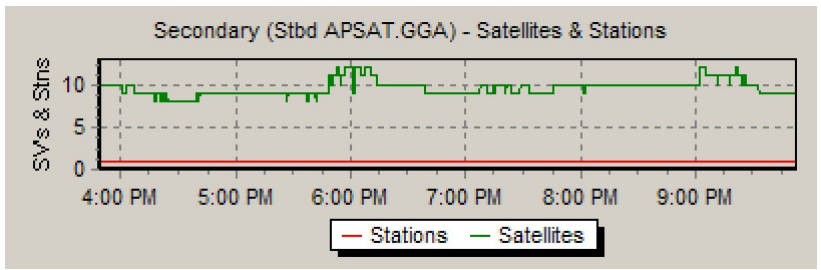
Latitude or Northing	0.05 m
Longitude or Easting	0.03 m
Spheroidal Height	0.06 m
HDOP	0.14

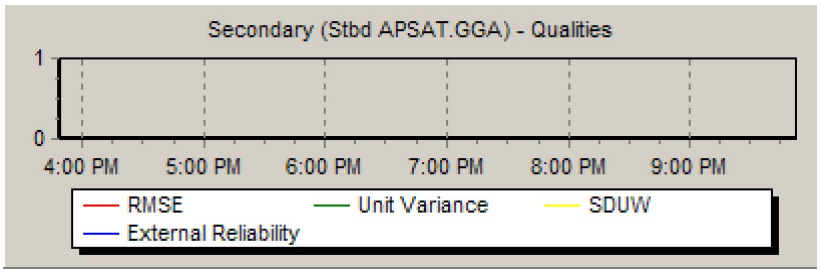


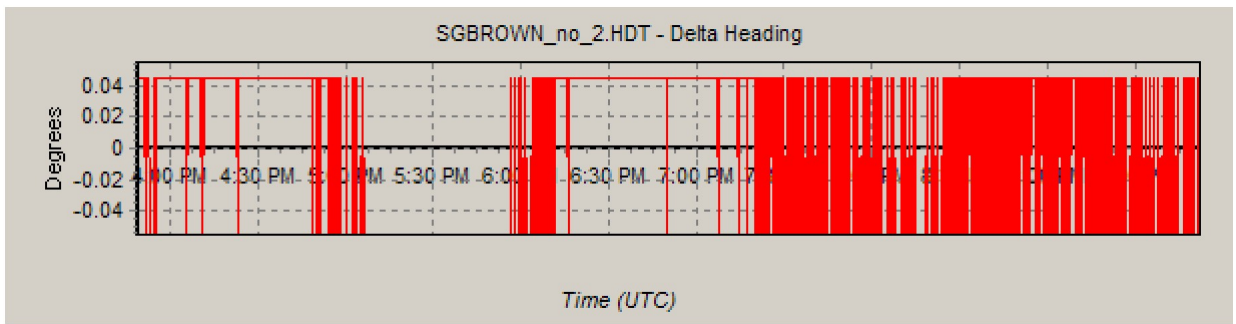





Secondary (Stbd APSAT.GGA) - Delta Height
Metres
0.2
0.1
0
-0.1
-0.2
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Secondary (Stbd APSAT.GGA) - Satellites & Stations
SVs & Stns
10
5
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Stations
Satellites


Secondary (Stbd APSAT.GGA) - Qualities
1
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
RMSE
Unit Variance
SDUW
External Reliability


SGBROWN_no_2.HDT - Delta Heading
Degrees
0.04
0.02
0
-0.02
-0.04
4:30 PM
5:30 PM
6:30 PM
7:00 PM
Time (UTC)

Australian Government

Geoscience Australia

AUSPOS Online GPS Processing Report

Space Geodesy Analysis Centre
Geohazards Division, Geoscience Australia

November 16, 2008

This document is a report of the GPS data processing undertaken by the AUSPOS Online GPS Processing Service. The AUSPOS Online GPS Processing Service uses International GPS Service (IGS) products (final, rapid, ultra-rapid depending on availability) including Precise Orbits, Earth Orientation, Coordinate Solutions (IGS-SSC) to compute precise coordinates in ITRF anywhere on Earth. The Service is designed to process only dual frequency GPS phase data.

The AUSPOS Online GPS Processing Service is a free service and you are encouraged to use it for your projects. However, you may not charge others for this service. Geoscience Australia does not warrant that this service a) is error free; b) meets the customer's requirements. Geoscience Australia shall not be liable to the customer in respect of any loss, damage or injury (including consequential loss, damage or injury) however caused, which may arise directly or indirectly in respect of this service.

An overview of the GPS processing strategy is attached to this report. Please direct email correspondence to geodesy@ga.gov.au

AUSPOS Project Manager

Geohazards Division
Geoscience Australia
Cnr Jerrabomberra and Hindmarsh Drive
GPO Box 378, Canberra, ACT 2601, Australia
Freecall (Within Australia): 1800 800 173
Tel: +61 2 6249 9111. Fax: +61 2 6249 9929
Geoscience Australia Home Page: www.ga.gov.au

Job number: #194754; User: `geoff@btw.co.nz` AUSPOS version 1.01.25

1 User and IGS GPS Data

All antenna heights refer to the vertical distance from the Ground Mark to the Antennna Reference Point (ARP).

User File	Antenna Type	Antenna Height (m)	Start Time	End Time
PEJ1320P.080	DEFAULT(NONE)	0.0000	2008-11-15 15:49:59	2008-11-15 21:50:00

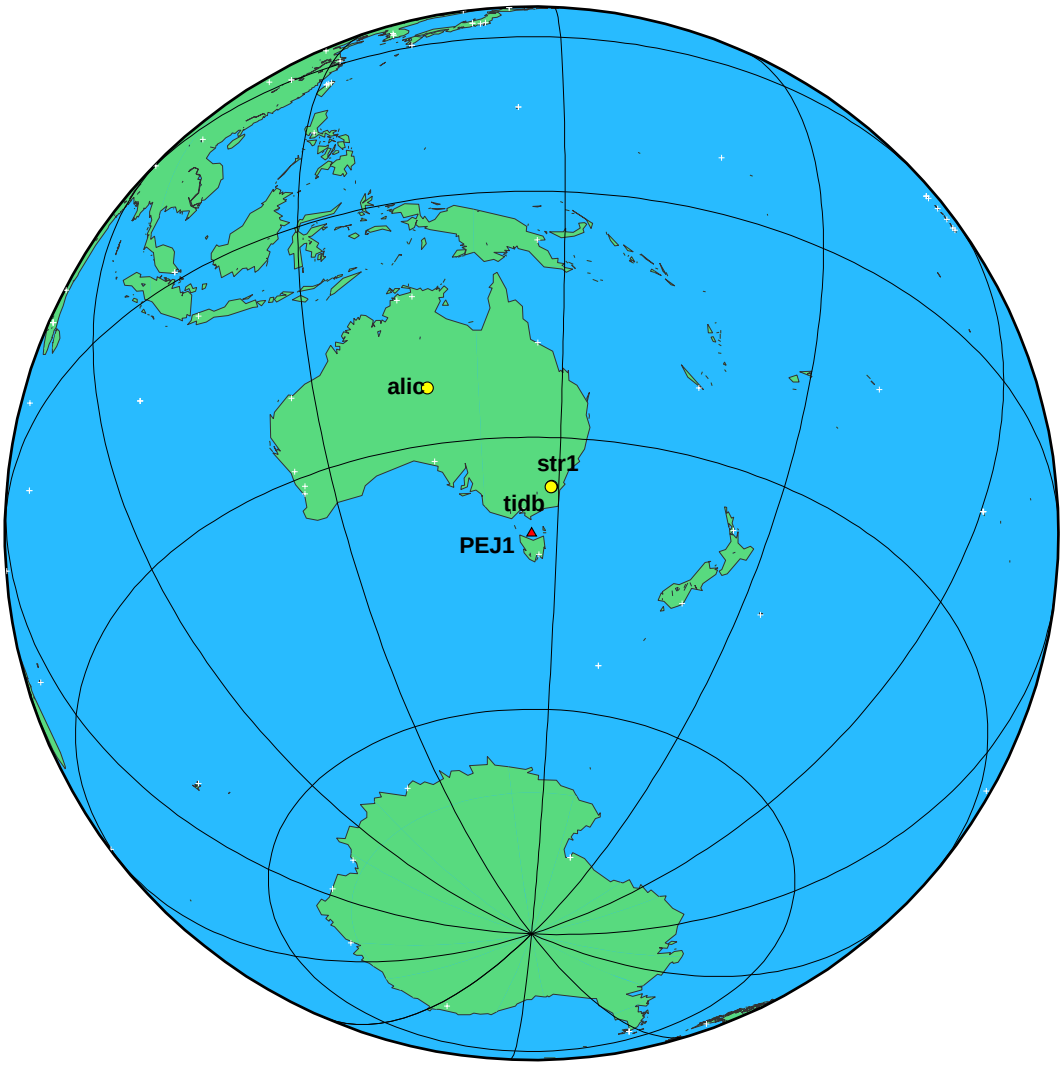


Figure 1: Global View – submitted GPS station(s) and nearby IGS GPS stations used in the processing; triangle(s) represent submitted user data; circle(s) represent the nearest available IGS stations.

2 Processing Summary

Date	IGS Data	User Data	Orbit Type
2008-11-15	tidb str1 alic	PEJ1	IGS Ultra-Rapid

Warning: An IGS Ultra-Rapid orbit product has been used in this computation. For improved results please resubmit approximately 2 days after the observation session end to ensure the use of the IGS Rapid orbit product. For the highest quality coordinates please resubmit approximately 2 weeks after the observation session end to ensure the use of the IGS Final orbit product.

3 Computed Coordinates, GDA94

For Australian users Geocentric Datum of Australia (GDA94, ITRF92@1994.0) coordinates are provided. GDA94 coordinates are determined from ITRF coordinates by an Geoscience Australia (GA) derived coordinate transformation process. GA transformation parameters between ITRF and GDA94 are re-computed weekly, incorporating the latest available tectonic motions (determined from the GA GPS network). GA recommends that users within Australia use GDA94 coordinates. All coordinates refer to the Ground Mark. For general/technical information on GDA94 see www.ga.gov.au/nmd/geodesy/datums/gda.jsp and www.icsm.gov.au/icsm/gda/gdatm/

3.1 Cartesian, GDA94

	X(m)	Y(m)	Z(m)	
tidb	-4460996.066	2682557.136	-3674443.861	GDA94
alic	-4052051.766	4212836.203	-2545106.024	GDA94
str1	-4467102.302	2683039.530	-3666949.979	GDA94
PEJ1	-4043710.615	2690630.793	-4120144.594	GDA94

3.2 Geodetic, GRS80 Ellipsoid, GDA94

The height above the Geoid is computed using the GPS Ellipsoidal height and subtracting a Geoid-Ellipsoid separation. Geoid-Ellipsoidal separations are computed using a bilinear interpolation of the AUSGeoid98 grid. The height above the Geoid is only provided for sites within the AUSGeoid98 extents. For information on AUSGeoid98 see www.ga.gov.au/nmd/geodesy/ausgeoid/

	Latitude(DMS)	Longitude(DMS)	Ellipsoidal Height(m)	Above-Geoid Height(m)	
tidb	-35-23 -57.1560	148 58 47.9845	665.426	646.140	GDA94
alic	-23-40 -12.4460	133 53 7.8478	603.348	587.671	GDA94
str1	-35-18 -55.9395	149 0 36.1798	800.028	780.691	GDA94
PEJ1	-40-29 -49.8319	146 21 38.6591	35.730	36.806	GDA94

3.3 MGA Grid, GRS80 Ellipsoid, GDA94

	East(M)	North(M)	Zone	Ellipsoidal Height(m)	Above-Geoid Height(m)	
tidb	679807.859	6080884.476	55	665.426	646.140	GDA94
alic	386352.398	7381850.770	53	603.348	587.671	GDA94
str1	682726.019	6090110.671	55	800.028	780.691	GDA94
PEJ1	445830.469	5516862.533	55	35.730	36.806	GDA94

4 Computed Coordinates, ITRF2000

All computed coordinates are based on the IGS realisation of the ITRF2000 reference frame, provided by the IGS cumulative solution. All the given ITRF2000 coordinates refer to a mean epoch of the site observation data. All coordinates refer to the Ground Mark.

4.1 Cartesian, ITRF2000

	X(m)	Y(m)	Z(m)	ITRF2000 @
tidb	-4460996.578	2682557.100	-3674443.183	2008/11/15
alic	-4052052.319	4212836.072	-2545105.230	2008/11/15
str1	-4467102.814	2683039.493	-3666949.301	2008/11/15
PEJ1	-4043711.171	2690630.841	-4120143.948	2008/11/15

4.2 Geodetic, GRS80 Ellipsoid, ITRF2000

The height above the Geoid is computed using the GPS Ellipsoidal height and subtracting a Geoid-Ellipsoid separation. Geoid-Ellipsoidal separations, in this section, are computed using a spherical harmonic synthesis of the global EGM96 geoid. More information on the EGM96 geoid can be found at earth-info.nga.mil/GandG/wgsegm/egm96.html

	Latitude(DMS)	Longitude(DMS)	Ellipsoidal Height(m)	Above-Geoid Height(m)
tidb	-35-23 -57.1302	148 58 47.9961	665.376	646.213
alic	-23-40 -12.4186	133 53 7.8651	603.294	587.977
str1	-35-18 -55.9137	149 0 36.1914	799.978	780.733
PEJ1	-40-29 -49.8057	146 21 38.6705	35.683	36.942

5 Solution Information

To validate your solution you should check the :-

i. Antenna Reference Point (ARP) to Ground Mark records;

ii. Apriori Coordinate Updates (valid range is 0.000 - 15.000 m);

iii. Coordinate Precision (valid range is 0.001 - 0.025 m);

iv. Root Mean Square (RMS) (valid range is 0.0005 - 0.0250 m); and

v. % Observations Deleted (valid range is 0 - 25) %;

5.1 ARP to Ground Mark, per day

All heights refer to the vertical distance from the Ground Mark to the Antenna Reference Point (ARP). The Antenna Offsets refer to the vertical distance from the ARP to the L1 phase centre.

	Height(m)	Antenna Offsets(m)			
Station	Up	East	North	Up	yyyy/mm/dd
PEJ1	0.0000	0.0000	0.0000	0.0000	2008/11/15

5.2 Apriori Coordinate Updates - Cartesian, per day

	dX(m)	dY(m)	dZ(m)	yyyy/mm/dd
PEJ1	-0.069	-0.024	-0.035	2008/11/15

5.3 Coordinate Precision - Cartesian, per day

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
PEJ1	0.014	0.014	0.014	2008/11/15

5.4 RMS, Observations, Deletions per day

Data	RMS (m)	# Observations	% Obs. Deleted	Date
tidb	0.0140	7464	4 %	2008-11-15
alic	0.0161	5610	11 %	2008-11-15
str1	0.0136	7301	3 %	2008-11-15
PEJ1	0.0154	13495	8 %	2008-11-15

A GPS Computation Standards

A.1 Measurement Modelling

Observable	Ionosphere corrected L1 double difference carrier phase, Psuedo-range only used for receiver clock estimation, Elevation cut-off 15^o, Sampling rate 30 seconds, Weighting 1.0cm for double difference, elevation dependent 1/sin(E).
Troposphere	Hopfield, Niell mapping function
Preprocessing	Receiver clocks estimated using pseudo-range information
Satellite center of mass correction	Block II x,y,z: 0.2794, 0.0000, 1.0259 m Block IIA x,y,z: 0.2794, 0.0000, 1.2053 m
Satellite Antenna Phase centre calibration	Not applied
Ground Antenna phase centre calibrations	Elevation-dependent phase centre corrections are applied according to the model IGS01, the NGS antenna calibrations are used when the antenna used is not a recognised IGS type. The corrections are given relative to the Dorne Margolin T antenna.
Atmospheric Drag	Jachhia Model
Centre of Mass Correction / Attitude	Nil

A.2 Orbit Modelling

Earth's Gravitational (Static) Potential Model	EGM96 - degree and order 12
Solid Earth Tides (Dynamic) Potential	Love Model
Ocean Tide (Dynamic) Potential	Christodoulidis
Third Body Perturbations	Sun, Moon and Planets Values for physical constants - AU, Moon/Earth mass ratio, GM(moon, sun and planets) from JPL DE403 Planetary Ephemeris.
Direct Solar Radiation Pressure	Rock

A.3 Station Position Modelling and Reference Frame

Precession	IAU76/IERS96
Nutation	IAU80/IERS96 (including epsilon and psi corrections)
Sine terms added to accumulated precession and nutation in Right Ascension	As in IERS TN 21, p. 21
Geodesic Nutation	As in IERS TN 21, P. 37
Polar Motion	IGS Earth Orientation Parameters (Ultra-rapid, Rapid, Final) - apriori
Earth Rotation (UT1)	IGS Earth Orientation Parameters (Ultra-rapid, Rapid, Final) - apriori
Daily and Sub-daily tidal corrections to X, Y and UT1	Applied (IERS2000)
Plate Motion	IGS Cumulative SSC
Planetary and Lunar Ephemeris	JPL DE403
Station Displacement - Solid Earth Tide Loading	Williamson and Diamante (1972) + Wahr (1980) for the frequency dependent elastic response of the Earth's fluid interior.
Station Displacement - Ocean Tide Loading	not applied
Station Displacement - Pole Tide	applied
Station Displacement - Atmosphere Loading	not applied
Reference Frame	IGS Cumulative SSC

APPENDIX C
Calibrations and Checklists

GYRO COMPASS CALIBRATION BY SUN AZIMUTH - CALCULATION SUMMARY

Fugro Job Number:	07066	**Vessel:**	Ocean Patriot
Job Description:	Rig Move from Longtom-4 to Bazzard-1	**Instrument:**	Wild T2
Client:	Australian Drilling Associates	**Serial No:**	252357
Surveyor:	A. Waugh	**Date:**	September 17, 2008
Gyro Compass (Serial No):	SG Brown Gyro 1	**Time Zone :**	10

Vessel Details

	D	M	S
Enter correction from RO to vessel centreline	0°	00 '	00 "

Enter approximate WGS84 position of instrument :

	D	M	S
Latitude (ϕ)	-38 °	06 '	17 "
Longitude (λ)	148 °	20 '	04 "

Observations

Obs. No.	Date	UTC	Instrument Position		Calculated Sun Azimuth at UTC		Observed Direction to Sun				Calc'd Vessel Hdg	Obs'd Vessel Hdg	Sun Semi Diameter	(C-O) Degrees
			Latitude (ϕ) DMS	Longitude (λ) DMS	DMS	Dec. Deg	Deg	Min	Sec	Dec. Deg				
1	17-Sep-08	5:44:43	-038° 06' 17.00"	148° 20' 4.00"	294° 21' 2.48"	294.351 °	269°	34'	56	269.582	24.768 °	319.90 °	0.2657	-295.13 °
2	17-Sep-08	5:45:45	-038° 06' 17.00"	148° 20' 4.00"	294° 09' 9.83"	294.153 °	269°	23'	59	269.400	24.753 °	319.90 °	0.2657	-295.15 °
3	17-Sep-08	5:46:23	-038° 06' 17.00"	148° 20' 4.00"	294° 01' 54.14"	294.032 °	269°	16'	0	269.267	24.765 °	319.90 °	0.2657	-295.13 °
4	17-Sep-08	5:46:50	-038° 06' 17.00"	148° 20' 4.00"	293° 56' 45.08"	293.946 °	269°	10'	56	269.182	24.764 °	319.90 °	0.2657	-295.14 °
5	17-Sep-08	5:47:30	-038° 06' 17.00"	148° 20' 4.00"	293° 49' 7.98"	293.819 °	269°	03'	57	269.066	24.753 °	319.90 °	0.2657	-295.15 °
6	17-Sep-08	5:48:04	-038° 06' 17.00"	148° 20' 4.00"	293° 42' 40.16"	293.711 °	268°	57'	08	268.952	24.759 °	319.90 °	0.2657	-295.14 °
7	17-Sep-08	5:48:39	-038° 06' 17.00"	148° 20' 4.00"	293° 36' 1.62"	293.600 °	268°	50'	32	268.842	24.758 °	319.90 °	0.2657	-295.14 °
8	17-Sep-08	5:49:12	-038° 06' 17.00"	148° 20' 4.00"	293° 29' 46.48"	293.496 °	268°	44'	49	268.747	24.749 °	319.90 °	0.2657	-295.15 °
9	17-Sep-08	5:49:48	-038° 06' 17.00"	148° 20' 4.00"	293° 22' 57.94"	293.383 °	268°	37'	46	268.629	24.753 °	319.90 °	0.2657	-295.15 °
10	17-Sep-08	5:50:12	-038° 06' 17.00"	148° 20' 4.00"	293° 18' 25.97"	293.307 °	268°	32'	49	268.547	24.760 °	319.90 °	0.2657	-295.14 °
11	17-Sep-08	5:50:45	-038° 06' 17.00"	148° 20' 4.00"	293° 12' 12.54"	293.203 °	268°	25'	48	268.430	24.773 °	319.90 °	0.2657	-295.13 °
12	17-Sep-08	5:51:07	-038° 06' 17.00"	148° 20' 4.00"	293° 08' 3.92"	293.134 °	268°	22'	41	268.378	24.756 °	319.90 °	0.2657	-295.14 °
13	17-Sep-08	5:51:34	-038° 06' 17.00"	148° 20' 4.00"	293° 02' 59.17"	293.050 °	268°	17'	46	268.296	24.754 °	319.90 °	0.2657	-295.15 °
14	17-Sep-08	5:52:18	-038° 06' 17.00"	148° 20' 4.00"	292° 54' 43.38"	292.912 °	268°	09'	29	268.158	24.754 °	319.90 °	0.2657	-295.15 °
15	17-Sep-08	5:52:55	-038° 06' 17.00"	148° 20' 4.00"	292° 47' 47.27"	292.796 °	268°	02'	44	268.046	24.751 °	319.90 °	0.2657	-295.15 °
16	17-Sep-08	5:53:15	-038° 06' 17.00"	148° 20' 4.00"	292° 44' 2.66"	292.734 °	267°	58'	48	267.980	24.754 °	319.90 °	0.2657	-295.15 °
17	17-Sep-08	5:53:44	-038° 06' 17.00"	148° 20' 4.00"	292° 38' 37.36"	292.644 °	267°	52'	30	267.875	24.769 °	319.90 °	0.2657	-295.13 °
18	17-Sep-08	5:54:09	-038° 06' 17.00"	148° 20' 4.00"	292° 33' 57.29"	292.566 °	267°	47'	36	267.793	24.773 °	319.90 °	0.2657	-295.13 °
19	17-Sep-08	5:54:30	-038° 06' 17.00"	148° 20' 4.00"	292° 30' 2.29"	292.501 °	267°	43'	56	267.732	24.768 °	319.90 °	0.2657	-295.13 °
20	17-Sep-08	5:54:49	-038° 06' 17.00"	148° 20' 4.00"	292° 26' 29.87"	292.442 °	267°	40'	41	267.678	24.764 °	319.90 °	0.2657	-295.14 °

Mean	**-295.14 °**
Std. Deviation	**0.01**
Maximum	**-295.13 °**
Minimum	**-295.15 °**
Range	**0.02**

Ocean Patriot moored at Pecten East-1. 20 kt winds, 3-4m swell.

Signature

G. Marshall

SURVEYOR / PARTY CHIEF

GYRO COMPASS CALIBRATION BY SUN AZIMUTH - CALCULATION SUMMARY

Fugro Job Number:	07066	**Vessel:**	Ocean Patriot
Job Description:	Rig Move from Longtom-4 to Bazzard-1	**Instrument:**	Wild T2
Client:	Australian Drilling Associates	**Serial No:**	252357
Surveyor:	A. Waugh	**Date:**	September 17, 2008
Gyro Compass (Serial No):	SG Brown Gyro 1	**Time Zone :**	10

Vessel Details

Enter correction from RO to vessel centreline — D: 0° M: 00 ' S: 00 "

Enter approximate WGS84 position of instrument :

	D	M	S
Latitude (ϕ)	-38 °	06 '	17 "
Longitude (λ)	148 °	20 '	04 "

Observations

Obs. No.	Date	UTC	Instrument Position		Calculated Sun Azimuth at UTC		Observed Direction to Sun				Calc'd Vessel Hdg	Obs'd Vessel Hdg	Sun Semi Diameter	(C-O) Degrees
			Latitude (ϕ) DMS	Longitude (λ) DMS	DMS	Dec. Deg	Deg	Min	Sec	Dec. Deg				
1	17-Sep-08	5:44:43	-038° 06' 17.00"	148° 20' 4.00"	294° 21' 2.48"	294.351 °	269°	34'	56	269.582	24.768 °	319.80 °	0.2657	-295.03 °
2	17-Sep-08	5:45:45	-038° 06' 17.00"	148° 20' 4.00"	294° 09' 9.83"	294.153 °	269°	23'	59	269.400	24.753 °	319.80 °	0.2657	-295.05 °
3	17-Sep-08	5:46:23	-038° 06' 17.00"	148° 20' 4.00"	294° 01' 54.14"	294.032 °	269°	16'	0	269.267	24.765 °	319.80 °	0.2657	-295.03 °
4	17-Sep-08	5:46:50	-038° 06' 17.00"	148° 20' 4.00"	293° 56' 45.08"	293.946 °	269°	10'	56	269.182	24.764 °	319.80 °	0.2657	-295.04 °
5	17-Sep-08	5:47:30	-038° 06' 17.00"	148° 20' 4.00"	293° 49' 7.98"	293.819 °	269°	03'	57	269.066	24.753 °	319.80 °	0.2657	-295.05 °
6	17-Sep-08	5:48:04	-038° 06' 17.00"	148° 20' 4.00"	293° 42' 40.16"	293.711 °	268°	57'	08	268.952	24.759 °	319.80 °	0.2657	-295.04 °
7	17-Sep-08	5:48:39	-038° 06' 17.00"	148° 20' 4.00"	293° 36' 1.62"	293.600 °	268°	50'	32	268.842	24.758 °	319.80 °	0.2657	-295.04 °
8	17-Sep-08	5:49:12	-038° 06' 17.00"	148° 20' 4.00"	293° 29' 46.48"	293.496 °	268°	44'	49	268.747	24.749 °	319.80 °	0.2657	-295.05 °
9	17-Sep-08	5:49:48	-038° 06' 17.00"	148° 20' 4.00"	293° 22' 57.94"	293.383 °	268°	37'	46	268.629	24.753 °	319.80 °	0.2657	-295.05 °
10	17-Sep-08	5:50:12	-038° 06' 17.00"	148° 20' 4.00"	293° 18' 25.97"	293.307 °	268°	32'	49	268.547	24.760 °	319.80 °	0.2657	-295.04 °
11	17-Sep-08	5:50:45	-038° 06' 17.00"	148° 20' 4.00"	293° 12' 12.54"	293.203 °	268°	25'	48	268.430	24.773 °	319.80 °	0.2657	-295.03 °
12	17-Sep-08	5:51:07	-038° 06' 17.00"	148° 20' 4.00"	293° 08' 3.92"	293.134 °	268°	22'	41	268.378	24.756 °	319.80 °	0.2657	-295.04 °
13	17-Sep-08	5:51:34	-038° 06' 17.00"	148° 20' 4.00"	293° 02' 59.17"	293.050 °	268°	17'	46	268.296	24.754 °	319.80 °	0.2657	-295.05 °
14	17-Sep-08	5:52:18	-038° 06' 17.00"	148° 20' 4.00"	292° 54' 43.38"	292.912 °	268°	09'	29	268.158	24.754 °	319.80 °	0.2657	-295.05 °
15	17-Sep-08	5:52:55	-038° 06' 17.00"	148° 20' 4.00"	292° 47' 47.27"	292.796 °	268°	02'	44	268.046	24.751 °	319.80 °	0.2657	-295.05 °
16	17-Sep-08	5:53:15	-038° 06' 17.00"	148° 20' 4.00"	292° 44' 2.66"	292.734 °	267°	58'	48	267.980	24.754 °	319.80 °	0.2657	-295.05 °
17	17-Sep-08	5:53:44	-038° 06' 17.00"	148° 20' 4.00"	292° 38' 37.36"	292.644 °	267°	52'	30	267.875	24.769 °	319.80 °	0.2657	-295.03 °
18	17-Sep-08	5:54:09	-038° 06' 17.00"	148° 20' 4.00"	292° 33' 57.29"	292.566 °	267°	47'	36	267.793	24.773 °	319.80 °	0.2657	-295.03 °
19	17-Sep-08	5:54:30	-038° 06' 17.00"	148° 20' 4.00"	292° 30' 2.29"	292.501 °	267°	43'	56	267.732	24.768 °	319.80 °	0.2657	-295.03 °
20	17-Sep-08	5:54:49	-038° 06' 17.00"	148° 20' 4.00"	292° 26' 29.87"	292.442 °	267°	40'	41	267.678	24.764 °	319.80 °	0.2657	-295.04 °

Mean	**-295.04 °**
Std. Deviation	**0.01**
Maximum	**-295.03 °**
Minimum	**-295.05 °**
Range	**0.02**

West Triton at Longtom-4. 10 kt winds, Fine and clear 1m swell.

Signature

G. Marshall

SURVEYOR / PARTY CHIEF

Pre Spud Report

Fugro Job Number	**07066 Pee Jay 1**
Job Name	**West Triton Rig Move**
Fugro Personnel	**G. Marshall - Surveyor in Charge**
	A. Waugh - Surveyor/Technician
Client Name	**ADA**
Client Representative	**R. Rossouw**
Sampling Started	**11 Nov 2008 8:28:40 PM UTC**
Sampling Ended	**11 Nov 2008 9:28:40 PM UTC**
Output File Name	**"316 21 28 40.pdf"**
Comment	**Pre Spud Fix**

West Triton At Pee Jay-1 - Final DGPS Position Fix Summary for DS

DS Offset From CRP

Starboard	0.000 m
Forward	0.000 m
Up	0.000 m

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9007"S
Longitude	146°21'35.4353"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445754.154 m
Northing	5516921.528 m
Final Rig Heading	136.28 °T (Convergence -0.42° Aust/NZ)
Gyro C-O	-295.14 °

DS Position is 4.73 m on a bearing of 52.52 °T (52.10 °G) FROM intended location

Intended Offset / Well Location

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9940"S
Longitude	146°21'35.2760"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445750.426 m
Northing	5516918.626 m

Team Leader / Surveyor: _____

Client Representative : _____

Starfix.Geo Report (v4.01.05)

COORDINATE SYSTEMS

Coordinate System	Coordinate System 1	Coordinate System 2
Datum	AGD84-ITRF2008.50	GDA94-ITRF2008.50
Spheroid	Australian National	GRS80
Semi-Major Axis	6378160.000 m	6378137.000 m
Inverse Flattening	298.2500000000	298.2572221010
Projection	Universal Transverse Mercator	Universal Transverse Mercator
Grid		
Latitude Of Origin	0° 00' 00.00000" N	0° 00' 00.00000" N
Longitude Of Origin	147° 00' 00.00000" E	147° 00' 00.00000" E
False Easting	500000.000 m	500000.000 m
False Northing	10000000.000 m	10000000.000 m
Central Scale Factor	0.9996000000	0.9996000000
Projection Units	metres	metres
Conversion to metres	1.0000000000	1.0000000000
Convergence Convention	Australia/New Zealand	Australia/New Zealand
Geoid Model		

TRANSFORMATION FROM SYSTEM 1 TO SYSTEM 2

7 PARAMETER (COORDINATE FRAME ROTATION)

System 1 to System 2	WGS84 To System 1 AGD84-ITRF2008.50	WGS84 To System 2 GDA94-ITRF2008.50
dX -117.7630 m	117.7804 m	0.0174 m
dY -51.5101 m	51.4617 m	-0.0484 m
dZ 139.0610 m	-139.1645 m	-0.1035 m
rX -0.292000"	0.309554"	0.017554"
rY -0.443000"	0.458065"	0.015065"
rZ -0.277000"	0.295157"	0.018157"
dS -0.191000 ppm	0.194362 ppm	0.003362 ppm

TRANSFORMATION CALCULATIONS

Point Name	Transformation	Transformation
Latitude	38° 25' 02.36960"	38° 24' 56.82130"
Longitude	148° 03' 48.03150"	148° 03' 52.66763"
Spheroidal Height	0.000 m	-7.954 m
Geoid-Spheroid Sep	0.000 m	0.000 m
X	-4246387.994 m	-4246516.966 m
Y	2646914.694 m	2646862.556 m
Z	-3941856.690 m	-3941704.009 m
Easting	592828.621 m	592942.686 m
Northing	5747330.193 m	5747514.697 m
Local Height	0.000 m	-7.954 m
Point Scale Factor	0.9997061190	0.9997063808
Convergence	0° 39' 38.85004" (ANZ)	0° 39' 41.65070" (ANZ)

FUGRO-BTW SEIS Setup for Project 07066 Rig Move to PEEJAY-1 Location for ADA Ltd

Datum 1:	Datum:	GDA94-ITRF2008.50
	Spheroid:	GRS80
	SemiMajor Axis:	6378137.000
	1/Flattening:	298.2572221010
	Eccentricity^2:	0.006694380022901
	Projection:	Universal Transverse Mercator
	Grid Name:	MGA
	Lat. Origin:	0°00'00.0000"N
	Lon. Origin:	147°00'00.0000"E
	False East:	500000.000m
	False North:	10000000.000m
	Scale Factor:	0.9996
	Convergence:	Australia/New Zealand
Datum 2:	Datum:	WGS84
	Spheroid:	WGS84
	SemiMajor Axis:	6378137.000
	1/Flattening:	298.2572235630
	Eccentricity^2:	0.006694379990141

Datum2 1:Parameters: From WGS84 to GDA94-ITRF2008.50

DX:	0.0174m	RX:	0.0176"
DY:	-0.0484m	RY:	0.0151"
DZ:	-0.1035m	RZ:	0.0182"
D Scale:	0.0034ppm	Rot Convention:	+RZ=-RLongitude

Sundry :	Vertical Datum:	PeeJay-1
	Ell. Sep:	-1.077m
	Distances:	Spheroidal
	Bearings:	True
	Units:	metres
	Conversion:	1.0000000000

Nav. 1:	System:	Port OCSAT.GGA (In Use)
	Type:	Lat - Long
	Priority:	1
	Time-out:	5.0s
	Offset Name:	Port_OCSAT
	X Offset:	-13.70m
	Y Offset:	94.88m
	Ant. Height:	16.89m

Nav. 2:	System:	Stbd APSAT.GGA
	Type:	Lat - Long
	Priority:	2
	Time-out:	5.0s
	Offset Name:	Stbd_APSAT
	X Offset:	13.62m
	Y Offset :	94.89m
	Ant. Height :	17.04m

Dead Reckoning: No Timeout: 30.0s

Heading 1 : System: SGBROWN No2.HDT (In Use)
Priority: 1
Time-out: 3.0s
Offset Name: CRP
X Offset: 0.00m
Y Offset: 0.00m
Z Offset: 0.00m
Correction: -295.14 Degrees

Heading 2 : System: SGBROWN No1.HDT
Priority: 2
Time-out: 3.0s
Offset Name: CRP
X Offset: 0.00m
Y Offset: 0.00m
Z Offset: 0.00m
Correction: -295.14 Degrees

Offsets: Name	X	Y	Z
Centre Transom	0.00	4.48	0.00
APSAT (OLD)	-19.44	62.58	16.50
OCSAT (OLD)	-12.35	69.45	16.78
Port_TP	-5.86	79.76	0.00
Centre_TP	-1.10	79.76	0.00
Stbd_TP	5.80	79.76	0.00
DS	0.00	0.00	0.00
Port_Aft_TP	-32.38	4.48	0.00
Stbt_Aft_TP	32.28	4.48	0.00
Port_OCSAT	-13.70	94.88	16.89
Stbd_APSAT	13.62	94.89	17.04
RT	0.00	0.00	14.27

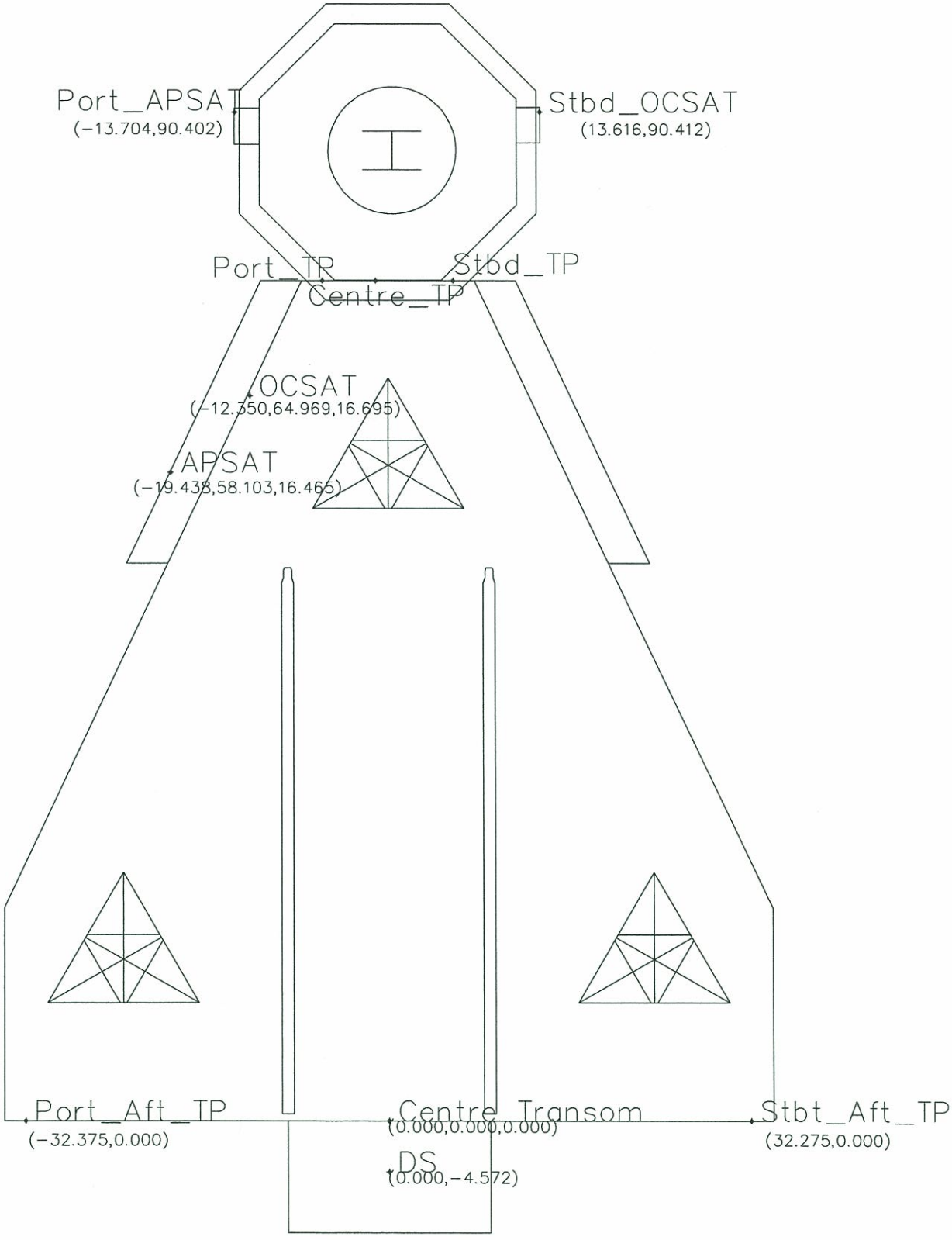
Fairlead:Name	X	Y	Z
Port_Aft	-34.28	18.90	0.00
Stbd_Aft	34.28	18.92	0.00
Stbd_Fwd	10.69	73.46	0.00
Port_Fwd	-10.65	73.55	0.00

Signature: _____
Surveyor in Charge

Signature: _____
Client Representative

APPENDIX D
Vessel Offset Diagram

WEST TRITON


Port_APSAT
(-13.704,90.402)
Stbd_OCSAT
(13.616,90.412)
Port_TP
Stbd_TP
Centre_TP
OCSAT
(-12.350,64.969,16.695)
APSAT
(-19.438,58.103,16.465)
Port_Aft_TP
(-32.375,0.000)
Centre_Transom
(0.000,0.000,0.000)
Stbt_Aft_TP
(32.275,0.000)
DS
(0.000,-4.572)

APPENDIX E
Client Supplied Data

Attachment 10

Jacking Incident Summary

WEST TRITON JACKING INCIDENT AT PEEJAY-1 LOCATION

SEQUENCE OF EVENTS

Date	*Operation*	*Comments*
13th Oct	1600 hrs: West Triton on contract with Beach	
14th Oct	The rig was towed to PeeJay-1 and soft pinned on location at midnight on 14th Oct.	
15th Oct	Pre-loading operations were then conducted till 75% pre load, at 4ft draft, had been achieved on each leg. At this stage penetration on each leg was : Starboard 23m, Bow 27.3m, Port 27.8m	
16th Oct	Commenced pre-loading starboard leg in water, to 100% preload. 0500 hrs: Rapid penetration of starboard leg from 2m draft to 5m draft occurred and two braces at 114m mark on starboard leg failed. Dumped preload to equalise pinion loads and levelled rig at 3m draft.	
17th Oct	Emptied preload tanks and waited at 3m draft for Seadrill management team to arrive and assess damage. Marker readings: Leg: Stbd 126.3m, Bow 126.4m, Port 126.6m Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m	
18th Oct	Standby at 3m draft	
19th Oct	Standby at 3m draft, adjusting legs to compensate for tidal range. MPI inspection of starboard leg revealed no damage on brace welds at level above damage sites.	
20th Oct	Standby at 3m draft, adjusting legs to compensate for tidal range. Released Pacific Valkyrie from main tow bridle and connected Pacific Battler. 1630 hrs: Seadrill management time arrived at rig. 1930 hrs: Commenced jacking and jetting operations in preparation for towing rig to Bazzard-1 location for repairs.	Boats Pacific Valkyrie and Pacific Battler on Seadrill account from 19:30 hrs
21st Oct	Continued jacking operations. 1600 hrs: Commenced rig tow from PeeJay-1 location.	
22nd Oct	Rig under tow to Bazzard-1 location.	

Date	***Operation***	***Comments***
23rd Oct	Rig under tow to Bazzard-1 location. 0600 hrs: Soft pinned and commenced preloading at 2m air gap. Jacked up to an operational air gap of 27m above MSL to facilitate leg repairs. Cleared cantilever and back loaded equipment onto Pacific Battler in preparation for receiving scaffolding and welding equipment.	Pacific Valkyrie off Seadrill account 06:45 hrs Pacific Battler off Seadrill account 19:00 hrs
24th Oct	Continued back loading equipment onto Pacific Battler. Preparations in progress for starboard leg repair. Offloaded scaffolding equipment from MV Calypso Star	
25th Oct	Preparations in progress for starboard leg repair. Installed safety net in starboard leg well. Commenced erection of scaffolding. Offloaded scaffolding equipment from Pacific Valkyrie.	
26th Oct	Preparations in progress for starboard leg repair. Offloaded generators, power boards and replacement leg braces from Pacific Valkyrie. Continued erection of scaffolding.	
27th Oct	Continued erection of scaffolding (lost 8.5 hrs due to weather conditions). Back loaded heli fuel tank onto Pacific Valkyrie.	
28th Oct	Continued erection of scaffolding.	
29th Oct	Continued erection of scaffolding. Commenced cutting out damaged leg members. Lost 5hrs WOW.	
30th Oct	Continued to erect scaffolding. Completed removal of damaged leg members on starboard face of leg Commenced welding in new brace members on starboard face. Lost 3 hrs WOW.	
31st Oct	Continued to build scaffolding for aft face. Fitted all brace members on starboard face.	

Date	*Operation*	*Comments*
1st Nov	Completed scaffolding. Commenced welding starboard brace members and removal of damaged aft members.	
2nd Nov	Making weld repairs on both starboard and aft faces of leg.	
3rd Nov	Continued making weld repairs on aft face of leg. Completed making weld repairs on starboard face of leg. Inspected welds on starboard face of leg.	Attempted to shim derrick but unable to break bolts (waiting on hi torque socket)
4th Nov	Completed making weld repairs on aft face of leg. Continued inspection of welds. Assembled platforms for inspection/repair of leg span breakers. Commenced painting of welds on starboard face of leg. Lost 1.75 hrs WOW.	
5th Nov	Continued inspection and painting of welds. Commenced removal of scaffolding from starboard face of leg. Continued work on platforms for intended span breaker repairs.	Removed tugger from aft leg position and replaced on rig floor.
6th Nov	Continued inspection and painting of welds and removal of scaffolding. Inspected inner welds between leg teeth and chord 'B', as required by ABS.	Completed derrick shimming.
7th Nov	Completed all weld inspections and painting. Removed scaffolding and heli-pad (safety) net. 1700 hrs: Commenced preparations for rig move.	Slipped and cut 85 ft drilling line.
8th Nov	Jacked down rig from 27m to 7m air gap. Seafastened material on deck and sack room. Prepared tow lines.	Boats Pacific Valkyrie and Pacific Battler on Seadrill account from 08:00 hrs.
9th Nov	Lost 13 hrs WOW Connected Battler, lowered hull to 2.5m draft, performed water integrity checks, connected Valkyrie and commenced raising legs. 1730 hrs: Commenced tow to PeeJay-1 location. During tow, inspected welds on span breakers and chord-to-spud can on starboard leg. Prepared platforms for replacement of span breakers on bow and port legs.	

Date	*Operation*	*Comments*
10th Nov	On tow to PeeJay-1 location. Meanwhile, • Completed weld inspection on all three legs on span breakers and chord-to-spud can. • Commenced replacement of span breakers on bow and port legs	
11th Nov	Continued tow to PeeJay-1 location. Meanwhile, • Completed replacement of all six span breakers, 2 on bow and 4 on the port side • Rigged down platforms and associated equipment • Commenced lowering legs while bringing rig in on approach course	
12th Nov	Continued lowering legs and approaching PeeJay-1. 1:20hrs: Rig soft-pinned at PeeJay-1 location Legs were positioned into the previous spud-can holes At this stage penetration on each leg was : Starboard 26.15m, Bow 27m, Port 26.9m Commenced preloading Port leg and applying 100% at 1m draft. 23:00hrs: Rig returned to full operating rate having raised rig to 3m air gap with Port leg preloaded to 100%	

.

Appendix 2

Daily Drilling Reports

Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 1

13 Oct 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$4,387,842
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$4,387,842
Wtr Dpth (MSL)	78m	Days on well	0.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Rig under tow to PeeJay-1		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Rig under tow to PeeJay-1, ETA 21:00 hrs. Position rig and pin down. Connect deep well pumps. Commence pre-loading operations.		

Summary of Period 0000 to 2400 Hrs

Rig under tow to PeeJay-1.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
JSA	22	0 Days		
Muster Drill	1	0 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		Permit to work issued for the day.
Safety Meeting		2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	24	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 13 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M1	1600	1800	2.00	0.0m	***** START OF WELL @ 16:00hrs ON 13th OCTOBER 2008 **** Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 18:00 hrs : Latitude 38 deg 30' S. Longitiude 147 deg 59' E. Total distance travelled 6 nautical miles. Average speed 3 knots. Distance to go 142 nautical miles. ETA = 05:30 hrs 15th October 08
P1	P	M1	1800	2400	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 24:00 hrs : Latitude 38 deg 57' 02" S. Longitiude 147 deg 33' 40" E. Total distance travelled 41 nautical miles. Average speed 5.7 knots. Distance to go 109 nautical miles. ETA = 21:45 hrs 14th October 08

Operations For Period 0000 Hrs to 0600 Hrs on 14 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 06:00 hrs : LAT: 39 deg 20' 16.2" S. LONG: 147 deg 08' 32.740" E. Total distance travelled 70 nautical miles. Average speed 5.3 knots. Distance to go 77 nautical miles. ETA = 21:30 hrs 14th October 08

Phase Data to 2400hrs, 13 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	8	13 Oct 2008	13 Oct 2008	8.00	0.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 13 Oct 2008

Operational Comments	Drill crew concurrently worked on following equipment during tow: 1. opened BOPs and inspect. 2. TDS maintenance. 3. Cement manifold valves rebuild. 4. Mud pit suction valves repair.

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Printed on 27 May 2009

General Comments

Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. Pinion gear has sheared its shaft and broken off. 2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 3) Link tilt clamps slipping on bails - need to rectify this issue. 4) Number 4 main generator down. Exciter and generator sent ashore. 5) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 6) Cyber chair pressure guages for the standpipe & choke manifolds require calibration. 7) Remote controller for Iron Roughneck not operational _ new one on order. 8) Battery charger on Port crane not operational. 9) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 10) Lo-torque valve on cement manifold are of poor quality and cannot be relied on when pressure testing. These valves should be replaced.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	344.0
Rig Fuel	m3	0	5	0	190.0
POTABLE WATER	MT	0	0	0	219.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	2,961.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Seadrill Services.	29
Catering	7
Halliburton	1
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	62

Marine

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Weather on 13 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	11kn	340.0deg	1015.0mbar	19C°	1.0m	160.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
		2210.00klb	1.6m	30.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler			Rig under tow on main tow line to Peejay-1	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		13			369
Potable Water	m3		2			370
Drill Water	m3		0			206
CEMENT G	Mt		0			41
Barite	Mt		0			42
Bentonite	Mt		0			60

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie			Rig under tow on port bow pennant line to Peejay-1	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		6			454
Potable Water	Mt		1			289
Drill Water	m3		0			499
CEMENT G	Mt		0			65
Barite	Mt		0			35
Bentonite	Mt		0			42

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 2

14 Oct 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$752,979
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$5,140,821
Wtr Dpth (MSL)	78m	Days on well	1.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Hold pre load at 30% on Starboard leg.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue with pre-loading operations. Complete pre-loading and hold same. Dump pre-load and jack up to operational air gap. Remove all ocean fastenings. Prepare to skid cantilever.		

Summary of Period 0000 to 2400 Hrs

Rig under tow to PeeJay-1.
Positined rig and soft pinned legs.
Note: On location at 24:00 hrs 14th October 2008.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
JSA	4	0 Days		
Muster Drill	1	1 Day	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		Permit to work issued for the day.
Safety Meeting		3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	17	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 14 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 06:00 hrs : LAT: 39 deg 20' 16.2" S. LONG: 147 deg 08' 32.740" E. Total distance travelled 70 nautical miles. Average speed 5.3 knots. Distance to go 77 nautical miles. ETA = 21:30 hrs 14th October 08
P1	P	M1	0600	1200	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 12:00 hrs : LAT: 39 deg 48' S. LONG: 146 deg 47' E. Total distance travelled 104 nautical miles. Average speed 5.7 knots. Distance to go 43 nautical miles. ETA = 20:00 hrs 14th October 08
P1	P	M1	1200	1930	7.50	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 18:00 hrs : LAT: 40 deg 20' .47" S. LONG: 146 deg 24' 49" E. Total distance travelled 139 nautical miles. Average speed 5.3 knots. Distance to go 11 nautical miles. ETA = 20:12 hrs 14th October 08
P1	P	M1	1930	2000	0.50	0.0m	Disconnected port/bow pennant line from Pacific Valkyrie and connected port/aft pennant line to Pacific Valkyrie.
P1	P	M1	2000	2400	4.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to PeeJay-1 location. Rig position at 24:00 hrs : LAT: 40 deg 29' 47" S. LONG: 146 deg 21' 35" E. Total distance travelled 151 nautical miles. Average speed 4.7 knots. Note: Jacked down legs and tagged bottom. Soft pinned West Triton on PeeJay-1 location at 24:00 hrs. Note: Rig is 9.42m from intended location on a bearing of 50.37 deg. Final Rig Heading is 136.91 deg.

Operations For Period 0000 Hrs to 0600 Hrs on 15 Oct 2008

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Jacked up and removed tension one by one on all legs. Bow 104.3 mtrs - Stbd 104.3 mtrs - Port 108 mtrs
P1	P	M3	0100	0200	1.00	0.0m	Jacked down all legs, initial penetration, Bow 7m, Port 7m, Stbd 7m.
P1	P	M3	0200	0300	1.00	0.0m	Commenced pre loading bow leg to 30% preload.
P1	P	M3	0300	0430	1.50	0.0m	Held preload at 30% on bow leg.
P1	P	M3	0430	0530	1.00	0.0m	Commenced pre loading starboard leg to 30% preload.
P1	P	M3	0530	0600	0.50	0.0m	(IN PROGRESS) Held pre load at 30% on starboard leg.

Phase Data to 2400hrs, 14 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	32	13 Oct 2008	14 Oct 2008	32.00	1.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 14 Oct 2008

Operational Comments	Drill crews continued working on following equipment during tow: 1. BOP inspection, 100% complete, ready for testing. 2. Installed pinion gear on top drive rotating head. 3. Cement manifold valves rebuild. 4. Mud pit suction valves repair. 5. Installed ceramic liners in mud pump #1
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. Pinion gear has sheared its shaft and broken off. 2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 3) Link tilt clamps slipping on bails - need to rectify this issue. 4) Number 4 main generator down. Exciter and generator sent ashore. 5) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 6) Cyber chair pressure guages for the standpipe & choke manifolds require calibration. 7) Remote controller for Iron Roughneck not operational _ new one on order. 8) Battery charger on Port crane not operational. 9) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 10) Lo-torque valve on cement manifold are of poor quality and cannot be relied on when pressure testing. These valves should be replaced.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	344.0
Rig Fuel	m3	0	0	0	190.0
POTABLE WATER	MT	0	0	0	219.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	2,961.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Pumps

Pump Data - Last 24 Hrs

2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Seadrill Services.	29
Catering	7
Halliburton	1
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	62

Marine

Weather on 14 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	11kn	340.0deg	1018.0mbar	11C°	1.0m	160.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2210.00klb	1.6m	30.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Rig under tow on main tow line to Peejay-1

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		40			329
Potable Water	m3		2			365
Drill Water	m3		0			206
CEMENT G	Mt		0			41
Barite	Mt		0			42
Bentonite	Mt		0			60

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Rig under tow on port bow pennant line to Peejay-1

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		29			425
Potable Water	Mt		4			285
Drill Water	m3		0			499
CEMENT G	Mt		0			65
Barite	Mt		0			35
Bentonite	Mt		0			42

Released Pacific Battler at 02:30 hrs. ETA Pilot at 16:00 hrs, alongside at 20:30 hrs. 15/10/08.

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Australian Drilling Associates Pty Ltd ADA

15 Oct 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 3
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$706,479
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$5,847,300
Wtr Dpth (MSL)	78m	Days on well	2.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Rapid penetration of stbd leg with 100% preload. Observed brace intersections sheared in two places on leg. Assess damage and formulate recovery plan.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete pre-loading operations. Dump pre-load and jack-up to operational air gap. Remove all ocean fastenings. Prepare to skid cantilever.		

Summary of Period 0000 to 2400 Hrs

Continued with pre loading operations.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
JSA	4	0 Days		
Muster Drill	1	2 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	5	0 Days		Permit to work issued for the day.
Safety Meeting		4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	12	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 15 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Jacked up and removed tension one by one on all legs. Bow 104.3 mtrs - Stbd 104.3 mtrs - Port 108 mtrs
P1	P	M3	0100	0200	1.00	0.0m	Jacked down all legs, initial penetration, Bow 7m, Port 7m, Stbd 7m.
P1	P	M3	0200	0300	1.00	0.0m	Commenced pre loading bow leg to 30% preload.
P1	P	M3	0300	0430	1.50	0.0m	Held preload at 30% on bow leg.
P1	P	M3	0430	0530	1.00	0.0m	Commenced pre loading starboard leg to 30% preload.
P1	P	M3	0530	0630	1.00	0.0m	Held pre load at 30% on starboard leg.
P1	P	M3	0630	0730	1.00	0.0m	Commenced pre loading port leg to 30% preload.
P1	P	M3	0730	0830	1.00	0.0m	Rapid penetration on Starboard and Port legs. Concurrently breaker tripped and lost power on panel, all engines still on line, reset breaker. Leveled up rig. Rig level: Bow 113.5m, Stbd 112.9m, Port 112.9m. Monitored settlement.
P1	P	M3	0830	0930	1.00	0.0m	Rig level, hold 30% preload for 1 hour. Concurrently raised hull to compensate for rising tide. Rig level: Bow 114.2m, Stbd 113.7m, Port 114.3m.
P1	P	M3	0930	1030	1.00	0.0m	No further settlement observed, commenced pre loading bow leg to 50% preload.
P1	P	M3	1030	1130	1.00	0.0m	Held pre load at 50% on bow leg. No settlement observed.
P1	P	M3	1130	1230	1.00	0.0m	Commenced pre loading starboard leg to 50% preload.
P1	P	M3	1230	1330	1.00	0.0m	Held pre load at 50% on starboard leg. No settlement observed.
P1	P	M3	1330	1430	1.00	0.0m	Commeced pre loading port leg to 50% preload.
P1	P	M3	1430	1530	1.00	0.0m	Held pre load at 50% on port leg.
P1	P	M3	1530	1600	0.50	0.0m	Port and starboard legs settling, lowered legs to level rig. Rig level Bow 115m, Stbd 115.6m, Port 116.3m. Rapid penetration on port leg, lowered port leg. Rig leve: Bow 115m, Stbd 115.6m Port 119.8m.
P1	P	M3	1600	1700	1.00	0.0m	Commenced holding 50% preload for 1 hour. Port leg settling, leveled rig. Rig level: Bow 115m, Stbd 115.6m, Port 120.4m.
P1	P	M3	1700	1800	1.00	0.0m	Commenced holding 50% preload for 1 hour.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	1800	1900	1.00	0.0m	Bow leg settling, lowered leg to level rig. Rig leve: Bow 119.5m, Stbd 115.6m, Port 120.4m. Commenced holding 50% preload for 1 hour.
P1	P	M3	1900	1930	0.50	0.0m	Settlement observed, leveled bow leg prior to holding for 1 hour. Rapid penetration on bow leg, lowered bow leg and leveled rig. Commenced holding for 1 hour with 50% preload.
P1	P	M3	1930	2030	1.00	0.0m	Rapid penetration of starboard leg, leveled rig and held 50% preload for 1 hour. Jacked up 1m. Bow 125.7m, Stbd 119.9m, Port 121.2m. Commenced pre load starboard leg to 75% preload.
P1	P	M3	2030	2130	1.00	0.0m	Held pre load at 75% for 1 hour on starboard leg.
P1	P	M3	2130	2300	1.50	0.0m	Rapid penetration on port leg: Bow 129.9m, Port 125.6m, Stbd 119.9m. Held pre load at 75% for 1 hour on starboard leg. Worked starboard leg up and down.
P1	P	M3	2300	2400	1.00	0.0m	Commenced pre loading port leg to 75% preload. Note: Penetration on legs, with 75% pre load. Stbd 23m, Bow 27.3m, Port 27.8m.

Operations For Period 0000 Hrs to 0600 Hrs on 16 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Held preload at 75% on port leg.
P1	P	M3	0100	0200	1.00	0.0m	Worked starboard leg up and down for 20 minutes. Stopped working starboard leg. Bow 126.6m, Port 127.5m, Stbd 122m. Commenced pre load bow leg to 75% preload.
P1	P	M3	0200	0300	1.00	0.0m	Held preload at 75% on bow leg.
P1	P	M3	0300	0500	2.00	0.0m	Worked starboard leg up and down for 10 minutes. Stopped working starboard leg and commenced pre loading starboard leg to 100% preload.
P1	TP (RE)	M3	0500	0530	0.50	0.0m	Rapid penetration of stbd leg with 100% preload from 2m draft to 5m draft. Observed cross brace intersections sheared in two places on leg 15 ft from main deck level.
P1	TP (RE)	M3	0530	0600	0.50	0.0m	(IN PROGRESS) Conducted a visual survey of adjacent cross braces to assess damage and formulate a forward recovery plan.

Phase Data to 2400hrs, 15 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	56	13 Oct 2008	15 Oct 2008	56.00	2.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 15 Oct 2008

Operational Comments	1. Tested choke and kill manifold and standpipe manifold to 250/5000 psi for 5/5 min. 2. Checked fluid ends on mud pumps #2 and #3. 3. Serviced diverter housing. 4. Completed modification to drain on emergency generator fuel tank. 5. Completed replacement of electrical junction box.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. Pinion gear has sheared its shaft and broken off. 2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 3) Link tilt clamps slipping on bails - need to rectify this issue. 4) Number 4 main generator down. Exciter and generator sent ashore. 5) Emergency generator fuel tank requires modification to drain line (no communication with tank through drain line). 6) Cyber chair pressure guages for the standpipe & choke manifolds require calibration. 7) Remote controller for Iron Roughneck not operational _ new one on order. 8) Battery charger on Port crane not operational. 9) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 10) Lo-torque valve on cement manifold are of poor quality and cannot be relied on when pressure testing. These valves should be replaced.

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	4	0	340.0
Rig Fuel	m3	0	0	0	190.0
POTABLE WATER	MT	10	50	0	179.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	2,961.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Seadrill Services.	29
Catering	7
Halliburton	1
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	62

Marine

Weather on 15 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	11kn	250.0deg	1018.0mbar	12C°	1.1m	280.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2053.00klb	1.3m	280.0deg	6s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		27			302
Potable Water	m3		5			455
Drill Water	m3		0			206
CEMENT G	Mt		0			41
Barite	Mt		0			42
Bentonite	Mt		0			60

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		11			414
Potable Water	Mt		5			280
Drill Water	m3		0			499
CEMENT G	Mt		0			65
Barite	Mt		0			35
Bentonite	Mt		0			42

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Printed on 27 May 2009

Australian Drilling Associates Pty Ltd ADA

16 Oct 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 4
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$671,155
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$6,518,455
Wtr Dpth (MSL)	78m	Days on well	3.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue standing by at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		

Summary of Period 0000 to 2400 Hrs

Continued with pre loading operations.
Rapid penetration of starboard leg with 100% pre load from 2m draft to 5m draft.
Observed cross brace intersections sheared in two places on leg 15 ft from main deck.
Assess damage and formulate a plan on the recovery of rig from punch through situation.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
First Aid Case	1	0 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
JSA	5	0 Days		
Muster Drill	1	3 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		Permit to work issued for the day.
Safety Meeting		5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 16 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Held preload at 75% on port leg.
P1	P	M3	0100	0200	1.00	0.0m	Worked starboard leg up and down for 20 minutes. Stopped working starboard leg. Bow 126.6m, Port 127.5m, Stbd 122m. Commenced pre load bow leg to 75% preload.
P1	P	M3	0200	0300	1.00	0.0m	Held preload at 75% on bow leg.
P1	P	M3	0300	0500	2.00	0.0m	Worked starboard leg up and down for 10 minutes. Stopped working starboard leg and commenced pre loading starboard leg to 100% preload.
P1	TP (RE)	M3	0500	0530	0.50	0.0m	Rapid penetration of stbd leg with 100% preload from 2m draft to 5m draft. Observed cross brace intersections sheared in two places on leg 15 ft from main deck level.
P1	TP (RE)	M3	0530	0800	2.50	0.0m	Conducted a visual survey of adjacent cross braces to assess damage and formulate a forward recovery plan.
P1	TP (RE)	M3	0800	1000	2.00	0.0m	Lowered volume of pre load across rig to equalise pinion load on legs to even pinion load.
P1	TP (RE)	M3	1000	1230	2.50	0.0m	Assessed damage to leg braces
P1	TP (RE)	M3	1230	1330	1.00	0.0m	Draft at all legs 5m. Reduced draft to 3m by dumping preload.
P1	TP (RE)	M3	1330	1530	2.00	0.0m	Seadrill received telephone call from Singapore. Instructions given to dump preload and stay at 3m draft until further notice.
P1	TP (RE)	M3	1530	1800	2.50	0.0m	Pumped out pre load tanks.
P1	TP (RE)	M3	1800	2400	6.00	0.0m	On going stripping of pre load tanks. Note:

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Leg length: Stbd 126.3m, Bow 126.4m, Port 126.6. Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m Draft at 3m.

Operations For Period 0000 Hrs to 0600 Hrs on 17 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0400	4.00	0.0m	Completed stripping of pre load tanks. Note: Leg length: Stbd 126.3m, Bow 126.4m, Port 126.6m Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m Draft at 3m.
P1	TP (RE)	M3	0400	0600	2.00	0.0m	(IN PROGRESS) Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage.

Phase Data to 2400hrs, 16 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	80	13 Oct 2008	16 Oct 2008	80.00	3.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 16 Oct 2008

Operational Comments	1.) Completed work on mud pumps (ceramic liners fitted to mud pump #1) 2.) Pressure tested spare IBOP and grey valve. 3.) House keeping and general maintenance.
Operational Comments	Formulate plan on recovery of rig from punch through situation.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. Pinion gear has sheared its shaft and broken off. 2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order. 3) Link tilt clamps slipping on bails - need to rectify this issue. 4) Number 4 main generator down. Exciter and generator sent ashore. 5) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 6) Remote controller for Iron Roughneck not operational _ new one on order. 7) Battery charger on Port crane not operational. 8) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	4	0	336.0
Rig Fuel	m3	0	15	0	175.0
POTABLE WATER	MT	10	19	0	170.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	2,961.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50		97													
2	National 14	6.50		97													

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Pumps

Pump Data - Last 24 Hrs

								Slow Pump Data									
3	P-220 National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	2
Seadrill	14
Seadrill Services.	21
Catering	5
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	50

Marine

Weather on 16 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	14kn	270.0deg	1017.0mbar	12C°	1.0m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2053.00klb	1.2m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler			Enroute to rig ETA at 09:00 hrs 17/10/08	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	305	8			599
Potable Water	m3		3			452
Drill Water	m3	49	0			255
CEMENT G	Mt	42	0			83
Barite	Mt		0			42
Bentonite	Mt		0			60
Brine	m3	119				119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie			Standby Rig	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		2			412
Potable Water	Mt		6			274
Drill Water	m3		0			499
CEMENT G	Mt		0			65
Barite	Mt		0			35
Bentonite	Mt		0			42

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	15:58 hrs / 16:13 hrs	5 / 17	Fuel not required

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Australian Drilling Associates Pty Ltd ADA

17 Oct 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 5
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$554,613
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$7,073,068
Wtr Dpth (MSL)	78m	Days on well	4.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		

Summary of Period 0000 to 2400 Hrs

Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
First Aid Case	1	1 Day	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
JSA	5	0 Days		
Muster Drill	1	4 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	0	0 Days		Permit to work issued for the day.
Safety Meeting		6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	9	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 17 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0400	4.00	0.0m	Completed stripping of pre load tanks. Note: Leg length: Stbd 126.3m, Bow 126.4m, Port 126.6m Leg Penetration: Stbd 27.25m, Bow 27.35m, Port 27.55m Draft at 3m.
P1	TP (RE)	M3	0400	2400	20.00	0.0m	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage.

Operations For Period 0000 Hrs to 0600 Hrs on 18 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0600	6.00	0.0m	(IN PROGRESS) Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage

Phase Data to 2400hrs, 17 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	104	13 Oct 2008	17 Oct 2008	104.00	4.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 17 Oct 2008

Operational Comments	1.) Serviced rotary table 2.) Checked and serviced all elevators 3.) House keeping and general maintenance.
Operational Comments	West Triton Rig Equipment Concerns

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General Comments

1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency.

2) CTU control panel has leaking valves, pressure regulator valve inoperable. Parts on order.

3) Link tilt clamps slipping on bails - need to rectify this issue.

4) Number 4 main generator down. Exciter and generator sent ashore.

5) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration.

6) Remote controller for Iron Roughneck not operational _ new one on order.

7) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	8	0	328.0
Rig Fuel	m3	0	8	0	167.0
POTABLE WATER	MT	150	42	0	278.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	9	0	2,952.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	14
Seadrill Services.	21
Catering	5
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	50

Marine

Weather on 17 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	250.0deg	1018.0mbar	13C°	0.6m	280.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2152.00klb	1.4m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

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Pacific Battler	09:40 hrs 17/10/08		Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	14	0	0	585
				Potable Water	m3	0	3	180	0	269
				Drill Water	m3	55	0	0	0	310
				Barite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	0	0	60
				Brine	m3	0	0	0	0	119
Pacific Valkyrie			Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	2	0	0	410
				Potable Water	Mt	0	5	0	0	269
				Drill Water	m3	0	0	0	0	499
				CEMENT G	Mt	0	0	0	0	65
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	0	0	42

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Australian Drilling Associates Pty Ltd ADA

18 Oct 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 6
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$262,655
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$7,335,723
Wtr Dpth (MSL)	78m	Days on well	5.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		

Summary of Period 0000 to 2400 Hrs

Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
First Aid Case	1	2 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
JSA	4	0 Days		
Muster Drill	1	5 Days	All personnel muster at alternative muster station.	
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	0	0 Days		Permit to work issued for the day.
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	11	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 18 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	2400	24.00	0.0m	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess damage

Operations For Period 0000 Hrs to 0600 Hrs on 19 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0600	6.00	0.0m	(IN PROGRESS) Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage. Note: Abseilers conducted MPI inspection of starboard leg - no other damage noted on other brace welds. Lowered hull 1m to compensate for tide & wave slap at 22:00 hrs.

Phase Data to 2400hrs, 18 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	128	13 Oct 2008	18 Oct 2008	128.00	5.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 18 Oct 2008

Operational Comments	1.) Re-positioned life rafts 2.) Rigged scaffolding down at shaker house. 3.) Checked status of various outstanding defects. 4.) Welder made and installed guard on stabbing basket. 5.) Changed pressure regulating valve on conductor tensioner unit. 6.) Housekeeping and general maintenance

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Printed on 27 May 2009

General Comments

	7.) Performed shell test against blind/shear rams to 15000 psi, held for 10 min. Good test.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational _ new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	6	0	322.0
Rig Fuel	m3	0	4	0	163.0
POTABLE WATER	MT	0	37	0	241.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	606	0	2,346.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Seadrill Services.	20
Catering	6
Falconer Bryan	1
Go Offshore	5
Total	49

Marine

Weather on 18 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	196.0deg	1009.0mbar	16C°	1.0m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2280.00klb	1.2m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

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Pacific Battler	09:40 hrs 17/10/08		Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	9	0	0	576
				Potable Water	m3	0	3	0	0	266
				Drill Water	m3	0	0	0	0	310
				Barite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	0	0	60
				Brine	m3	0	0	0	0	119

Pacific Valkyrie			Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	4	0	0	406
				Potable Water	Mt	0	5	0	0	264
				Drill Water	m3	0	0	0	0	499
				CEMENT G	Mt	0	0	0	0	65
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	0	0	42

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	14:29 hrs / 14:56 hrs	7 / 8	606 Ltrs of fuel.

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 7

19 Oct 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$265,655
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$7,601,378
Wtr Dpth (MSL)	78m	Days on well	6.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.		

Summary of Period 0000 to 2400 Hrs

Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	Weekly drill.
First Aid Case	1	3 Days	Back strain.	Twisting while using a wash down hose.
JSA	3	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	7	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 19 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	2400	24.00	0.0m	Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage. Note: Abseilers conducted MPI inspection of starboard leg - no other damage noted on other brace welds. Lowered hull 1m to compensate for tide & wave slap at 22:00 hrs.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0230	2.50	0.0m	Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
P1	TP (RE)	M3	0230	0600	3.50	0.0m	(IN PROGRESS) Raised hull from2m to 3m to compensate for tide and wave slap at 02:30 hrs. Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.

Phase Data to 2400hrs, 19 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	152	13 Oct 2008	19 Oct 2008	152.00	6.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 19 Oct 2008

Operational Comments	1.) Abseilers conducted MPI inspection of starboard leg. 2.) Applied wire rope lube to drilling line. 3.) Function checked auto choke valves. 4.) Checked starboard leg bracing for movement every hour. No movement observed. 5.) Checked and function tested stabbing basket. 6.) Housekeeping and general maintenance

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Printed on 27 May 2009

General Comments

Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational - new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	4	0	318.0
Rig Fuel	m3	0	4	0	159.0
POTABLE WATER	MT	8	14	0	235.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	2,346.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Seadrill Services.	20
Catering	6
Falconer Bryan	1
Go Offshore	5
Total	49

Marine

Weather on 19 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	260.0deg	1020.0mbar	11C°	1.6m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		2256.00klb	1.8m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

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Pacific Battler	09:40 hrs 17/10/08		Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	8	0	0	568
				Potable Water	m3	0	3	0	0	263
				Drill Water	m3	0	0	0	0	310
				Barite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	0	0	60
				Brine	m3	0	0	0	0	119
Pacific Valkyrie			Standby Rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	7	0	0	399
				Potable Water	Mt	0	5	0	0	259
				Drill Water	m3	0	0	0	0	499
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	65

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 8

20 Oct 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$244,092
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$7,845,470
Wtr Dpth (MSL)	78m	Days on well	7.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Lower starboard leg to allow access to inspect damaged braces from jacking platform.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete jacking operations. Secure rig for tow back to Bazzard-1 location.		

Summary of Period 0000 to 2400 Hrs

Standby at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
Seadrill Management team arrived onboard at 16:30hrs.
Seadrill Management team conducted initial inspection of damage to starboard leg braces.
Commenced jacking up all legs.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	
First Aid Case	1	4 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
JSA	4	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	14	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 20 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0230	2.50	0.0m	Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
P1	TP (RE)	M3	0230	1030	8.00	0.0m	Raised hull from2m to 3m to compensate for tide and wave slap at 02:30 hrs. Remained at 3m draft whilst waiting on Seadrill Management team to arrive and assess the damage.
P1	TP (RE)	M3	1030	1100	0.50	0.0m	Lowered hull for tide and stopped to release Pacific Valkyrie from forward main tow bridle.
P1	TP (RE)	M3	1100	1630	5.50	0.0m	Connected main tow bridle to Pacific Battler. Lowered hull for tide (out of splash zone) to 4.5m draft, whilst waiting on Seadrill Management team to arrive and assess the damage. Note: RPD Readings AT 14:25 hrs: Stbd leg 123.9m. A=85- B=O - C=85 Bow leg 124.8m. A=35 - B=O - C=6 Port leg 124.3m. A=52 - B=O - C=43
P1	TP (RE)	M3	1630	1700	0.50	0.0m	Seadrill management team arrived onboard at 16:30 hrs.
P1	TP (RE)	M3	1700	1930	2.50	0.0m	Seadrill management team conducted initial inspection of damaged braces on starboard leg, prior to commencing jacking operations.
P1	TP (RE)	M3	1930	2000	0.50	0.0m	Raised legs and lowered rig to 6m draft on all 3 legs.
P1	TP (RE)	M3	2000	2100	1.00	0.0m	Jetted bow leg at 100 spm, 0 psi. Lowered Port and Stbd legs 0.5m, draft at 6m, stopped jacking. Lowered Bow leg to 117.1m, draft 7.5m. Continued jetting Bow leg with 2 mud pumps at 200 spm, 200 psi. Lowered Bow leg 0.5m. Jacked bow leg up. Bow 117.1m, draft at 7.5m.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	2100	2300	2.00	0.0m	Raised Port and Stbd legs to 120.6m. Stopped jacking, draft at 7m. Raised legs to 119.6m and stopped jacking at 118.6m.
P1	TP (RE)	M3	2300	2400	1.00	0.0m	Commenced jetting Stbd leg at 200 spm, 0 psi. Raised leg to 118.9m, draft at 7.5m. Stopped jacking and jetting. Disconnected jetting hose.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0100	1.00	0.0m	Raised legs: Stbd 118.2m, Bow 117.1m, Port 119.7m. Stopped jacking and commenced jetting port leg at 200 spm, 0 psi.
P1	TP (RE)	M3	0100	0200	1.00	0.0m	Raised Port leg 0.5m to 119.1m, draft at 8m and stopped. Raised Stbd leg. All jacking stopped draft Stbd 7.5m, Bow 7m, Port 7.5m. Stopped jetting, disconnected jetting hose from port leg and connected to bow leg. Stbd 116.6m, Bow 116.1m, Port 116.1m. Raised Port leg and stopped at 117.2m.
P1	TP (RE)	M3	0200	0230	0.50	0.0m	Commenced jacking all legs, Stopped jacking. Stbd 114.3m, Bow 113.7m, Port 113.8m. Drafts Stbd 8m, Bow 7.25m, Port 7.25m. Penetrations: Stbd 20m, Bow 19.6m, Port 19.6m. Raised all legs and stopped jacking operations. Leg readings: Stbd 111.3m, Bow 111.1m, Port 110.9m. Penetrations on all legs 17m.
P1	TP (RE)	M3	0230	0500	2.50	0.0m	Connected jetting hose to Stbd leg and commenced jetting at 200 spm, 1170 gpm, 500 psi. Meanwhile connected lower jetting lines to Port and Bow legs.
P1	TP (RE)	M3	0500	0530	0.50	0.0m	Stopped jetting Stbd leg, removed jetting lines. Jacked down all 3 legs. (To allow access to damaged braces on Stbd leg) Leg readings: Stbd 113.4m, Bow 113.4m, Port 113.3m. Draft 4 to 4.5m.
P1	TP (RE)	M3	0530	0600	0.50	0.0m	(IN PROGRESS) Commenced jetting Bow leg at 200 spm, 1170 gpm, 300 psi. Abseilers concurrently commenced inspecting welds on braces below damaged section on Stbd leg.

Phase Data to 2400hrs, 20 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	176	13 Oct 2008	20 Oct 2008	176.00	7.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 20 Oct 2008

Operational Comments	1.) Abseilers conducted MPI inspection of starboard leg. 2.) Checked starboard leg bracing for movement every hour. No movement observed. 3.) Housekeeping and general maintenance. 4.) Commenced jacking operations.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational - new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	318.0
Rig Fuel	m3	0	4	0	155.0

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
POTABLE WATER	MT	8	18	0	225.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	727	0	1,619.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	24
Seadrill Services.	19
Catering	6
Falconer Bryan	1
Go Offshore	5
Total	57

Marine

Weather on 20 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	280.0deg	1020.0mbar	12C°	1.6m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		24555.00klb	1.8m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	09:40 hrs 17/10/08		Standby rig on main tow bridle, ready for tow.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	8	0	0	560
Potable Water	m3	0	6	0	0	260
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Standby rig waiting for tow.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	0	0	392
Potable Water	Mt	0	5	0	0	254
Drill Water	m3	0	0	0	0	499
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS	16:29 hrs / 16:53 hrs	11 / 3	727 Ltrs of fuel.

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Helicopter Movement

	AUSTRALIA PTY LTD			

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Australian Drilling Associates Pty Ltd ADA

21 Oct 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 9
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$143,396
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$7,988,866
Wtr Dpth (MSL)	78m	Days on well	8.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Rig under tow to Bazzard-1		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Rig under tow to Bazzard-1. Position rig and pin down. Commence pre-loading operations.		

Summary of Period 0000 to 2400 Hrs

Completed jacking and jetting operations.
Rig under tow to Bazzard-1 at 16:00 hrs 21/10/08.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	All personnel mustered at life boats.	
First Aid Case	1	5 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	0 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	5	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	17	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0000	0100	1.00	0.0m	Raised legs: Stbd 118.2m, Bow 117.1m, Port 119.7m. Stopped jacking and commenced jetting port leg at 200 spm, 0 psi.
P1	TP (RE)	M3	0100	0200	1.00	0.0m	Raised Port leg 0.5m to 119.1m, draft at 8m and stopped. Raised Stbd leg. All jacking stopped draft Stbd 7.5m, Bow 7m, Port 7.5m. Stopped jetting, disconnected jetting hose from port leg and connected to bow leg. Stbd 116.6m, Bow 116.1m, Port 116.1m. Raised Port leg and stopped at 117.2m.
P1	TP (RE)	M3	0200	0230	0.50	0.0m	Commenced jacking all legs, Stopped jacking. Stbd 114.3m, Bow 113.7m, Port 113.8m. Drafts Stbd 8m, Bow 7.25m, Port 7.25m. Penetrations: Stbd 20m, Bow 19.6m, Port 19.6m. Raised all legs and stopped jacking operations. Leg readings: Stbd 111.3m, Bow 111.1m, Port 110.9m. Penetrations on all legs 17m.
P1	TP (RE)	M3	0230	0500	2.50	0.0m	Connected jetting hose to Stbd leg and commenced jetting at 200 spm, 1170 gpm, 500 psi. Meanwhile connected lower jetting lines to Port and Bow legs.
P1	TP (RE)	M3	0500	0530	0.50	0.0m	Stopped jetting Stbd leg, removed jetting lines. Jacked down all 3 legs. (To allow access to damaged braces on Stbd leg) Leg readings: Stbd 113.4m, Bow 113.4m, Port 113.3m. Draft 4 to 4.5m.
P1	TP (RE)	M3	0530	0730	2.00	0.0m	Commenced jetting Bow leg at 200 spm, 1170 gpm, 300 psi. Abseilers concurrently commenced inspecting welds on braces below damaged section on Stbd leg.
P1	TP (RE)	M3	0730	0930	2.00	0.0m	Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting Bow leg. Lined up to jet Port leg.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Commenced jetting Port leg at 200 spm, 1170 gpm, 500 psi.
P1	TP (RE)	M3	0930	1200	2.50	0.0m	Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting Port leg. Lined up to jet Bow leg. Commenced jetting Bow leg at 200 spm, 1170 gpm, 300 psi. Note: Connected Pacific Valkyrie to Port Bow pennant line at 11.00 hrs.
P1	TP (RE)	M3	1200	1330	1.50	0.0m	Jacked down Stbd leg for access to welds. All stopped Stbd leg at 114.9m. Abseilers continued inspecting welds on braces below damaged section on Stbd leg. Stopped jetting bow leg. Commenced jacking Bow leg 113.4m. All stopped 112.6m. Commenced jacking Bow leg. All stopped Bow leg 114.3m. Commenced jacking Stbd leg 114.9m. All stopped Stbd leg 113.8m.
P1	TP (RE)	M3	1330	1400	0.50	0.0m	Abseilers completed weld inspections. Commenced jacking all legs. Stopped jacking. Stbd 110.8m, Bow 110.9m, Port 110.4m. Drafts Stbd 6m, Bow 6m, Port 6m. Removed jetting hoses from Bow and port legs.
P1	TP (RE)	M3	1400	1500	1.00	0.0m	Resumed jacking on all 3 legs. Stbd 110.8m, Bow 110.9m, Port 110.4m Stopped jacking. Stbd 117.7m, Bow 116.7m, Port 117.3m Note: RPD Readings at 14:56 hrs Stbd A=19 - B =0 - C=12 Bow A=0 - B=19 - C=2 Port A=1 - B=12 - C=0
P1	TP (RE)	M3	1500	1600	1.00	0.0m	Jacking operations commenced. All legs 110m. Penetration 18.4m Sea state 1.5 - 2m, Wind 22 knots, Water depth 76m, Tide 3m = 79m. Rig afloat and all legs clear of seabed at 15:50 hrs.
P1	TP (RE)	M1	1600	1800	2.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig 1 nautical mile off PeeJay-1 location at 16:30 hrs on 21/10/08 Rig position at 18:00 hrs : Latitude 40 deg 26'.1 S. Longitiude 146 deg 23.8" E. Total distance travelled 5.1 nautical miles. Average speed 2.4 knots. Distance to go 144.2 nautical knots. ETA = 02:30 hrs 23rd October 08
P1	TP (RE)	M1	1800	2400	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 24:00 hrs : Latitude 40 deg 4'.0"S. Longitiude 146 deg 40'.0"' E. Total distance travelled 32.8 nautical miles. Average speed 5.4 knots. Distance to go 116.2 nautical miles. ETA = 22:00 hrs 22nd October 08

Operations For Period 0000 Hrs to 0600 Hrs on 22 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 39 deg 34'.3' S. Longitiude 146 deg 56'.3"' E. Total distance travelled 61.6 nautical miles. Average speed 4.4 knots. Distance to go 87.7 nautical miles. ETA = 23:30 hrs 22nd October 08

Phase Data to 2400hrs, 21 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	200	13 Oct 2008	21 Oct 2008	200.00	8.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 21 Oct 2008

Operational Comments	1.) Abseilers completed MPI inspection of starboard leg. 2.) Completed jacking and jetting operations. 3.) Observed 5 x diagonal horizontal support struts bent on Port leg. 4.) Observed 2 x diagonal horizontal support struts bent on Bow leg.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore.

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General Comments

4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration.

5) Remote controller for Iron Roughneck not operational - new one on order.

6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive.

7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	7	0	311.0
Rig Fuel	m3	0	4	0	151.0
POTABLE WATER	MT	4	21	0	208.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	636	0	983.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	16
Seadrill Services.	21
Catering	6
Tamboritha	2
Falconer Bryan	1
Go Offshore	5
Total	53

Marine

Weather on 21 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	280.0deg	1020.0mbar	12C°	1.6m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		24555.00klb	1.8m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Rig under tow on main bridle.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	0	0	0	560
Potable Water	m3	0	0	0	0	260
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83

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				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Bentonite	Mt	0	0	0	0	60
				Brine	m3	0	0	0	0	119

				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Pacific Valkyrie			Rig under tow on port bow pennant line.	Rig Fuel	m3	0	0	0	0	392
				Potable Water	Mt	0	0	0	0	254
				Drill Water	m3	0	0	0	0	499
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	12:53 hrs / 13:18 hrs	4 / 8	636 Ltrs of fuel.

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Australian Drilling Associates Pty Ltd ADA

22 Oct 2008

From: Rocco Rossouw / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 10
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$120,266
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$8,109,132
Wtr Dpth (MSL)	78m	Days on well	9.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	At location, currently positioning rig with Pacific Battler and Pacific Valkyrie.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Position rig and pin down. Commence pre-loading operations. Hold and dump pre-load. Jack rig up to position damaged section of Stbd leg above the top of the Jack House.		

Summary of Period 0000 to 2400 Hrs

Rig under tow to Bazzard-1

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	3 Days	All personnel mustered at life boats.	
First Aid Case	1	6 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	1 Day	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	3	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	15	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 22 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 39 deg 34'.3' S. Longitiude 146 deg 56'.3"' E. Total distance travelled 61.6 nautical miles. Average speed 4.4 knots. Distance to go 87.7 nautical miles. ETA = 23:30 hrs 22nd October 08
P1	TP (RE)	M1	0600	1330	7.50	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 12:00 hrs : Latitude 39 deg 03'.6' S. Longitiude 147 deg 23'.0"' E. Total distance travelled 99.1 nautical miles. Average speed 6.0 knots. Distance to go 50.3 nautical miles. ETA = 19:45 hrs 22nd October 08
P1	TP (RE)	M1	1330	1630	3.00	0.0m	Stopped towing to inspect spud cans with ROV. Jacked down legs from 25m to 35m. ROV in water at 14:00hrs ROV inspected Port and Stbd cans, Apparently no visual damage observed. ROV out of water at 14:45 hrs. Jacked up legs from 35m to 25m.
P1	TP (RE)	M1	1630	1800	1.50	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 18:00 hrs : Latitude 38 deg 50'.31 S. Longitiude 147 deg 38'.7"' E. Total distance travelled 117.3 nautical miles. Average speed 5.0 knots. Distance to go 32.1 nautical miles. ETA = 00:20 hrs 23rd October 08
P1	TP (RE)	M1	1800	2400	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 18:00 hrs : Latitude 38 deg 28'.4 S. Longitiude 148 deg 15'.0"' E. Total distance travelled 145.3 nautical miles. Average speed 3.8 knots.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Distance to go 4.1 nautical miles. ETA = 02:00 hrs 23rd October 08 Note: Commenced jackind down legs at 23:15 hrs. Released Pacific Valkyrie from Port/Stbd bow and connected to Port/Aft Pennant line.

Operations For Period 0000 Hrs to 0600 Hrs on 23 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 38 deg 24'.57 S. Longitude 148 deg 03'.50''' E. Total distance travelled 148.5 nautical miles. Average speed 3.9 knots. Note: At location, currently positioning rig with Pacific Battler and Pacific Valkyrie.

Phase Data to 2400hrs, 22 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	224	13 Oct 2008	22 Oct 2008	224.00	9.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 22 Oct 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational - new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	17	0	294.0
Rig Fuel	m3	0	6	0	145.0
POTABLE WATER	MT	4	24	0	188.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	307	0	676.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax

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Personnel On Board

ADA	2
Seadrill	15
Seadrill Services.	23
Catering	8
Tamboritha	2
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	58

Marine

Weather on 22 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	280.0deg	1020.0mbar	12C°	1.6m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.6deg		24555.00klb	1.8m	280.0deg	11s	Wave and swell heights are estimates.

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Rig under tow on main bridle.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	56	0	0	504
Potable Water	m3	0	6	0	0	254
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Rig under tow on port aft pennant line.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	46	0	0	346
Potable Water	Mt	0	10	0	0	244
Drill Water	m3	0	0	0	0	499
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	12:37 hrs / 13:03 hrs	13 / 8	307 Ltrs of fuel.

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DRILLING MORNING REPORT # 11

23 Oct 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$185,968
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$8,295,100
Wtr Dpth (MSL)	78m	Days on well	10.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Backloading Pacific Battler.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Abseilers rig up lifting sheaves on Stbd leg. Prepare cantilever deck for Stbd leg repair equipment.		

Summary of Period 0000 to 2400 Hrs

Moved rig from PeeJay-1 to Bazzard-1.
Soft pinned rig on Bazzard-1 location.
Jacked and preloaded rig.
Held and dumped preload.
Jacked up rig to opeartional air gap.
Commenced backl loading Pacific Battler.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	All personnel mustered at life boats.	
First Aid Case	1	7 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	2 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	10	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 23 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0600	6.00	0.0m	Rig under tow with Pacific Battler and Pacific Valkyrie to Bazzard-1 location. Rig position at 06:00 hrs : Latitude 38 deg 24'.57 S. Longitude 148 deg 03'.50''' E. Total distance travelled 148.5 nautical miles. Average speed 3.9 knots. Note: At location, currently positioning rig with Pacific Battler and Pacific Valkyrie.
P1	TP (RE)	M1	0600	0700	1.00	0.0m	Jacked down legs and tagged bottom. Soft pinned West Triton on Bazzard-1 location at 06:22 hrs. Distance of Fwd leg from Bazzard-1 is 18.568m. Bearing 318.353 deg. Latitude: 38 deg 24'54. 7211" S Longitude: 148 deg03'50.1428" E Rig Heading: 136.46 deg.
P1	TP (RE)	M3	0700	1700	10.00	0.0m	Jacked up to 2m air gap and commenced preload
P1	TP (RE)	M3	1700	1900	2.00	0.0m	Held preload for 2 hours to confirm stability.
P1	TP (RE)	M3	1900	2030	1.50	0.0m	Dumped preload. Concurrently released Pacific Battler from main tow bridle. Jacked rig down to sea level and then up to the operational air gap of 27m above MSL.
P1	TP (RE)	M7	2030	2400	3.50	0.0m	Commenced backloading equipment from cantilever onto Pacific Battler in preparation for scaffolding and welding equipment.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Oct 2008

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) 1) Back loaded equipment from cantilever onto Pacific Battler. 2) Continued with preparations for Stbd leg repair. 3) Dismantled and removed scaffolding from Aft shaker area. 4) Fabricated base for air winch, required to assist with aft leg repair. 5) Re-instated life rafts back on appropriate stands. 6) Rigged up Stbd side bulk hoses. 7) Spooled new wireline on air winch for leg repair. 8) Offloaded scaffolding equipment from MV Calypso Star.

Phase Data to 2400hrs, 23 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	248	13 Oct 2008	23 Oct 2008	248.00	10.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 23 Oct 2008

Operational Comments	1.) ROV conducted spud can survey on all 3 legs. No obstructions observed. 2.) Spud can penatrations: Stbd 1.87m, Bow 2.67m, Port 2.27m 3.) Prepare to remove port/aft air winch from rig floor to a designated area to assist with Stbd leg repairs.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational - new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	7	0	138.0
POTABLE WATER	MT	4	29	0	163.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	676.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15

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Personnel On Board

Seadrill Services.	23
Catering	8
Tamboritha	2
Falconer Bryan	1
Go Offshore	5
Fugro Survey	2
Total	58

Marine

Weather on 23 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	20.0deg	1016.0mbar	12C°	0.4m	140.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2533.00klb	0.7m	150.0deg	7s	Wave and swell heights are estimates.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks

Pacific Battler — Standby Rig Backloading in progress.

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	17	0	0	487
Potable Water	m3	0	3	0	0	251
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Pacific Valkyrie — Enroute to Geelong

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	35	0	0	311
Potable Water	Mt	0	5	0	0	239
Drill Water	m3	0	0	0	0	499
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

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DRILLING MORNING REPORT # 12

24 Oct 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$262,416
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$8,557,516
Wtr Dpth (MSL)	78m	Days on well	11.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Continue with preparations for leg repair.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Install safety net in Stbd leg well. Scaffolders to commence installing scaffolding on Stbd leg.		

Summary of Period 0000 to 2400 Hrs

Back loaded Pacific Battler.
Continued with preparations for Stbd leg repair.
Removed scaffolding from Aft shaker area.
Fabricated base for air winch, required to assist with aft leg repair.
Offloaded scaffolding equipment from MV Calypso Star.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	All personnel mustered at life boats.	
First Aid Case	1	8 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	3 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	2	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	1) Back loaded equipment from cantilever onto Pacific Battler. 2) Continued with preparations for Stbd leg repair. 3) Dismantled and removed scaffolding from Aft shaker area. 4) Fabricated base for air winch, required to assist with aft leg repair. 5) Re-instated life rafts back on appropriate stands. 6) Rigged up Stbd side bulk hoses. 7) Spooled new wireline on air winch for leg repair. 8) Offloaded scaffolding equipment from MV Calypso Star.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) 1) Continued with preparations for leg repair. 2) Lowered Bow deepwell into sea and re-instated same. 3) Prepared hel-deck safety net for installing in Stbd leg well. 4) Installed safety net in Stbd leg well. 5) Scaffolders commenced installing scaffolding platformon Stbd leg. 6) Re-positioned air winch on Aft/Stbd main deck to assist with Stbd leg repairs. 7) Offloaded scaffolding equipment from Pacific Valkyrie.

Phase Data to 2400hrs, 24 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	272	13 Oct 2008	24 Oct 2008	272.00	11.333	0.0m

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General Comments

00:00 TO 24:00 Hrs ON 24 Oct 2008

Operational Comments	1. Replacement rotor for generator waiting to clear customs. 2. New BOP test mandrel ordered on 24th October 08. 3. Tap and wrenches arrived onboard for link tilt clamp.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Link tilt clamps slipping on bails - need to rectify this issue. 3) Number 4 main generator down. Exciter and generator sent ashore. 4) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 5) Remote controller for Iron Roughneck not operational - new one on order. 6) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 7) Need new BOP test tool mandrel.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	149	7	0	280.0
POTABLE WATER	MT	120	27	0	256.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	676.0

Pumps

Pump Data - Last 24 Hrs								**Slow Pump Data**									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50		97													
2	National 14 P-220	6.50		97													
3	National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	2
Seadrill	14
Catering	8
Seadrill Services	21
K2	3
PPL	1
PPL	1
PPL	1
PPL	1
Oil Patch	8
Total	60

Marine

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Weather on 24 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	20.0deg	1008.0mbar	14C°	0.4m	160.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2015.00klb	0.6m	160.0deg	3s	Wave and swell heights are estimates.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	8	149	0	330
Potable Water	m3	0	3	110	0	138
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Enroute to Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	10	0	0	301
Potable Water	Mt	214	0	0	0	453
Drill Water	m3	234	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	14:21 hrs / 14:044hrs	15 / 13	No fuel required

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 13

25 Oct 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$289,041
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$8,846,557
Wtr Dpth (MSL)	78m	Days on well	12.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparations in place to continue with installation of scaffolding on Stbd leg.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Scaffolders to continue installing scaffolding on Stbd leg.		

Summary of Period 0000 to 2400 Hrs

1) Continued with preparations for leg repair.
2) Lowered Bow deepwell into sea and re-instated same.
3) Prepared hel-deck safety net for installing in Stbd leg well.
4) Installed safety net in Stbd leg well.
5) Scaffolders commenced installing scaffolding platform on Stbd leg.
6) Re-positioned air winch on Aft/Stbd main deck to assist with Stbd leg repairs.
7) Offloaded scaffolding equipment from Pacific Valkyrie.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	6 Days	All personnel mustered at life boats.	
First Aid Case	1	9 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	4 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	2	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	15	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 25 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	1) Continued with preparations for leg repair. 2) Lowered Bow deepwell into sea and re-instated same. 3) Prepared hel-deck safety net for installing in Stbd leg well. 4) Installed safety net in Stbd leg well. 5) Scaffolders commenced installing scaffolding platformon Stbd leg. 6) Re-positioned air winch on Aft/Stbd main deck to assist with Stbd leg repairs. 7) Offloaded scaffolding equipment from Pacific Valkyrie.

Operations For Period 0000 Hrs to 0600 Hrs on 26 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) 1) Offloaded and positioned generators and power boards on cantilever from Pacific Valkyrie. 2) Offloaded replacement leg braces from Pacific Valkyrie. 3) Preparations for ongoing rig repair. 4) Scaffolders continued installing platform on Stbd leg. 5) Seadrill crew assisted with scaffolding on Stbd leg. 6) Welded and MPI air tugger base on main deck at Stbd leg. 7) Rigged tugger line through snatch block on Stbd leg. 8) PPL rigging up and checking cutting equipment. 9) PPL Fitters and Welders arrived onboard.

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Phase Data to 2400hrs, 25 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	296	13 Oct 2008	25 Oct 2008	296.00	12.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 25 Oct 2008

Operational Comments	1. Link tilt clamp on bails fixed. 2. Replacement rotor for generator waiting to clear customs.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	13	0	267.0
POTABLE WATER	MT	10	27	0	239.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	0	0	676.0

Pumps

Pump Data - Last 24 Hrs								**Slow Pump Data**									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50		97													
2	National 14 P-220	6.50		97													
3	National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	2
Seadrill	14
Catering	8
Seadrill Services	21
K2	3
PPL	1
PPL	1
PPL	1
PPL	1
Oil Patch	8
Total	60

Marine

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Weather on 25 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	11kn	20.0deg	1003.0mbar	22C°	1.1m	160.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2035.00klb	0.6m	70.0deg	3s	Wave and swell heights are estimates.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler		16:12 hrs 25/10/08	Enroute to Geelong.	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	0	0	323
Potable Water	m3	0	3	0	0	135
Drill Water	m3	0	0	0	0	310
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	24	0	0	277
Potable Water	Mt	0	10	0	0	443
Drill Water	m3	0	0	0	1	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Offloading scaffolding equipment and stores.

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DRILLING MORNING REPORT # 14

26 Oct 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$271,591
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$9,118,148
Wtr Dpth (MSL)	78m	Days on well	13.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Scaffolders to continue to erect scaffolding and platform on Stbd leg.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Scaffolders to continue to erect scaffolding and platform on Stbd leg.		

Summary of Period 0000 to 2400 Hrs

1) Offloaded and positioned generators and power boards on cantilever from Pacific Valkyrie.
2) Offloaded replacement leg braces from Pacific Valkyrie.
3) Preparations for ongoing rig repair.
4) Scaffolders continued installing platform on Stbd leg.
5) Seadrill crew assisted with scaffolding on Stbd leg.
6) Welded and MPI air tugger base on main deck at Stbd leg.
7) Rigged tugger line through snatch block on Stbd leg.
8) PPL rigging up and checking cutting equipment.
9) PPL Fitters and Welders arrived onboard.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	
First Aid Case	1	10 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	5 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	6	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	18	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 26 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	1) Offloaded and positioned generators and power boards on cantilever from Pacific Valkyrie. 2) Offloaded replacement leg braces from Pacific Valkyrie. 3) Preparations for ongoing rig repair. 4) Scaffolders continued installing platform on Stbd leg. 5) Seadrill crew assisted with scaffolding on Stbd leg. 6) Welded and MPI air tugger base on main deck at Stbd leg. 7) Rigged tugger line through snatch block on Stbd leg. 8) PPL rigging up and checking cutting equipment. 9) PPL Fitters and Welders arrived onboard.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) 1) Backloaded heli fuel tank onto Pacific Valkyrie. 2) Checked status of all lifting slings. 3) Scaffolders continued to erect scaffolding on Stbd leg. 4) Progress to date; Platform = 70%, Towers = 45%, Cantilevers = 0% (Drl Sup own assessment) 5) Stopped operations from 15:00 hrs to 17:00 hrs, due to heavy rain and high winds.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							6) Resumed operations from 17:00 hrs to 17: 30 hrs. 7) Suspended operations again at 17:30 hrs due to high winds 40 to 45 knots. 8) Winds at 24:00 hrs blowing at 44 knots, with gusts up to 50 knots.

Phase Data to 2400hrs, 26 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	320	13 Oct 2008	26 Oct 2008	320.00	13.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 26 Oct 2008

Operational Comments	1. PPL cutting equipment not compatible (imperial/metric), require appropiate fittings. 2. West Triton able to supply two sets to alow cutting work to commence. 3.) Not enough usable cutting sets onboard, will require additonal sets to be sent to rig ASAP.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	17	0	250.0
POTABLE WATER	MT	10	19	0	230.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	0	320	0	356.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Catering	9
Seadrill Services	24
K2	3
PPL	1
PPL	1
PPL	1

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Personnel On Board

PPL	1
PPL	4
PPL	5
Oil Patch	9
Total	75

Marine

Weather on 26 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	70.0deg	1001.0mbar	23C°	1.4m	80.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2045.00klb	0.6m	80.0deg	7s	A strong wind warning is current. A cold front approaching western Bass Strait will reach eastern Bass Strait Monday morning. A high pressure system south of Adelaide on Tuesday will drift over Tasmania to reach the Tasman Sea on Wednesday. Meanwile, a low pressure system will develop near the Bight and move slowly south eastwards. On Thursday this low should deepen and move rapidly to south east past Tasmania as the high in Tasman Sea moves slowly north east.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		16:12 hrs 25/10/08	At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	16	0	0	307
Potable Water	m3	0	3	0	0	132
Drill Water	m3	0	0	150	0	160
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	4	0	0	273
Potable Water	Mt	0	5	0	0	438
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Offloading scaffolding equipment and stores.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	15:30 hrs / 15:51 hrs	16 / 1	320 Ltrs of fuel.

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 15

27 Oct 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$229,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$9,347,969
Wtr Dpth (MSL)	78m	Days on well	14.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparations for scaffolding operations to continue.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Scaffolders continue to erect scaffolding on Stbd leg.		

Summary of Period 0000 to 2400 Hrs

1) Backloaded heli fuel tank onto Pacific Valkyrie.
2) Checked status of all lifting slings.
3) Scaffolders continued to erect scaffolding on Stbd leg.
4) Progress to date; Platform = 70%, Towers = 45%, Cantilevers = 0% (Drl Sup own assessment)
5) Stopped operations from 15:00 hrs to 17:00 hrs, due to heavy rain and high winds.
6) Resumed operations from 17:00 hrs to 17:30 hrs.
7) Suspended operations again at 17:30 hrs due to high winds 40 to 45 knots.
8) Winds at 24:00 hrs blowing at 44 knots, with gusts up to 50 knots.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	
First Aid Case	1	11 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	6 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	13	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 27 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	1) Backloaded heli fuel tank onto Pacific Valkyrie. 2) Checked status of all lifting slings. 3) Scaffolders continued to erect scaffolding on Stbd leg. 4) Progress to date; Platform = 70%, Towers = 45%, Cantilevers = 0% (Drl Sup own assessment) 5) Stopped operations from 15:00 hrs to 17:00 hrs, due to heavy rain and high winds. 6) Resumed operations from 17:00 hrs to 17: 30 hrs. 7) Suspended operations again at 17:30 hrs due to high winds 40 to 45 knots. 8) Winds at 24:00 hrs blowing at 44 knots, with gusts up to 50 knots.

Operations For Period 0000 Hrs to 0600 Hrs on 28 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Scaffolders erected 4 cantilever platforms on Stbd leg scaffolding tower. Extended base platform towards aft side of damaged leg. Commenced building aft tower. Progress (Drl Sup own assessment): Platform = 95%, Towers = 50%, Cantilevers = 20% Continued general maintenance on rig. Performed weekly derrick inspection.

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Printed on 27 May 2009

Phase Data to 2400hrs, 27 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	344	13 Oct 2008	27 Oct 2008	344.00	14.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 27 Oct 2008

Operational Comments	1. Kick plates plus 1.8m cantilever beam required to complete scaffolding. 2. Scaffolders will continue with Aft scaffolding whilst waiting on items to arrive on the MV Calypso Star. 3.) MV Calypso Star to depart at 14:00 hrs, ETA at rig 18:00 hrs. 4.) PPL confirmed welders have sufficient aprons and gloves for PPE. 5.) Fitters will only work in daylight hours. 6.) May not send flood lights out as too cumbersome. Current lighting is ok. 7.) Baking oven coming out on boat (2nd one).
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	4	0	246.0
POTABLE WATER	MT	10	23	0	217.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	litres	3000	0	0	3,356.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50		97													
2	National 14 P-220	6.50		97													
3	National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	2
Seadrill	15
Catering	9
Seadrill Services	24
K2	3
PPL	1
PPL	1
PPL	1
PPL	1

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Personnel On Board

PPL	4
PPL	5
Oil Patch	9
Total	75

Marine

Weather on 27 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	44kn	250.0deg	1008.0mbar	13C°	2.0m	240.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2025.00klb	2.4m	240.0deg	6s	A gale warning remains current. Low pressure in the western Bass Strait will gradually weaken to a trough and move eastwards to be in eastern Bass Strait this evening. A high pressure system south of Adelaide on Tuesday will drift over Tasmania to reach the Tasman Sea on Wednesday.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		16:12 hrs 25/10/08	At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	306
Potable Water	m3	109	3	0	0	238
Drill Water	m3	140	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	5	0	0	268
Potable Water	Mt	0	5	0	0	433
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Offloading scaffolding equipment and stores.

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 16

28 Oct 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$223,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$9,571,790
Wtr Dpth (MSL)	78m	Days on well	15.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparing to continue with scaffolding operations.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue building cantilever platforms off the scaffolding tower on the stbd side to allow the start of cutting of damaged braces.		

Summary of Period 0000 to 2400 Hrs

Scaffolders erected 4 cantilever platforms on Stbd leg scaffolding tower, extended base platform and commenced building aft tower.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	
First Aid Case	1	12 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	7 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	5	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	10	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 28 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	Scaffolders erected 4 cantilever platforms on Stbd leg scaffolding tower. Extended base platform towards aft side of damaged leg. Commenced building aft tower. Progress (Drl Sup own assessment): Platform = 95%, Towers = 50%, Cantilevers = 20% Continued general maintenance on rig. Performed weekly derrick inspection.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	Offloaded scaffolding and other supplies from Calypso Star. Ongoing rig maintenance.

Phase Data to 2400hrs, 28 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	368	13 Oct 2008	28 Oct 2008	368.00	15.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 28 Oct 2008

Operational Comments	1) MV Calypso Star arrived rig at 23:29hrs and departed 01:50 hrs after offloading supplies. 2) Fitters will only work in daylight hours. 3) Welding machines connected up & ready for service. 4) Scaffolders working daylight hours only.

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General Comments

Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	2	0	244.0
POTABLE WATER	MT	10	20	0	207.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	857	3356	2,499.0

Pumps

Pump Data - Last 24 Hrs								**Slow Pump Data**									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50		97													
2	National 14 P-220	6.50		97													
3	National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	2
Seadrill	16
Catering	9
Seadrill Services	24
K2	2
PPL	1
PPL	1
PPL	1
PPL	4
PPL	10
Oil Patch	9
ABS	1
Ctaylor	1
Total	81

Marine

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Weather on 28 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	250.0deg	1018.0mbar	13C°	0.6m	240.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2018.00klb	1.0m	240.0deg	7s	Winds easing and tending Easterly overnight as the high moves east. A low pressure system approaches from the Bight on Wednesday, tightening the gradient between it and the high pressure system retreating into the Tasman Sea. Expect fresh to strong ENE winds Thursday backing WSW to Westerly by Friday behind the low/trough. Winds easing for a period Saturday before strengthening again from the East later.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	305
Potable Water	m3	109	3	0	0	235
Drill Water	m3	140	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	3	0	0	265
Potable Water	Mt	0	5	0	0	428
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BYT	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	12:41 hrs / 13:12 hrs	10 / 16	857 Ltrs of fuel.

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DRILLING MORNING REPORT # 17

29 Oct 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$234,321
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$9,806,111
Wtr Dpth (MSL)	78m	Days on well	16.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparations for cutting and removal of leg cross members.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue to cut and remove leg cross members.		

Summary of Period 0000 to 2400 Hrs

Continued scaffolding aft starboard leg section. Cut first upper diagonal cross member. Welded pad eyes to other members prior to cutting and removal.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	
First Aid Case	1	13 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	8 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	4	0 Days		
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	24	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 29 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	Offloaded scaffolding and other supplies from Calypso Star. Ongoing rig maintenance.
P1	TP (RE)	M7	0600	1900	13.00	0.0m	Scaffolders erected 1 cantilever platform on Stbd leg scaffolding tower. Continued building aft tower. Progress (Drl Sup own assessment): Platform = 100%, Towers = 85%, Cantilevers = 35%. Welded padeyes (inspected) on to upper first diagonal cross member. Completed both cuts on upper diagonal cross member. Prepared to lift clear with crane. Observed wind speed in excess of 40 knots.
P1	TP (RE)	M7	1900	2400	5.00	0.0m	Unable to continue with removal of cross member due to 40 knot wind gusting 45 knots. Welded padeyes onto all horizontal and diagonal members to be cut to aid removal. Continued to observe wind speed to work crane. Wind speed at 20:00 hrs = 40 knots, 22:00 hrs = 40 knots, 00:00 hrs = 40 knots.

Operations For Period 0000 Hrs to 0600 Hrs on 30 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0300	3.00	0.0m	Wait on weather due to winds in excess of 40 knots.
P1	TP (RE)	M7	0300	0600	3.00	0.0m	Winds eased at 03:00 hrs. Crane assisted removal of leg cross member. Continued preparation to cut and remove leg cross members.

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Phase Data to 2400hrs, 29 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	392	13 Oct 2008	29 Oct 2008	392.00	16.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 29 Oct 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Installed extra lighting around starboard aft leg worksite. 3) Installed tarpaulins around scaffolding 4) Scaffolders working daylight hours only.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	8	0	236.0
POTABLE WATER	MT	0	23	10	194.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	2
Seadrill	16
Catering	9
Seadrill Services	24
K2	2
PPL	1
PPL	1
PPL	1
PPL	4
PPL	10
Oil Patch	9
ABS	1
Ctaylor	1

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Personnel On Board

Total	81

Marine

Weather on 29 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	41kn	90.0deg	1011.0mbar	15C°	1.4m	70.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1986.00klb	2.1m	70.0deg	7s	A strong wind warning is current. A low in the Bight should move rapidly towards south east to Tasmania during the next 24 hours. Fresh to strong NEasterly winds on Thursday. The low should move south east of Tasmania during Friday, as an associated front moves across eastern Bass Strait early on Friday. A high will move south of WA during Friday, and extend a ridge to Tasmania. Winds shifting fresh to strong W/SW on Friday.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	304
Potable Water	m3		3	0	0	232
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	4	0	0	265
Potable Water	Mt	0	5	0	0	423
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

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DRILLING MORNING REPORT # 18

30 Oct 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$247,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$10,053,932
Wtr Dpth (MSL)	78m	Days on well	17.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Finished welding horizontal cross member at 04:00 hrs. Preparing to install diagonal cross members for welding in place.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue to prepare and weld all diagonal cross members in place on starboard side of starboard aft leg. Continue with scaffolding operations on aft side of leg.		

Summary of Period 0000 to 2400 Hrs

WOW until 03:00 hrs. Cut and laid out all cross members on starboard side of starboard aft leg. Prepared to install new horizontal cross member. Welded cross member in place on starboard side. Continued with scaffolding operations on aft side of leg.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	
First Aid Case	1	14 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	9 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	7	0 Days		
Man Overboard	1	1 Day	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	3	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	21	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 30 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0300	3.00	0.0m	Wait on weather due to winds in excess of 40 knots.
P1	TP (RE)	M7	0300	0600	3.00	0.0m	Winds eased at 03:00 hrs. Crane assisted removal of leg cross member. Continued preparation to cut and remove leg cross members.
P1	TP (RE)	M7	0600	1700	11.00	0.0m	Cut, removed and laid out all cross members and bracings (7 pce) on starboard side of starboard aft leg using starboard crane. Continued scaffolding operations on aft side of leg.
P1	TP (RE)	M7	1700	2130	4.50	0.0m	Prepared to install horizontal cross member on starboard side of starboard aft leg. Crane lifted cross member into position and made final adjustments.
P1	TP (RE)	M7	2130	2400	2.50	0.0m	Welding 40% completed at midnight.

Operations For Period 0000 Hrs to 0600 Hrs on 31 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0400	4.00	0.0m	Completed welding on hrizontal cross member on starboard side of starboard aft leg.
P1	TP (RE)	M7	0400	0600	2.00	0.0m	Waited on daylight to re-commence installation and welding of diagonal cross members. Meanwhile prepared backload and continued rig maintenance.

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Phase Data to 2400hrs, 30 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	416	13 Oct 2008	30 Oct 2008	416.00	17.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 30 Oct 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Scaffolders working daylight hours only. 3) Welders to work split shifts to cover 24 hr operations. 4) Prepared cut sections to be backloaded for ABS inspection.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	11	0	225.0
POTABLE WATER	MT	0	24	10	180.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	2,499.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	9
Seadrill Services	26
K2	2
PPL	1
PPL	1
PPL	1
PPL	4
PPL	10
Oil Patch	8
ABS	1

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Australian Drilling Associates Pty Ltd ADA

Personnel On Board

Total	80

Marine

Weather on 30 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	30.0deg	997.0mbar	26C°	1.0m	70.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1956.00klb	1.3m	70.0deg	7s	A strong wind warning is current. The low south of Mount Gambier will pass just south of Tasmania during Friday morning. A ridge will quickly push through Bass Strait. During Sunday a mid-level trough, currently close to the west coast of WA, will produce a surface trough over South Australian waters with a low developing rapidly in that trough before passing south of Bazzard on Monday. The next ridge is expected to lie across southern Victoria by late Tuesday, but another low should push it eastwards.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	303
Potable Water	m3		2	0	0	232
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	10	0	0	255
Potable Water	Mt	0	5	0	0	418
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BYT	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	09:48 hrs / 09:58 hrs	8 / 7	

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 19

31 Oct 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$229,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$10,283,753
Wtr Dpth (MSL)	78m	Days on well	18.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Welding on upper diagonal braces on cords A & B, 85% complete.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete welding on upper diagonal braces on cords A & B. Install and fit lower leg bracings on starboard side. Commence welding of lower braces. Complete scaffolding cantilevers on aft side of leg. Commence cutting and removing damaged leg braces on aft side of starboard aft leg.		

Summary of Period 0000 to 2400 Hrs

Prepared upper diagonal leg braces on deck. Fitted upper diagonal braces on cords A & B. Commenced welding braces: 40% complete.
Continued scaffolding cantilevers on aft side (60% complete).

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	All personnel mustered at life boats.	
First Aid Case	1	15 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	10 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	9	0 Days		
Man Overboard	1	2 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	10	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 31 Oct 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0400	4.00	0.0m	Completed welding on hrizontal cross member on starboard side of starboard aft leg.
P1	TP (RE)	M7	0400	0600	2.00	0.0m	Waited on daylight to re-commence installation and welding of diagonal cross members. Meanwhile prepared backload and continued rig maintenance.
P1	TP (RE)	M7	0600	1100	5.00	0.0m	Fitters and welders measured, cut and prepared all diagonal braces and span breakers prior to installation on starboard side of starboard aft leg. Scaffolders continued building aft scaffold cantilever sections.
P1	TP (RE)	M7	1100	1800	7.00	0.0m	Moved top 2 diagonal braces into position. Fitted and installed in place with welding and grinding ops. Continued to build aft scaffold cantilevers (60% built at 18:00 hrs).
P1	TP (RE)	M7	1800	2400	6.00	0.0m	Continued fitting upper diagonal braces on cords B & A. Fitting took slightly longer due to 40 knot winds directly onto starboard aft leg. Welded firstly upper diagonal brace on cord B while continuing to fit upper diagonal brace on cord A (40% complete at 00:00 hrs).

Operations For Period 0000 Hrs to 0600 Hrs on 01 Nov 2008

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	Completed welding upper diagonal leg braces on cords B and A, starboard aft leg. 85% completed. Allow controlled cooling down, 85% completed.

Phase Data to 2400hrs, 31 Oct 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	440	13 Oct 2008	31 Oct 2008	440.00	18.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 31 Oct 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Scaffolders working daylight hours only. 3) Welders to work split shifts to cover 24 hr operations. 4) Prepared cut sections to be backloaded for ABS inspection. 5) Seadrill crew working on derrick alignment. Preparing to install shims. 6) Calypso arr. location at 10:45 hrs, left location at 11:50 hrs. 7) Fitting of leg braces delayed by 40 knot Westerly winds directly onto starboard aft leg.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	6	0	219.0
POTABLE WATER	MT	0	21	10	169.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	9
Seadrill Services	26
K2	2
PPL	1

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Personnel On Board

PPL	1
PPL	1
PPL	4
PPL	10
Oil Patch	8
ABS	1
Total	80

Marine

Weather on 31 Oct 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	27kn	270.0deg	1011.0mbar	13C°	0.7m	240.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1941.00klb	2.1m	240.0deg	7s	A high pressure system to the south of Western Australia will pass over Tasmania later Saturday as another low forms to the west of the State. The low will deepen and move to the southeast as an associated trough passes across Victoria on Sunday bringing fresh E/NE winds. The trough followed by a front are expected to move across east Bass Strait on Monday bringing a fresh W/SW change as a low develops in the Tasman Sea. Winds becoming strong southerly on Tuesday morning but easing to moderate S/SE in evening as another strong ridge approaches from the west.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	302
Potable Water	m3		2	0	0	228
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	3	0	0	252
Potable Water	Mt	0	5	0	0	413
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 20

01 Nov 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$235,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$10,519,574
Wtr Dpth (MSL)	78m	Days on well	19.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Main horizontal brace between cords B & C welded in place. Continuing welding passes on diagonal bracings between cords A & B.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Cut, install and weld diagonal bracings aft between cords B & C. Commence UT inspection on welds.		

Summary of Period 0000 to 2400 Hrs

Continued welding upper diagonal braces between cords A & B. Cut and removed all aft bracings. All scaffolding work completed. Installed lower diagonal braces between cords A & B. Installed and fitted new main horizontal bracing.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	3 Days	All personnel mustered at life boats.	
First Aid Case	1	16 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	11 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	3 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	18	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 01 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	Completed welding upper diagonal leg braces on cords B and A, starboard aft leg. 85% completed. Allow controlled cooling down, 85% completed.
P1	TP (RE)	M7	0600	1100	5.00	0.0m	Rigged up to remove cut braces from aft side of leg. Scaffolders continued building aft scaffolding (3 x cantilevers).
P1	TP (RE)	M7	1100	1700	6.00	0.0m	Cut and removed horizontal and diagonal braces on aft side of starboard aft leg (cord B). Braces (4 pce) lowered to aft side of leg with tugger and chain blocks. Crane able to remove braces from starboard side of cord B. Installed lower diagonal braces between cords A & B. All aft scaffolding cantilevers 100% finished by 14:30 hrs.
P1	TP (RE)	M7	1700	2030	3.50	0.0m	Cut and removed horizontal and diagonal braces on port side of aft starboard leg (cord C). Braces (3 pce) laid out and removed form aft side of leg using tugger, chain block and picked up by crane.
P1	TP (RE)	M7	2030	2200	1.50	0.0m	Prepared cut ends for welding main horizontal brace. Cut and prepared main horizontal brace for cords CB on cantilever deck.
P1	TP (RE)	M7	2200	2400	2.00	0.0m	Installed main horizontal brace for cords CB. Fitted brace in place ready for welding at 24:00 hrs.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP	M7	0000	0430	4.50	0.0m	Welded main horizontal brace between cords B & C on aft side of starboard aft leg.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	(RE) TP (RE)	M7	0430	0600	1.50	0.0m	Continued welding passes on diagonal braces between cords A & B.

Phase Data to 2400hrs, 01 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	464	13 Oct 2008	01 Nov 2008	464.00	19.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 01 Nov 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Welders working split shifts to cover activities. 3) Prepared cut sections to be backloaded for ABS inspection. 4) Seadrill crew working on derrick alignment. Installation of shims. 5) Valkyrie alongside at 09:00 hrs for pot water.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	294.0
Rig Fuel	m3	0	5	0	214.0
POTABLE WATER	MT	210	19	0	360.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	9
Seadrill Services	26
K2	2
PPL	1
PPL	1

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Australian Drilling Associates Pty Ltd ADA

Personnel On Board

PPL	1
PPL	4
PPL	10
Oil Patch	8
ABS	1
Total	80

Marine

Weather on 01 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	33kn	120.0deg	1017.0mbar	14C°	1.6m	70.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2121.00klb	1.8m	70.0deg	7s	Expect rain periods and isolated thunderstorms from late Sunday becoming showery on Monday afternoon and clearing overnight. A low pressure system near the Bight will deepen and move southeastwards on Sunday with an associated trough developing across Victoria. The low will move to southern Victoria by Sunday night then east of Bass Strait on Monday and deepen rapidly. This will bring cold, strong southerly airflow off the east coast of Tasmania and across the east Bass Strait.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	2	0	0	300
Potable Water	m3		2	0	0	226
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	0	0	245
Potable Water	Mt	0	5	185	0	223
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

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DRILLING MORNING REPORT # 21

02 Nov 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$241,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$10,761,395
Wtr Dpth (MSL)	78m	Days on well	20.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Continue welding on aft side diagonal braces between cords B & C.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue welding on aft diagonal braces between cords B & C. Continue UT inspection of welds on starboard side.		

Summary of Period 0000 to 2400 Hrs

Welded main horizontal brace between B & C cords (aft side). Cut, prepared and fitted upper and lower diagonal braces into place between B & C cords. Continued welding diagonal braces between cords A & B. Commenced welding diagonal braces on aft side between cords B & C. Commenced UT inspection

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	17 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	12 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	4	0 Days		
Man Overboard	1	4 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	14	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 02 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0430	4.50	0.0m	Welded main horizontal brace between cords B & C on aft side of starboard aft leg.
P1	TP (RE)	M7	0430	0600	1.50	0.0m	Continued welding passes on diagonal braces between cords A & B.
P1	TP (RE)	M7	0600	1500	9.00	0.0m	Cut and prepared all diagonal braces and span breakers for aft side.
P1	TP (RE)	M7	1500	2100	6.00	0.0m	Moved upper diagonals across to aft side of starboard aft leg. Fitted upper diagonals in place on B & C cords and tack - welded in place. Fitted lower diagonal braces on B & C cords and tack - welded in place. Continued welding passes on intersection area between diagonal braces and horizontal brace starboard side between cords A & B. UT inspection of outer welds on starboard side ongoing.
P1	TP (RE)	M7	2100	2400	3.00	0.0m	Commenced welding on aft diagonal braces between cords B & C. Continued welding passes on centre brace intersection on starboard side between cords A & B.

Operations For Period 0000 Hrs to 0600 Hrs on 03 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Continued welding on upper and lower diagonal brace butt welds on aft side.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Welded intersection welds where upper and lower diagonals meet main horizontal brace. Finished welding on starboard side between chords A & B at 04:00 hrs. Continued welding on aft side. Completed UT inspection of starboard side horizontal brace welds (72 hr inspection) - all OK. Completed 24 hr UT inspection of diagonal brace butt welds on starboard side - all OK. Commence derrick shimming work but unable to break bolts - awaiting Hi-torq socket.

Phase Data to 2400hrs, 02 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	488	13 Oct 2008	02 Nov 2008	488.00	20.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 02 Nov 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Welders working split shifts to cover activities. 3) Prepared cut sections to be backloaded for ABS inspection. 4) Commenced UT inspection on starboard side welds.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	40	0	254.0
Rig Fuel	m3	0	10	0	204.0
POTABLE WATER	MT	10	27	0	343.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	2,499.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	27

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Personnel On Board

K2	3
PPL	1
PPL	1
PPL	4
PPL	10
Oil Patch	4
MDaniels Int	1
Total	76

Marine

Weather on 02 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	270.0deg	1004.0mbar	15C°	0.3m	70.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2005.00klb	1.4m	70.0deg	7s	***Strong wind warning is current*** On tonightâ€#s weather map, low pressure and associated mid level disturbance will move across Bass Strait and eventually into the Tasman Sea. This intensifying low will produce a period of strong to near gale force winds Monday midday through early Tuesday morning.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	299
Potable Water	m3	226	2	0	0	450
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	0	0	238
Potable Water	Mt	0	5	0	0	216
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BYT	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	09:54 hrs / 10:10 hrs	9 / 5	

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DRILLING MORNING REPORT # 22

03 Nov 2008 **From:** Rocco Rossouw / Will Codner
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$237,321
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$10,998,716
Wtr Dpth (MSL)	78m	Days on well	21.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Welding on centre brace intersection on aft side.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue welding on centre brace intersection on aft side, between cords B & C. Prepare surfaces on starboard side for painting. Continue working on derrick shimming.		

Summary of Period 0000 to 2400 Hrs

Finished welding on starboard centre brace intersection between cords A & B at 04:00 hrs. Continued welding on centre brace intersection and diagonal butt welds on braces between cords B & C. Performed 72 hr inspection on starboard horizontal brace and 24 hr UT inspection of diagonal brace butt welds starboard side between cords A & B.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	18 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	13 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	11	0 Days		
Man Overboard	1	5 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	9	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	27	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 03 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	Continued welding on upper and lower diagonal brace butt welds on aft side. Welded intersection welds where upper and lower diagonals meet main horizontal brace. Finished welding on starboard side between chords A & B at 04:00 hrs. Continued welding on aft side. Completed UT inspection of starboard side horizontal brace welds (72 hr inspection) - all OK. Completed 24 hr UT inspection of diagonal brace butt welds on starboard side - all OK. Commence derrick shimming work but unable to break bolts - awaiting Hi-torq socket.

Operations For Period 0000 Hrs to 0600 Hrs on 04 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0215	2.25	0.0m	Continued welding on centre brace intersection on aft side between chords B & C.
P1	TP (RE)	M7	0215	0400	1.75	0.0m	Wait on weather - high winds at 42 knots gusting 48 knots with horizontal rain. Unable to continue welding.
P1	TP (RE)	M7	0400	0600	2.00	0.0m	(IN PROGRESS) Continued welding on centre brace intersection on aft side between chords B & C. **** COMPLETED ALL WELDING OPERATIONS ON BRACES AT 11H30 **** Continued inspection of welds.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Assembled work platfroms for leg span breaker inspection/ repairs.

Phase Data to 2400hrs, 03 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	512	13 Oct 2008	03 Nov 2008	512.00	21.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 03 Nov 2008

Operational Comments	1) Fitters will only work in daylight hours. 2) Welders working split shifts to cover activities. 3) Commenced UT inspection on starboard side welds. 4) Preparing surfaces for painting. 5) Assembled work platforms for span breaker inspection/ repairs. 6) Commenced derrick shimming - unable to break bolts - awaiting Hi-torq fitting.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	254.0
Rig Fuel	m3	0	5	0	199.0
POTABLE WATER	MT	10	21	0	332.0
Cement class G	MT	0	0	0	42.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	2,499.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	27
K2	3
PPL	1
PPL	1

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Personnel On Board

PPL	4
PPL	10
Oil Patch	4
MDaniels Int	1
Total	76

Marine

Weather on 03 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	32kn	270.0deg	1007.0mbar	13C°	1.5m	170.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1939.00klb	2.6m	170.0deg	7s	A high pressure ridge will move through Bass Strait behind the low moving through the Tasman SEa. Winds easing Tuesday then tending ENE Wednesday as a low approaches from West.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			At Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	2	0	0	297
Potable Water	m3		3	0	0	447
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	8	0	0	230
Potable Water	Mt	0	8	0	0	208
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	65

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DRILLING MORNING REPORT # 23

04 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$249,571
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$11,248,287
Wtr Dpth (MSL)	78m	Days on well	22.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Waiting on completion of further 72hr inspections to continue painting.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue inspections of welds on braces. Painting of braces. Commence rigging down scaffolding on upper stbd sections.		

Summary of Period 0000 to 2400 Hrs

Continued welding on centre brace node on aft side - completed by 11:30hrs. (2 hrs WOW due to strong winds combined with rain). Continued inspection of welds and commenced painting on stbd side.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	19 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	14 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	7	0 Days		
Man Overboard	1	6 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	10	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	23	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 04 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0215	2.25	0.0m	Continued welding on centre brace intersection on aft side between chords B & C.
P1	TP (RE)	M7	0215	0400	1.75	0.0m	Wait on weather - high winds at 42 knots gusting 48 knots with horizontal rain. Unable to continue welding.
P1	TP (RE)	M7	0400	1130	7.50	0.0m	Continued welding on centre brace intersection on aft side between chords B & C. **** COMPLETED ALL WELDING OPERATIONS ON BRACES AT 11H30 **** Continued inspection of welds. Assembled work platfroms for leg span breaker inspection/ repairs.
P1	TP (RE)	M7	1130	2400	12.50	0.0m	Continued inspectiion of welds. Status at 24h00: * 72 hr inspection completed on outer welds (nearest chords) on horizontal and upper diagonals, stbd side. * 24 hr inspection completed on outer welds on lower diagonals and 4 centre welds on stbd side. * 24 hr inspection completed on all outer welds on aft side. Commenced painting on upper diagonals and horizontal braces on stbd side.

Operations For Period 0000 Hrs to 0600 Hrs on 05 Nov 2008

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Continued 72 hr inspections on stbd side of leg - all completed except for one weld on centre node. Continued 24 hr inspections on aft side - all completed. Applied primer and top coat paint as 72 hr inspections completed. Removed scaffolding cantilever platforms on upper section of stbd side. Continued work on platforms for intended span breaker repair. Removed tugger from aft leg position and replaced same on rig floor. General housekeeping, cleaning mud pits, checking dump valves.

Phase Data to 2400hrs, 04 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	536	13 Oct 2008	04 Nov 2008	536.00	22.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 04 Nov 2008

Operational Comments	1) All welding completed by 11:30hrs Tuesday 4 Nov. 2) UT inspections ongoing - all 72hr inspections should be completed 16:00hrs Friday. 3) Preparing and painting braces as inspections are completed. 4) Assembled work platforms for span breaker inspection/ repairs. 5) Commenced derrick shimming - unable to break bolts - awaiting Hi-torq fitting.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	254.0
Rig Fuel	m3	75	3	0	271.0
POTABLE WATER	MT	10	25	0	317.0
Cement class G	MT	40	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	426	0	2,073.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	11

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Personnel On Board

Catering	9
Seadrill Services	29
K2	3
PPL	2
PPL	1
PPL	4
PPL	10
Oil Patch	3
ABS	1
Total	76

Marine

Weather on 04 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	7kn	120.0deg	1008.0mbar	11C°	0.2m	170.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2024.00klb	1.8m	170.0deg	11s	A high pressure system will track across the Bight waters to cross Bass Strait into the Tasman Sea on Wednesday, followed by a broad low pressure trough. During Thursday an active low pressure system will develop over the Bight with an associated strong cold front passing over the strait on Friday. Expect showery conditions, risk of thunderstorms and hail with local winds shifting strong to gale force NW ahead of a SW change.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Battler		14h00	En route to Rig	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	242	9	0	0	530
Potable Water	m3		3	0	0	444
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks
Pacific Valkyrie	16:10 hrs 25/10/08		Standby rig	

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	75	0	148
Potable Water	Mt	0	10	0	0	198
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	35	0	30

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1034 / 1100	15 / 13	Crew Change 426ltr fuel from rig.

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DRILLING MORNING REPORT # 24

05 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$274,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$11,523,108
Wtr Dpth (MSL)	78m	Days on well	23.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Awaiting time lapses to continue inspections on aft braces.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue inspections on aft braces, paint where possible, remove scaffolding where possible.		

Summary of Period 0000 to 2400 Hrs

Continued inspection of welds, paint braces where inspections completed, removed scaffolding where braces painted. Worked on platform mods for use on span breaker repair. Housekeeping & general maintenance.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	3 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	20 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	15 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	4	0 Days		
Man Overboard	1	7 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 05 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	Continued 72 hr inspections on stbd side of leg - all completed except for one weld on centre node. Continued 24 hr inspections on aft side - all completed. Applied primer and top coat paint as 72 hr inspections completed. Removed scaffolding cantilever platforms on upper section of stbd side. Continued work on platforms for intended span breaker repair. Removed tugger from aft leg position and replaced same on rig floor. General housekeeping, cleaning mud pits, checking dump valves.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Completed 72 hr inspection on outer welds (nearest chords) aft side - awaiting time lapse for 72 hr inspection on centre welds aft side. Continued painting on aft side. Inspected inner weld where leg teeth are welded onto chord B. Removed scaffolding where possible. Completed derrick shimming using 10mm shims. Cleaned out and inspected mud pits.

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Phase Data to 2400hrs, 05 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	560	13 Oct 2008	05 Nov 2008	560.00	23.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 05 Nov 2008

Operational Comments	1) UT inspections ongoing - all 72hr inspections should be completed 16:00hrs Friday. 2) Preparing and painting braces as inspections are completed. Removing scaffolding as applicable. 3) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main chord. NDT area requested runs from one span above to one span below failure area. 4) Assembled and modified work platforms for span breaker inspection/ repairs. 5) Commenced derrick shimming - unable to break bolts - awaiting Hi-torq fitting.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need to investigate possible misalignment of dolly beams and dolly rollers on Top Drive System. Requires shimming. A derrick alignment survey has been completed. Shims have been ordered to rectify alignment problem and these will be fitted as soon as they arrive. 6) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	254.0
Rig Fuel	m3	0	9	0	262.0
POTABLE WATER	MT	10	27	0	300.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	3000	0	0	5,073.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	11
Catering	9
Seadrill Services	29
K2	3
PPL	2
PPL	1
PPL	4
PPL	10
Oil Patch	3

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Personnel On Board

ABS	1
Total	76

Marine

Weather on 05 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	13kn	37.0deg	1000.0mbar	15C°	0.2m	160.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2011.00klb	1.5m	160.0deg	14s	A low pressure trough will develop over the Bight waters during Thursday then move southeast and will cross the strait overnight Friday and Saturday bringing showery and windy conditions with possible thunderstorms and hail. An associated low should pass to the south of Tasmania.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		17	0	0	513
Potable Water	m3		3	0	0	441
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie		10.15 hrs	En route Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	14		0	134
Potable Water	Mt	0	10	0	0	188
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	35	0	30

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 25

06 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$264,668
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$11,787,776
Wtr Dpth (MSL)	78m	Days on well	24.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Awaiting time lapse for 72 hr inspection on centre welds aft side.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete 72 hr inspection on aft side and paint same. Remove scaffolding. Perform in situ test on platforms to be used for span breaker repair. Prepare rig for move to Cliffy Island.		

Summary of Period 0000 to 2400 Hrs

Completed 72 hr inspection on outer welds (nearest chords) aft side - awaiting time lapse for 72 hr inspection on centre welds aft side.
Continued painting on aft side.
Inspected inner weld where leg teeth are welded onto chord B.
Removed scaffolding where possible.
Completed derrick shimming using 10mm shims.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	21 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	16 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	8 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	21	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 06 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	Completed 72 hr inspection on outer welds (nearest chords) aft side - awaiting time lapse for 72 hr inspection on centre welds aft side. Continued painting on aft side. Inspected inner weld where leg teeth are welded onto chord B. Removed scaffolding where possible. Completed derrick shimming using 10mm shims. Cleaned out and inspected mud pits.

Operations For Period 0000 Hrs to 0600 Hrs on 07 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Completed last 72 hr UT inspection of centre node on aft side and painted same. Rigged down all scaffolding and removed heli-pad (safety) net.

Phase Data to 2400hrs, 06 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	584	13 Oct 2008	06 Nov 2008	584.00	24.333	0.0m

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General Comments

00:00 TO 24:00 Hrs ON 06 Nov 2008

Operational Comments	1) UT inspections ongoing - all 72hr inspections should be completed 13:00hrs Friday. 2) Preparing and painting braces as inspections are completed. Removing scaffolding as applicable. 3) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main cord B. NDT area requested runs from one span above to one span below failure area - inner side now completed. 4) Require abseiler-welder to perform repair on leg ladder - on Saturday flight. 5) Commenced derrick shimming - completed.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	254.0
Rig Fuel	m3	0	0	0	262.0
POTABLE WATER	MT	0	0	0	300.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	5,073.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	10
Catering	9
Seadrill Services	29
K2	3
PPL	2
PPL	1
PPL	4
PPL	10
Oil Patch	6
Total	77

Marine

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Weather on 06 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	7kn	0.0deg	1004.0mbar	13C°	0.3m	160.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1976.00klb	1.3m	160.0deg	13s	A strong wind warning has been issued for Victorian waters between Wilsons Promontory and 60nm east of Gabo Island. A deepening low pressure system will develop over the Bight during today and will pass just to the south of the State later Friday as an associated cold front crosses Victoria. The front will clear Victoria by early Saturday.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		2	0	0	511
Potable Water	m3		3	0	0	438
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie		20.00 hrs	En route Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	288	16		0	406
Potable Water	Mt	234	5	0	0	417
Drill Water	m3	0	0	0	0	734
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0953 / 1005	8 / 7	Seadrill crew change

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 26

07 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$269,168
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,056,944
Wtr Dpth (MSL)	78m	Days on well	25.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparing rig for move to Cliffy Island.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Prepare and move rig to Cliffy Island. Prospects for moving not very good. Wind at 06:00 hrs 35knots gusting 40 knots.		

Summary of Period 0000 to 2400 Hrs

Completed last UT inspection of centre node on aft side and painted same. Rigged down all scaffolding and removed heli-pad (safety) net.
Slipped and cut drill line. Prepared rig for rig move to Cliffy Island. Re-arranged decks and made sea fastening.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	22 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	17 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	9 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	8	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	25	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 07 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	1700	17.00	0.0m	Completed last 72 hr UT inspection of centre node on aft side and painted same. Rigged down all scaffolding and removed heli-pad (safety) net.
P1	TP (RE)	M7	1700	2400	7.00	0.0m	Prepared rig for rig move to Cliffy Island. Re-arranged decks and made sea fastening. Slipped and cut 85ft drill line.

Operations For Period 0000 Hrs to 0600 Hrs on 08 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) Prepared rig for jacking down and rig move. Jacked rig down to 7m air gap from 27m original. Seafastened materials on deck and sack room. Prepared tow lines for towing. Held Pre-tow meetings at 13:45 hrs and at 19:00 hrs to discuss tow. WOW to commence towing to PeeJay-1/Burnie - wind at 24:00 hrs: 37 knots

Phase Data to 2400hrs, 07 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	608	13 Oct 2008	07 Nov 2008	608.00	25.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 07 Nov 2008

Operational Comments	1) UT inspections completed on all leg welds.

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General Comments

	2) Painting completed on all braces. 3) All scaffolding removed. 4) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main cord B. NDT area requested runs from one span above to one span below failure area - inner side now completed. 5) Require abseiler-welder to perform repair on leg ladder - on Saturday flight.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	12	-8	234.0
Rig Fuel	m3	0	9	-6	247.0
POTABLE WATER	MT	0	28	-21	251.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	-10	5,063.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	10
Catering	9
Seadrill Services	29
K2	3
PPL	2
PPL	1
PPL	4
PPL	10
Oil Patch	6
Total	77

Marine

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Weather on 07 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	23kn	7.0deg	991.0mbar	16C°	1.4m	70.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		1958.00klb	2.0m	70.0deg	7s	Gale is current warning for Victorian waters between SA-VIC Border and Point Hicks. A developing low pressure system to the west of Bass Strait will move rapidly southeastwards early Saturday as an associated cold front crosses eastern Bass Strait. The front will clear Victoria by early Saturday. This will produce strong to gale NW/W winds today tending W/SW on Sunday and easing to light to moderate in evening as a ridge of high pressure extends across the State

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	10.05 hrs on 5/11		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		2	0	0	509
Potable Water	m3		3	0	0	435
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	16:15 hrs on 7/11		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	19		0	387
Potable Water	Mt	0	5	0	0	412
Drill Water	m3	0	0	0	-1	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

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DRILLING MORNING REPORT # 27

08 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$172,502
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,229,446
Wtr Dpth (MSL)	78m	Days on well	26.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	WOW to commence towing to PeeJay-1/Burnie		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Commence towing to PeeJay-1/Burnie		

Summary of Period 0000 to 2400 Hrs

Prepared rig for jacking down and rig move. Jacked rig down to 7m air gap from 27m original.
Seafastened materials on deck and sack room.
Prepared tow lines for towing.
WOW to commence towing to PeeJay-1/Burnie - wind at 24:00 hrs: 37 knots

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	6 Days	All personnel mustered at life boats.	Fire in paint locker.
First Aid Case	1	23 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	18 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	6	0 Days		
Man Overboard	1	10 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-Job Meetings	2	0 Days	Pre-tow meeting	Pre-tow meeting to discuss method/procedures, route and general tow information distribution.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	5	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	22	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 08 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	2400	24.00	0.0m	Prepared rig for jacking down and rig move. Jacked rig down to 7m air gap from 27m original. Seafastened materials on deck and sack room. Prepared tow lines for towing. Held Pre-tow meetings at 13:45 hrs and at 19:00 hrs to discuss tow. WOW to commence towing to PeeJay-1/Burnie - wind at 24:00 hrs: 37 knots

Operations For Period 0000 Hrs to 0600 Hrs on 09 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	0600	6.00	0.0m	(IN PROGRESS) WOW to commence towing to PeeJay-1/Burnie. Weather improving through course of the morning.

Phase Data to 2400hrs, 08 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	632	13 Oct 2008	08 Nov 2008	632.00	26.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 08 Nov 2008

Operational Comments	1) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main cord B. NDT

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General Comments

	area requested runs from one span above to one span below failure area - inner side now completed.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	11	0	236.0
POTABLE WATER	MT	0	21	0	230.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	797	0	4,266.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	14
Catering	9
Seadrill Services	29
K2	6
PPL	2
PPL	1
PPL	4
PPL	10
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	88

Marine

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Weather on 08 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	37kn	260.0deg	1007.0mbar	14C°	2.0m	240.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2150.00klb	3.5m	240.0deg	7s	Gale warning is current for Victorian waters between Wilsons Promontory and 60nm east of Gabo Island. Westerly winds should ease to strong this morning and to moderate in afternoon as the low southeast of Tasmania moves rapidly to southeast and the front is now east of Bass Strait.

Comments

Position:
Lat: 38deg 24' 56.7457"S
Long: 148deg 03' 52.7619" E
Fwd leg 18.568m from Bazzard-1.
Bearing 318.353 deg
Rig heading: 136.46 deg
Leg penetrations:
Bow: 2.67m
Stbd: 1.87m
Port: 2.27m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	5/11 at 10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		6	0	0	503
Potable Water	m3		4	0	0	431
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11		0	376
Potable Water	Mt	0	5	0	0	407
Drill Water	m3	0	0	0	-1	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1107 / 1134	17 / 6	Rig movers Scaffolders Took 797 fuel

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 28

09 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$114,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,344,267
Wtr Dpth (MSL)	78m	Days on well	27.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparing for cutting of span breakers on bow leg.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue with tow. Continue inspection on port span breakers and spud can welds. Cut and replace span breakers on bow and port side.		

Summary of Period 0000 to 2400 Hrs

WOW. Connected Battler to main tow line at 13:10 hrs and Valkyrie to bow tow line at 14:10 hrs. Lowered hull, performed water integrity check and continued to raise legs. On tow at 17:30 hrs. Inspected stbd span breakers and connection to spud can.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	24 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	19 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Man Overboard	1	11 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-Job Meetings	2	1 Day	Pre-tow meeting	Pre-tow meeting to discuss method/procedures, route and general tow information distribution.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	33	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 09 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M7	0000	1300	13.00	0.0m	WOW to commence towing to PeeJay-1/Burnie. Weather improving through course of the morning.
P1	TP (RE)	M3	1300	1730	4.50	0.0m	Connected Battler to main towing line at 13:10 hrs. Lowered hull to 2.5m draft and performed water integrity check. Connected Valkyrie to bow towing point at 14:10 hrs. Commenced raising legs.
P1	TP (RE)	M1	1730	2130	4.00	0.0m	On tow at 17:30 hrs. Continue raising legs - completed 21:30 hrs. Prepare for span breaker and chord-to-spud can inspection on stbd leg.
P1	TP (RE)	M1	2130	2400	2.50	0.0m	Prepared platforms for bow and port legs to gain access for cutting span breakers. Completed weld inspections of stbd leg on span breakers and chord-to-spud can. Position at midnight: Lat 38 39.0 S, Long 147 51.0 E Distance travelled: 13.5 Nm Distance to go: 131.9 NM Ave speed: 3.3 Knots ETA 14:00 hrs 11/11

Operations For Period 0000 Hrs to 0600 Hrs on 10 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP	M1	0000	0600	6.00	0.0m	(IN PROGRESS) On tow to PeeJay-1. Both boats towing on bow of rig.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
	(RE)						Position at 06:00 hrs: Lat 38 54.9 S, Long 147 31.6 E Distance travelled: 40.1 Nm Distance to go: 110.1 Nm Ave speed: 3.6 Knots Position at 12:00 hrs: Lat 39 11.8 S, Long 147 14.7 E Distance travelled: 60.7 Nm Distance to go: 88.6 Nm Ave speed: 3.5 Knots Position at 18:00 hrs: Lat 39 27.6 S, Long 147 02 E Distance travelled: 79.7 Nm Distance to go: 69.7 Nm Ave speed: 3.2 Knots Position at 24:00 hrs: Lat 39 51.4 S, Long 146 46.2 E Distance travelled: 106.4 Nm Distance to go: 43 Nm Ave speed: 4.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Completed weld inspections of all 3 legs on span breakers and chord-to-spud can. Replaced 1 span breaker on each of bow and port leg at level 1. Rigged up and cut out 1 span breaker on bow at level 2 - completed 20:00 hrs. Stopped work at end of daylight. Rigged up port leg for work on span breaker at level 2.

Phase Data to 2400hrs, 09 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	656	13 Oct 2008	09 Nov 2008	656.00	27.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 09 Nov 2008

Operational Comments	1) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main cord B. NDT area requested runs from one span above to one span below failure area - inner side now completed.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	10	0	226.0
POTABLE WATER	MT	0	27	0	203.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	-10	4,256.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
2	National 14 P-220	6.50		97													
3	National 14 P-220	6.50		97													

Personnel On Board

Company	Pax
ADA	3
Seadrill	14
Catering	9
Seadrill Services	29
K2	6
PPL	2
PPL	1
PPL	4
PPL	10
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	88

Marine

Weather on 09 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	5kn	110.0deg	1017.0mbar	13C°		0.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2137.00klb		0.0deg		Good calm weather.

Comments

Departed Bazzard-1 location at 17:30 hrs

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	5/11 at 10.05 hrs		At Rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3			0	0	503
Potable Water	m3			0	0	431
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0			0	376
Potable Water	Mt	0		0	0	407
Drill Water	m3	0	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 29

10 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$115,821
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,460,088
Wtr Dpth (MSL)	78m	Days on well	28.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	10.1 Nm from destination at PeeJay-1. Preparing to continue with work on bow and port legs.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete tow to PeeJay-1 and hold position. Remove and replace span breakers on bow and port legs.		

Summary of Period 0000 to 2400 Hrs

On tow to PeeJay-1. Distance travelled 106.4 Nm, distance to go 43 Nm.
Removed and replaced one span breaker on both bow and port legs at level 1. Removed span breaker at level 2 on bow leg. Rigged up port leg for removal of span breaker on level 2.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	25 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	20 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	4	0 Days		
Man Overboard	1	12 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-Job Meetings	2	2 Days	Pre-tow meeting	Pre-tow meeting to discuss method/procedures, route and general tow information distribution.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	12	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 10 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	2400	24.00	0.0m	On tow to PeeJay-1. Both boats towing on bow of rig. Position at 06:00 hrs: Lat 38 54.9 S, Long 147 31.6 E Distance travelled: 40.1 Nm Distance to go: 110.1 Nm Ave speed: 3.6 Knots Position at 12:00 hrs: Lat 39 11.8 S, Long 147 14.7 E Distance travelled: 60.7 Nm Distance to go: 88.6 Nm Ave speed: 3.5 Knots Position at 18:00 hrs: Lat 39 27.6 S, Long 147 02 E Distance travelled: 79.7 Nm Distance to go: 69.7 Nm Ave speed: 3.2 Knots Position at 24:00 hrs: Lat 39 51.4 S, Long 146 46.2 E Distance travelled: 106.4 Nm Distance to go: 43 Nm

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Ave speed: 4.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Completed weld inspections of all 3 legs on span breakers and chord-to-spud can. Replaced 1 span breaker on each of bow and port leg at level 1. Rigged up and cut out 1 span breaker on bow at level 2 - completed 20:00 hrs. Stopped work at end of daylight. Rigged up port leg for work on span breaker at level 2.

Operations For Period 0000 Hrs to 0600 Hrs on 11 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0600	6.00	0.0m	(IN PROGRESS) Continued tow to PeeJay-1. Position at 06:00 hrs: Lat 40 20.8 S, Long 146 27.4 E Distance travelled: 139.3 Nm Distance to go: 10.1 Nm Ave speed: 5.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Reduce power on boats at 07:00 hrs to allow slow circling around Peejay-1 location while continuing with repairs. Rigged up port leg for work on span breaker at level 2.

Phase Data to 2400hrs, 10 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	680	13 Oct 2008	10 Nov 2008	680.00	28.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 10 Nov 2008

Operational Comments	1) ABS have asked for NDT inspection of welds on stbd leg where leg teeth are welded to main cord B. NDT area requested runs from one span above to one span below failure area - inner side completed and no inspection required on outer side as per ABS consent.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	8	0	218.0
POTABLE WATER	MT	0	25	0	178.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	4,256.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data										
3	National 14 P-220	6.50		97														

Personnel On Board

Company	Pax
ADA	3
Seadrill	14
Catering	8
Seadrill Services	29
K2	6
PPL	2
PPL	1
PPL	4
PPL	10
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	87

Marine

Weather on 10 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	270.0deg	1025.0mbar	11C°	0.1m	0.0deg	2s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2103.00klb	1.0m	280.0deg	13s	Good calm weather.

Comments

Departed Bazzard-1 location at 17:30 hrs 9/11

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	5/11 at 10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		14.5	0	0	488.5
Potable Water	m3		3	0	0	428
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	12		0	364
Potable Water	Mt	0	5	0	0	402
Drill Water	m3	0	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0932 / 0946	8 / 9	Crew Change

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DRILLING MORNING REPORT # 30

11 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$113,393
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,573,481
Wtr Dpth (MSL)	78m	Days on well	29.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Working port leg at 20m penetration depth due to tightness.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue with reaming of port leg and pre-loading operations.		

Summary of Period 0000 to 2400 Hrs

Continued with tow to PeeJay-1, 10.1 Nm away from PeeJay-1 at 06:00 hrs. Reduced power on boats at 07:00 hrs and continued with replacement of span breakers, finshing the work at 21:00 hrs. Rigged down platforms and commenced lowering legs while bringing rig in on a heading of 135 deg.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	26 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	21 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	6	0 Days		
Man Overboard	1	13 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-Job Meetings	2	3 Days	Pre-tow meeting	Pre-tow meeting to discuss method/procedures, route and general tow information distribution.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	20	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 11 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M1	0000	0700	7.00	0.0m	Continued tow to PeeJay-1. Position at 06:00 hrs: Lat 40 20.8 S, Long 146 27.4 E Distance travelled: 139.3 Nm Distance to go: 10.1 Nm Ave speed: 5.4 Knots ETA PeeJay-1 08:00 hrs 11/11 Reduce power on boats at 07:00 hrs to allow slow circling around Peejay-1 location while continuing with repairs. Rigged up port leg for work on span breaker at level 2.
P1	TP (RE)	M7	0700	2200	15.00	0.0m	Completed replacement of all 6 span breakers, 2 on bow and 4 on port side. Inspected and painted same. Rigged down platforms and associated equipment.
P1	TP (RE)	M2	2200	2400	2.00	0.0m	Commenced lowering legs while bringing rig in on approach course. Connected deep well pumps on all legs. At 24:00 hrs, rig 1 Nm from PeeJay-1 on heading 135 deg.

Operations For Period 0000 Hrs to 0600 Hrs on 12 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M2	0000	0130	1.50	0.0m	Continued lowering legs and approaching PeeJay-1 at 135deg. Pinned rig at 01:20 hrs. Provisional position: 4.73m from PeeJay-1 at heading of 136.3 deg

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M3	0130	0600	4.50	0.0m	Vessel Cambell Cove arrived 01:30 hrs to assist with rig positioning. (IN PROGRESS) Worked legs up and down in previous leg holes. Port leg tight at 20m penetration - worked same to free leg. Continued working legs to confirm load bearing capabilty. Initial penetration: Bow=27m, Port=26.9m, Stbd=26.15m. Liaise with Singapore office and authorities regarding deep penetrations.

Phase Data to 2400hrs, 11 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	704	13 Oct 2008	11 Nov 2008	704.00	29.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 11 Nov 2008

Operational Comments	All 6 span breakers replaced, tested and painted at 21h00.
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	5	0	213.0
POTABLE WATER	MT	0	25	0	153.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	4,256.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	14
Catering	8
Seadrill Services	29
K2	6
PPL	2
PPL	1
PPL	4
PPL	10
Tamboritha	2
Go Offshore	5

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Australian Drilling Associates Pty Ltd ADA

Personnel On Board

Falconer Bryan	1
Fugro Survey	2
Total	87

Marine

Weather on 11 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	70.0deg	1012.0mbar	14C°		0.0deg	

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		2070.00klb	0.5m	0.0deg		Good calm weather.

Comments

Arrived in vicinity of Peejay-1 approx 09h00 0n 11/11

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	5/11 at 10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		49.9	0	0	438.6
Potable Water	m3		6	0	0	422
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	29.5		0	334.5
Potable Water	Mt	0	10	0	0	392
Drill Water	m3	0	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 31

12 Nov 2008 **From:** Rocco Rossouw
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$135,880
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$12,709,361
Wtr Dpth (MSL)	78m	Days on well	30.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Holding 100% pre-load on Bow leg while at 1.5m draft.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue with pre-loading operations.		

Summary of Period 0000 to 2400 Hrs

Pinned rig at 01:20 hrs and worked legs through tight spots and to confirm weight bearing capability. Pre-loaded port leg to 100% at 1m draft, jacked rig to 3m air gap and pre-loaded port leg to 100%. Held pre-load.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	3 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	27 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	22 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	11	0 Days		
Man Overboard	1	14 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	12	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 12 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (RE)	M2	0000	0130	1.50	0.0m	Continued lowering legs and approaching PeeJay-1 at 135deg. Pinned rig at 01:20 hrs. Provisional position: 4.73m from PeeJay-1 at heading of 136.3 deg Vessel Cambell Cove arrived 01:30 hrs to assist with rig positioning.
P1	TP (RE)	M3	0130	1630	15.00	0.0m	Worked legs up and down in previous leg holes. Port leg tight at 20m penetration - worked same to free leg. Continued working legs to confirm load bearing capabilty. Initial penetration: Bow=27m, Port=26.9m, Stbd=26.15m. Liaise with Singapore office and authorities regarding deep penetrations.
P1	TP (RE)	M3	1630	2030	4.00	0.0m	Rig at 1m draft - commenced preloading Port leg and apply 100% preload.
P1	TP (RE)	M3	2030	2300	2.50	0.0m	Raised rig to 3m air gap, preloaded port leg to 100%.
P1	P	M3	2300	2400	1.00	0.0m	Held 100% preload on port leg.

Operations For Period 0000 Hrs to 0600 Hrs on 13 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Continued holding 100% pre-load on Port leg with rig at 3m air gap.
P1	P	M3	0100	0200	1.00	0.0m	Dumped pre-load on Port leg.
P1	P	M3	0200	0530	3.50	0.0m	Jacked rig down to 1.5m draft and pre-loaded Bow leg in water to 100%.
P1	P	M3	0530	0600	0.50	0.0m	Held 100% pre-load on Bow leg while at 1.5m draft.

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Phase Data to 2400hrs, 12 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	728	13 Oct 2008	12 Nov 2008	728.00	30.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 12 Nov 2008

Operational Comments	1) Current leg penetrations: Port=28.32m, Stbd=27.12m, Bow=27.42m 2) Arrived in vicinity of PeeJay-1 approx 09:00 hrs 0n 11/11. Pinned rig at 01:20 hrs on 12/11. Provisional: 4.73m from intended location, heading 136.3
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	4	0	209.0
POTABLE WATER	MT	0	23	0	130.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	-10	4,246.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	3
Seadrill	13
Catering	8
Seadrill Services	29
K2	6
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	69

Marine

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Weather on 12 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	90.0deg	1010.0mbar	14C°	1.4m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.4deg		6192.00klb	1.6m	280.0deg	12s	

Comments

Arrived in vicinity of Peejay-1 approx 09h00 0n 11/11. Pinned rig at 01h20 on 12/11.
Provisional: 4.73m from intended location, heading 136.3.
Current leg penetrations: Port=28.32m, Stbd=27.12m, Bow=27.42m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	5/11 at 10.05 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		13.6	0	0	425
Potable Water	m3		3	0	0	419
Drill Water	m3	0	0	0	0	300
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11.4		0	323.1
Potable Water	Mt	0	5	0	0	387
Drill Water	m3	0	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	28	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1351 / 1407	0 / 18	De-man rig repair crew

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13 Nov 2008

From: Rocco Rossouw / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 32
PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$687,463
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$13,396,824
Wtr Dpth (MSL)	78m	Days on well	31.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	While holding 3.5m air gap continue filling pre-load on all 3 legs.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Complete pre-load on all 3 legs at 100% Hold final pre-load on all legs at 100% for 12 hrs. Dump pre-load and jack up to operational air gap. Remove all ocean fastenings. Prepare to skid cantilever. Skid cantilever aft 25 ft. Install texas deck and access stairs. Install CTU, mousehole, access stairs to cantilever. Clear and backload excess equipment from Cantilever.		

Summary of Period 0000 to 2400 Hrs

Continued with pre-loading operations.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	28 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	23 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Man Overboard	1	15 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	3	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	9	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 13 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0100	1.00	0.0m	Continued holding 100% pre-load on Port leg with rig at 3m air gap.
P1	P	M3	0100	0200	1.00	0.0m	Dumped pre-load on Port leg.
P1	P	M3	0200	0530	3.50	0.0m	Jacked rig down to 1.5m draft and pre-loaded Bow leg in water to 100%.
P1	P	M3	0530	0600	0.50	0.0m	Held 100% pre-load on Bow leg while at 1.5m draft.
P1	P	M3	0600	0700	1.00	0.0m	Dumped pre-load on Bow leg.
P1	P	M3	0700	1000	3.00	0.0m	Jacked up rig to 2m air gap and pre-loaded Bow leg to 100% pre-load.
P1	P	M3	1000	1230	2.50	0.0m	Held 100% pre-load on Bow leg at 2m draft.
P1	P	M3	1230	1330	1.00	0.0m	Dumped pre-load on Bow leg.
P1	P	M3	1330	1430	1.00	0.0m	Commenced jacking legs up to 0.5m draft. Checked draft, prior to jacking up to 2m draft.
P1	P	M3	1430	1630	2.00	0.0m	Filled pre-load on Starboard leg and commenced pre-load.
P1	P	M3	1630	1800	1.50	0.0m	Completed pre-load of Starboard leg in water with 2m draft. Held until 17:15 hrs.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Dumped pre-load.
P1	P	M3	1800	1830	0.50	0.0m	Jacked legs down and hull up to 3m air gap.
P1	P	M3	1830	2100	2.50	0.0m	Pre-loaded Starboard leg to 100% with 3m air gap.
P1	P	M3	2100	2300	2.00	0.0m	Held pre-load at 100% on Starboard leg.
P1	P	M3	2300	2330	0.50	0.0m	Commenced dumping pre-load tanks due to tide and wave slap weather conditions.
P1	P	M3	2330	2400	0.50	0.0m	Jacked down leg to 3.5m air gap and commenced pre-load all legs.

Operations For Period 0000 Hrs to 0600 Hrs on 14 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0600	6.00	0.0m	(IN PROGRESS) Continued at 3.5m air gap and pre-loaded all legs to 100% pre-load.

Phase Data to 2400hrs, 13 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	752	13 Oct 2008	13 Nov 2008	752.00	31.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 13 Nov 2008

Operational Comments	1.) Released Pacific Valkyrie at 05:30 hrs 14/11/08, engine problems with lube oil pump. Estimated time to repair = 5 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	4	0	205.0
POTABLE WATER	MT	0	29	0	101.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	1533	0	2,713.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	15
Catering	9
Seadrill Services	32

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Personnel On Board

K2	3
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	73

Marine

Weather on 13 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	270.0deg	1010.0mbar	14C°	0.8m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		7650.00klb	1.2m	280.0deg	12s	

Comments

Position:
Lat: 40deg 29 47.9007"S
Long: 146deg 21' 35.4353" E
4.73m from ideal
Rig heading: 136.28 deg
Leg penetrations:
Bow: 27.94m
Stbd: 27.64m
Port: 28.44m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		23:30 hrs 13/11/08	Enroute to Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		12	413	0	425
Potable Water	m3		3	416	0	419
Drill Water	m3	0	0	300	0	300
Barite	Mt	0	0	42	0	42
CEMENT G	Mt	0	0	83	0	83
Bentonite	Mt	0	0	60	0	60
Brine	m3	0	0	119	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	12	311	0	323.1
Potable Water	Mt	0	5	382	0	387
Drill Water	m3	0	0	733	0	733
Barite	Mt	0	0	35	0	35
Bentonite	Mt	0	0	42	0	42
CEMENT G	Mt	0	0	58	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1340 / 1416	16 / 12	Crew Change Seadrill & TMS

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DRILLING MORNING REPORT # 33

14 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	0.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	0.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$720,351
Rig	West Triton (semi)	Days from spud	0.00	Shoe MDBRT		Cum Cost	AUD$14,117,175
Wtr Dpth (MSL)	78m	Days on well	32.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparing to pick up 5.5" drill pipe.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Make up 5.5" drill pipe cement stand with stab in sub and stand back in derrick. Make up second stand with TIW valve and side entry sub for cementing and stand back in derrick. Make up 26"/36" bottom hole assembly. Spud well at 3.5m air gap and pre cautionary drill 50m of hole to clear maximum estimated spud can penetration depth. Displace hole with PHG. POOH and rack back BHA. Skid cantilever inboard. Pin and secure cantilever. Jack up rig to 11.3m operational air gap. Skid cantilever aft. Lower Texas deck and access stairs. Lower CTU and install mousehole. RIH with 26"/36" BHA and drill to section TD.		

Summary of Period 0000 to 2400 Hrs

Pre-loaded 100% on all 3 legs at 3.5m air gap.
Held pre-load at 100% on all 3 legs at 3.5m air gap.
Dumped mud pits and all pre-load tanks.
Backload excess equipment from cantilever onto Pacific Valkyrie.
Concurrently prepare to skid cantilever.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	29 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	24 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	2	0 Days		
Man Overboard	1	16 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	1	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	11	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 14 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M3	0000	0700	7.00	0.0m	Continued at 3.5m air gap and pre-loaded all legs to 100% pre-load.
P1	P	M3	0700	1900	12.00	0.0m	Held 100% pre-load on all 3 legs at 3.5m air gap.
P1	P	M3	1900	2300	4.00	0.0m	Dumped mud pits and all pre-load tanks.
P1	P	M2	2300	2400	1.00	0.0m	Back loaded excess equipment from cantilever deck onto Pacific Vaulkyrie. Concurrently removed sea fastenings and prepared to skid cantilever.

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Operations For Period 0000 Hrs to 0600 Hrs on 15 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M2	0000	0330	3.50	0.0m	Continued back loading all excess equipment from cantilever onto Pacific Valkyrie. Concurrently prepared to skid cantilever aft.
P1	P	M2	0330	0500	1.50	0.0m	Held PJSM and skidded cantilever aft 25 ft to drilling position.
P1	P	M2	0500	0600	1.00	0.0m	(IN PROGRESS) Hooked up service lines to cantilever and installed mouse hole. Installed access stairs on port and starboard side to cantilever.

Phase Data to 2400hrs, 14 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	776	13 Oct 2008	14 Nov 2008	776.00	32.333	0.0m

General Comments

00:00 TO 24:00 Hrs ON 14 Nov 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Top drive rotating head has operating problems, to be able to rotate the IBOP must be operated first. This is impacting operational efficiency. 2) Number 4 main generator down. Exciter and generator sent ashore. 3) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 4) Remote controller for Iron Roughneck not operational - waiting on new control switch 5) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	234.0
Rig Fuel	m3	0	4	0	201.0
POTABLE WATER	MT	200	18	0	283.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	0	0	39.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	-10	2,703.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	4
Seadrill	15
Catering	9
Seadrill Services	32
K2	3
Tamboritha	2
Go Offshore	5
Falconer Bryan	1
Fugro Survey	2
Total	73

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Marine

Weather on 14 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	260.0deg	1007.0mbar	12C°	2.2m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2030.00klb	0.0m	280.0deg	14s	

Comments

Position:
Lat: 40deg 29 47.9007"S
Long: 146deg 21' 35.4353" E
4.73m from ideal
Rig heading: 136.28 deg
Leg Penetrations
Bow = 27.94m
Port = 28.44m
Stbd = 27.64m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Enroute to rig ETA 11:00 hrs 15/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		14	0	0	399
Potable Water	m3	46	5	0	0	457
Drill Water	m3	0	0	70	0	230
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	7/11 at 16:15 hrs		At Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	300
Potable Water	Mt	0	5	200	0	177
Drill Water	m3	0	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	58

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DRILLING MORNING REPORT # 34

15 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	155.0m	Cur. Hole Size	36.000in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	155.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT		Daily Cost	AUD$756,081
Rig	West Triton (semi)	Days from spud	0.23	Shoe MDBRT		Cum Cost	AUD$14,873,256
Wtr Dpth (MSL)	78m	Days on well	33.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Hooking up service lines to cantilever.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Offload 30" conductor from Pacific Battler. Make up 5.5" drill pipe cement stand with stab in sub and stand back in derrick. Make up second stand with TIW valve and side entry sub and stand back in derrick. RIH with 26"/36" BHA to 155m. Drill 26"/36" hole from 155m to section TD. Displace hole to prehydrated bentonite mud. POOH and run 30" casing.		

Summary of Period 0000 to 2400 Hrs

Backloaded all excess equipment from cantilever onto Pacific Valkyrie.
Skidded cantilever aft 25 ft to drilling position.
Hooked up service lines to Cantilever.
Installed access stairs and mousehole.
Picked up and made up 26"/36" BHA.
Tagged bottom at 104m with 3.5m air gap.
Spudded well and drilled to 155m.
POOH and racked back BHA in derrick.
Prepared to skid cantilever forward.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	6 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	30 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	25 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Man Overboard	1	17 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	5	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	20	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 15 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	P	M2	0000	0330	3.50	0.0m	Continued back loading all excess equipment from cantilever onto Pacific Valkyrie. Concurrently prepared to skid cantilever aft.
P1	P	M2	0330	0500	1.50	0.0m	Held PJSM and skidded cantilever aft 25 ft to drilling position.
P1	P	M2	0500	0700	2.00	0.0m	Hooked up service lines to cantilever and installed mouse hole. Installed access stairs on port and starboard side to cantilever.
P2	P	G6	0700	1200	5.00	0.0m	Held JSA. Prepared and made up 2 x 9 1/2" DC, 3 x 8 1/4" DC, 36" hole opener, float sub, Anderdrift, 6 x 5.5" HWDP and racked back in derrick. Picked up 4 x 5.5" drill pipe.
P2	P	G2	1200	1400	2.00	0.0m	Continued picking up 14 joints of 5.5" drill pipe and racked back in derrick.
P2	P	G6	1400	1500	1.00	0.0m	Picked up and racked back 3 x 8 1/4" drill collars.
P2	P	G6	1500	1630	1.50	0.0m	Made up 26" bit and 36" hole opener and RIH with BHA to 94m.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G1	1630	1730	1.00	0.0m	Changed out bails to drilling bails.
P2	P	G6	1730	1830	1.00	0.0m	RIH from 94m to 100m. Engaged TDS and established circulation. Took survey at 100m, inclination 0 deg. RIH from 100m and tagged seabed at 104m. Took survey at 104m, inclination 0.5 deg.
P2	P	D2	1830	2100	2.50	155.0m	Spudded well at 18:30 hrs. Drilled 26"/36" hole from 104m to 155m. RPM 60-95, GPM 600-800, SPP 650 psi, WOB 0-3 klbs. Pumped 75 bbl hi-vis sweeps every single. Took survey at 155m, inclination 1 deg.
P2	P	G6	2100	2300	2.00	155.0m	Spotted 210 bbls of pre hydrated bentonite. POOH with BHA from 155m to surface.
P2	P	M2	2300	2400	1.00	155.0m	Prepared to skid in cantilever.

Operations For Period 0000 Hrs to 0600 Hrs on 16 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	M2	0000	0030	0.50	155.0m	Continued preparing to skid cantilever.
P2	P	M2	0030	0200	1.50	155.0m	Held PJSM. Skidded cantilever forward. Pinned and secured same.
P2	P	M3	0200	0300	1.00	155.0m	Held PJSM. Jacked up rig to 11.3m operational air gap.
P2	P	G1	0300	0430	1.50	155.0m	Lowered Texas deck.
P2	P	M2	0430	0530	1.00	155.0m	Held PJSM. Skidded cantilever aft 25 ft to drilling position, installing access stairs to Texas deck at the same time.
P2	P	G1	0530	0600	0.50	155.0m	(IN PROGRESS) Installed access stairs on port and starboard side of cantilever. Hooked up service lines to cantilever and installed mouse hole.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 15 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	17	15 Nov 2008	15 Nov 2008	800.00	33.333	155.0m

General Comments

00:00 TO 24:00 Hrs ON 15 Nov 2008

Operational Comments	1.) Unable to offload 30" conductor from Pacific Battler due to strong winds and sea conditions. 2.) Unable to mix full amount of mud owing to pending jacking operations.
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 13756

Mud Type:	API FL:	Cl:	Solids(%vol):	Viscosity	
Sample-From:	Filter-Cake:	K+C*1000:	Low-Gravity Solids:	PV	
Time:	HTHP-FL:	Hard/Ca:	H2O:	YP	
Weight:	HTHP-cake:	MBT:	Oil(%):	Gels 10s	
Temp:		PM:	Sand:	Gels 10m	
		PF:	pH:	Fann 003	
			PHPA:	Fann 006	
				Fann 100	
				Fann 200	
				Fann 300	
				Fann 600	

Comment

Bit # 1

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size : 26 in	IADC# 111	**Nozzles**	**Drilled over last 24 hrs**	**Calculated over Bit Run**

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Mfr:	Reed	WOB(avg)	3.00klb	No.	Size	Progress	Cum. Progress 0.0m
Type:	Rock	RPM(avg)	80	1	16/32nd"	On Bottom Hrs	Cum. On Btm Hrs 0.0h
Serial No.:	D74635R	F.Rate	800gpm	3	24/32nd"	IADC Drill Hrs	Cum IADC Drill Hrs 0.0h
Bit Model	Y11C	SPP	650psi			Total Revs	Cum Total Revs 0
Depth In	112.0m	HSI				ROP(avg) N/A	ROP(avg) 0.00 m/hr
Depth Out		TFA	1.522				
Bit Comment							

BHA # 1

Weight(Wet)	38.00klb	Length	151.2m	Torque(max)		D.C. (1) Ann Velocity	33fpm
Wt Below Jar(Wet)		String	98.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	32fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	30fpm
		Slack-Off				D.P. Ann Velocity	30fpm

BHA Run Description: 26"bit, 36" H/O, Float sub, Anderdrift,2 x 9.5" DC's, x-over, 7 x 81/4" DC's, x-over, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.61m	26.00in		D74635R	
Hole Opener	2.65m	36.00in		TOT-36-HO-2	
Float Sub	1.23m	9.50in		SS507207	
Pulser	3.42m	9.44in	3.00in	ADTS9114	
Drill Collar	18.81m	9.50in	3.06in		
X/O	1.22m	9.50in	3.00in	7125	
Drill Collar	66.10m	8.25in	2.88in		
X/O	0.93m	8.25in	2.81in	7132	
HWDP	56.11m	5.50in	3.25in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	105	87	0	252.0
Rig Fuel	m3	25	3	0	223.0
POTABLE WATER	MT	10	19	0	274.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	0	9	0	30.0
Barite	MT	0	0	0	26.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	1179	0	1,524.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	68	650	400
2	National 14 P-220	6.50	73.44	97	68	650	400
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	5
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2

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Personnel On Board

Schlumberger (Wireline)	1
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Halliburton	2
Weatherford	3
Dril-Quip	1
K2	3
Fugro Survey	1
Total	78

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Mike Flexmore/Mikel Maloney

Available	**0.0bbl**
Active	
Mixing	
Hole	
Slug	
Reserve	
Kill	

Losses	**0.0bbl**
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 15 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	25kn	250.0deg	1007.0mbar	12C°	2.0m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2236.00klb	2.3m	280.0deg	7s	

Comments

Position:
Lat: 40deg 29 47.9007"S
Long: 146deg 21' 35.4353" E
4.73m from ideal
Rig heading: 136.28 deg
Leg Penetrations
Bow = 27.94m
Port = 28.44m
Stbd = 27.64m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Standby Rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3		14	0	0	385
Potable Water	m3	46	5	0	0	452
Drill Water	m3	0	0	70	0	230
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	0	0	60
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Under pilotage Pt Phillip Bay

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	16	25	0	259
Potable Water	Mt	0	5	0	0	172
Drill Water	m3	0	0	108	0	625
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0950 / 1020	14 / 10	3rd Party

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 35

16 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	218.0m	Cur. Hole Size	36.000in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	218.0m	Last Casing OD		AFE No.	07/071
Drill Co.	Seadrill	Progress	63.0m	Shoe TVDBRT		Daily Cost	AUD$771,479
Rig	West Triton (semi)	Days from spud	1.23	Shoe MDBRT		Cum Cost	AUD$15,644,735
Wtr Dpth (MSL)	78m	Days on well	34.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Running 30" conductor casing. Depth at 06:00 hrs 152m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Continue running 30" conductor casing. Install ICON clamp on CTU and torque up same. Cut 30" conductor 2m above icon clamp and lay down first joint of conductor. Lay down cut off joint of 30" casing. Rig down 30" handling equipment. Rig up 5.5" drill pipe handling equipment. RIH with stinger and cement head assembly. Cement 30" casing. Pick up 20 stands of 5.5" drill pipe. Make up 16" BHA.		

Summary of Period 0000 to 2400 Hrs

Prepared to skid cantilever forward.
Skid cantilever forward and pinned and secured same.
Jacked up rig to 11.3m operational air gap.
Skidded cantilever aft, lowered Texas deck and access stairs.
Made up 5.5" drill pipe cement stand with stab in sub and stood back in derrick.
Made up second stand with TIW valve and side entry sub and stood back in derrick.
RIH with 26"/36" BHA to 116m.
Washed and reamed from 116m to bottom.
Drilled 26"/36" hole from 162m to 218m.
Displaced hole to prehydrated bentonite mud.
POOH to run 30" casing.
Installed CTU and work platform. Concurrently rigged up to run 30" condutor casing.
Held PJSM and ran 30" conductor casing to 33m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	7 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	31 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	26 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	6	0 Days		
Man Overboard	1	18 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	5	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	16	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 16 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	M2	0000	0030	0.50	155.0m	Continued preparing to skid cantilever.
P2	P	M2	0030	0200	1.50	155.0m	Held PJSM. Skidded cantilever forward. Pinned and secured same.
P2	P	M3	0200	0300	1.00	155.0m	Held PJSM. Jacked up rig to 11.3m operational air gap.
P2	P	G1	0300	0430	1.50	155.0m	Lowered Texas deck.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	M2	0430	0530	1.00	155.0m	Held PJSM. Skidded cantilever aft 25 ft to drilling position, installing access stairs to Texas deck at the same time.
P2	P	G1	0530	0830	3.00	155.0m	Installed access stairs on port and starboard side of cantilever. Hooked up service lines to cantilever and installed mouse hole.
P2	P	G1	0830	0930	1.00	155.0m	Made up 5.5" Drill pipe cement stand with stab in sub and stood back in derrick. Made up second stand with TIW valve and side entry sub and stood back in derrick.
P2	P	G6	0930	1200	2.50	155.0m	Picked up 26"/36" BHA and RIH from surface to 116m. Re-entered hole using ROV.
P2	P	F1	1200	1330	1.50	162.0m	Washed and reamed from 116m to 162m at RPM 120, GPM 600, WOB 1-2 klbs. Note: Depth difference due to change in air gap.
P2	P	D2	1330	1600	2.50	218.0m	Drilled 26"/36" hole from 162m to 218m at RPM 120, GPM 960, WOB 3-5 klbs, SPP 800 psi, Torque 2-3 k ft-lbs. Took surveys at 208m inclination 1 deg, 218m inclination 0.5 deg. Pumped 75 bbls of hi-vis each single drilled.
P2	P	F3	1600	1700	1.00	218.0m	Cleaned hole with 200 bbl hi-vis sweep and then displaced hole with 500 bbls of prehydrated bentonite mud.
P2	P	G8	1700	1900	2.00	218.0m	POOH and racked back BHA. Broke off bit.
P3	P	G1	1900	2200	3.00	218.0m	Installed CTU and work platform at texas deck. Concurrently rigged up to run 30" conductor casing.
P3	P	G9	2200	2400	2.00	218.0m	Held PJSM and ran 30" conductor casing to 33m.

Operations For Period 0000 Hrs to 0600 Hrs on 17 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G9	0000	0600	6.00	218.0m	Ran 30" conductor casing from 33m to 152m. Filled each joint with seawater. Observed shoe enter hole with ROV at seabed. Installed quick "J" anti rotation plate and attached release cable at pivot point. Welded U bolts at regular intervals (one per joint) in a vertical line above the cam lock.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 16 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	5	16 Nov 2008	16 Nov 2008	824.00	34.333	218.0m

General Comments

00:00 TO 24:00 Hrs ON 16 Nov 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 14754

Mud Type:	Gel	API FL:		Cl:		Solids(%vol):		Viscosity	25sec/qt
Sample-From:	Pit 3	Filter-Cake:		K+C*1000:		Low-Gravity Solids:		PV	10cp
Time:	17:30	HTHP-FL:		Hard/Ca:		H2O:		YP	75lb/100ft²
Weight:	8.80ppg	HTHP-cake:		MBT:		Oil(%):		Gels 10s	
Temp:				PM:		Sand:		Gels 10m	
				PF:		pH:		Fann 003	41
						PHPA:		Fann 006	43
								Fann 100	65
								Fann 200	73
								Fann 300	85
								Fann 600	95

Comment

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Bit # 1

Wear	I	O1	D	L	B	G	O2	R
	1	1	NO	A	E	I	NO	TD

Bitwear Comments:

Size :	26 in	IADC#	111	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Reed	WOB(avg)	2.00klb	No.	Size	Progress	63.0m	Cum. Progress	63.0m
Type:	Rock	RPM(avg)	100	1	16/32nd"	On Bottom Hrs	2.5h	Cum. On Btm Hrs	2.5h
Serial No.:	D74635R	F.Rate	800gpm	3	24/32nd"	IADC Drill Hrs	2.5h	Cum IADC Drill Hrs	2.5h
Bit Model	Y11C	SPP	600psi			Total Revs		Cum Total Revs	0
Depth In	112.0m	HSI				ROP(avg)	25.20 m/hr	ROP(avg)	25.20 m/hr
Depth Out	218.0m	TFA	1.522						

Bit Comment

BHA # 1

Weight(Wet)	38.00klb	Length	151.2m	Torque(max)		D.C. (1) Ann Velocity	33fpm
Wt Below Jar(Wet)		String	98.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	32fpm
		Pick-Up		Torque(On.Btm)		H.W.D.P. Ann Velocity	30fpm
		Slack-Off				D.P. Ann Velocity	30fpm

BHA Run Description: 26"bit, 36" H/O, Float sub, Anderdrift,2 x 9.5" DC's, x-over, 7 x 81/4" DC's, x-over, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.61m	26.00in		D74635R	
Hole Opener	2.65m	36.00in		TOT-36-HO-2	
Float Sub	1.23m	9.50in		SS507207	
Pulser	3.42m	9.44in	3.00in	ADTS9114	
Drill Collar	18.81m	9.50in	3.06in		
X/O	1.22m	9.50in	3.00in	7125	
Drill Collar	66.10m	8.25in	2.88in		
X/O	0.93m	8.25in	2.81in	7132	
HWDP	56.11m	5.50in	3.25in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	530	309	0	473.0
Rig Fuel	m3	100	16	0	307.0
POTABLE WATER	MT	117	20	0	371.0
Cement class G	MT	0	0	0	82.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	46	24	0	52.0
Barite	MT	41	0	0	67.0
Brine	m3	0	0	0	58.0
Helifuel	ltr	0	0	0	1,524.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	5

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Personnel On Board

Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Schlumberger (Wireline)	1
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Halliburton	2
Weatherford	3
Dril-Quip	1
K2	3
Fugro Survey	1
Total	78

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Michael Maloney

Available	**1113.0bbl**
Active Mixing	
Hole	433.0bbl
Slug	
Reserve	680.0bbl
Kill	

Losses	**773.7bbl**
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
To sea	773.7bbl
bed	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 16 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	250.0deg	1013.0mbar	10C°	0.8m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2855.00klb	1.5m	280.0deg	11s	

Comments

Position:
Lat: 40deg 29 47.9079" S
Long: 146deg 21' 35.4578" E
5.04m on a bearing of 58.19 deg T from intended position
Rig heading: 136.42 deg T
Leg Penetrations
Bow = 27.94m
Port = 28.44m
Stbd = 27.64m

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	10	100	0	275
Potable Water	m3	0	5	310	0	137
Drill Water	m3	0	0	230	0	0
Barite	Mt	0	0	42	0	0
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	48	0	12
Brine	m3	0	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Enroute to rig.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	18	0	0	241
Potable Water	Mt	94	5	0	0	261
Drill Water	m3	108	0	0	0	733
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 36

17 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	218.0m	Cur. Hole Size	36.000in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	218.0m	Last Casing OD	30.000in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	216.0m	Daily Cost	AUD$1,406,976
Rig	West Triton (semi)	Days from spud	2.23	Shoe MDBRT	216.0m	Cum Cost	AUD$17,051,711
Wtr Dpth (MSL)	78m	Days on well	35.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Laying down 36" hole opener.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Make up 16" BHA, RIH, drill out. Drill ahead 16" hole.		

Summary of Period 0000 to 2400 Hrs

Ran 30" conductor to 216m. Commenced cement job pumping preflush - no returns at seabed.
Worked conductor with CTU. Adapted cement volume and cemented conductor with 80 bbls of slurry.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	8 Days	All personnel mustered at life boats.	Abandon rig drill.
First Aid Case	1	32 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	27 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	13	0 Days		
Man Overboard	1	19 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	11	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	26	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 17 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	P	G9	0000	0600	6.00	218.0m	Ran 30" conductor casing from 33m to 152m. Filled each joint with seawater. Observed shoe enter hole with ROV at seabed. Installed quick "J" anti rotation plate and attached release cable at pivot point. Welded U bolts at regular intervals (one per joint) in a vertical line above the cam lock.
P3	P	G9	0600	0900	3.00	218.0m	Continued running 30" conductor casing from 152m to 216m. Filled each joint with seawater. (Worked through tight spots from 167m to 200m) Welded U bolts at regular intervals (one per joint) in a vertical line above the cam lock. Attached release cable.
P3	P	G9	0900	1200	3.00	218.0m	Confirmed MLS set depth with ROV. Made up Icon clamp on CTU and torqued up same. Tensioned CTU to 70 bar.
P3	P	G9	1200	1230	0.50	218.0m	Held PJSM. Cut 30" conductor 2m above Icon clamp. and laid down first joint of conductor.
P3	P	G9	1230	1330	1.00	218.0m	Held PJSM and laid down two joints of 30" conductor casing.
P3	P	G1	1330	1430	1.00	218.0m	Rigged down Weatherford casing equipment. Rigged up 5.5" drill pipe handling equipment.
P3	P	G8	1430	1700	2.50	218.0m	RIH with stinger and cementing head assembly. Broke circulation and stung into 20" shoe at 215m . Conductor full prior to stinging into 20" shoe.
P3	P	F3	1700	1800	1.00	218.0m	Held PJSM. Rigged up surface lines. Cement unit pumped 10 bbls seawater spacer ahead. Pressure tested surface lines to 1000 psi. Followed by a further 90 bbls of seawater spacer ahead. No returns observed at seabed with ROV.
P3	TP (WB)	F3	1800	2000	2.00	218.0m	Discussed options with town. Unstung stinger and attempted to establish returns whilst stroking CTU up/down 9". No success.
P3	P	F3	2000	2130	1.50	218.0m	Held PJSM and performed revised cementing opeations. Cement unit pumped 2 bbls

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							seawater ahead and pressure tested surface lines to 1000 psi. Mixed and pumped 80 bbls of 15.9 ppg class G cement slurry at 5 bpm with 43 bbls of mix fluid. (17 MT) Displaced cement with 13 bbls of seawater, final pumping pressure at end of displacement 220 psi. Cement in place at 21:00 hrs. No returns observed at seabed. Bled off pressure. No back flow observed, unstung and flushed stinger with 15 bbls of seawater. Rigged down surface lines.
P3	P	G8	2130	2300	1.50	218.0m	Pooh with cement stinger and racked back same.
P3	TP (RE)	G13	2300	2400	1.00	218.0m	Held PJSM. Installed test joint in BOP, for offline testing.

Operations For Period 0000 Hrs to 0600 Hrs on 18 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	TP (RE)	G13	0000	0030	0.50	218.0m	Made up test tool and retrieved tugger from BOPs.
P3	P	G2	0030	0530	5.00	218.0m	Held PJSM. Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
P3	P	G6	0530	0600	0.50	218.0m	(IN PROGRESS) Held PJSM. Laid down 36in hole opener and Anderdrift tool.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 17 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	29	16 Nov 2008	17 Nov 2008	848.00	35.333	218.0m

General Comments

00:00 TO 24:00 Hrs ON 17 Nov 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Mud Type:	Pre hydrated Bentonite	API FL:		Cl:		Solids(%vol):	
Sample-From:	Pit 7	Filter-Cake:		K+C*1000:		Low-Gravity Solids:	3.9%vol
Time:	17:25	HTHP-FL:		Hard/Ca:		H2O:	96%
Weight:	8.80ppg	HTHP-cake:		MBT:	40	Oil(%):	
Temp:				PM:		Sand:	
				PF:		pH:	9.2
						PHPA:	

Cost Today

Viscosity	490sec/qt
PV	15cp
YP	78lb/100ft²
Gels 10s	39
Gels 10m	43
Fann 003	41
Fann 006	44
Fann 100	75
Fann 200	87
Fann 300	93
Fann 600	108

Comment

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	173	324	0	322.0
Rig Fuel	m3	0	9	0	298.0
POTABLE WATER	MT	12	23	0	360.0
Cement class G	MT	0	14	0	68.0
BLENDED CEMENT	MT	0	0	0	43.0
Bentonite	MT	20	28	0	44.0
Barite	MT	0	0	0	67.0
Brine	m3	120	0	0	178.0
Helifuel	ltr	0	0	0	1,524.0

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Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50		97			
2	National 14 P-220	6.50		97			
3	National 14 P-220	6.50		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	5
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Schlumberger (Wireline)	1
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Halliburton	2
Weatherford	3
Dril-Quip	1
K2	3
Fugro Survey	1
Total	78

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Michael Maloney

Available	**1508.0bbl**
Active Mixing	
Hole	244.9bbl
Slug	
Reserve	863.1bbl
Kill	
Seawater	400.0bbl

Losses	**0.0bbl**
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 17 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	7kn	40.0deg	1011.0mbar	12C°	0.3m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2752.00klb	1.0m	280.0deg	11s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	0	0	268
Potable Water	m3	0	5	5	0	127
Drill Water	m3	0	0	230	0	0
Barite	Mt	0	0	42	0	0
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	48	0	12
Brine	m3	0	0	0	0	119

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Pacific Valkyrie	06:15 hrs 17/11/08		Standby Rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	19	0	0	222
Potable Water	Mt	0	0	0	0	256
Drill Water	m3	0	0	173	0	560
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	20	0	22
CEMENT G	Mt	0	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 37

18 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	414.0m	Cur. Hole Size	16.000in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	414.0m	Last Casing OD	30.000in	AFE No.	07/071
Drill Co.	Seadrill	Progress	196.0m	Shoe TVDBRT	216.0m	Daily Cost	AUD$813,402
Rig	West Triton (semi)	Days from spud	3.23	Shoe MDBRT	216.0m	Cum Cost	AUD$17,865,113
Wtr Dpth (MSL)	78m	Days on well	36.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling 16in hole at 614m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill ahead 16in hole to section TD at 810m. POOH to run 13.375in casing.		

Summary of Period 0000 to 2400 Hrs

Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
Made up 16in BHA and RIH tagging cement at 214m. Drilled 20in shoe and rathole to 218m.
Drilled ahead 16in hole to 414m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	0 Days	Simulated fire drill at cement unit	
First Aid Case	1	31 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	28 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	9	0 Days		
Man Overboard	1	20 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	10	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	17	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 18 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P3	TP (RE)	G13	0000	0030	0.50	218.0m	Made up test tool and retrieved tugger from BOPs.
P3	P	G2	0030	0530	5.00	218.0m	Held PJSM. Picked up 20 stands of 5.5in drill pipe from catwalk and racked back in derrick.
P3	P	G6	0530	0730	2.00	218.0m	Held PJSM. Laid down 36in hole opener and Anderdrift tool.
P3	P	G11	0730	0800	0.50	218.0m	Serviced TDS
P4	TP (TP)	G6	0800	0930	1.50	218.0m	Waited on Schlumberger to prepare lifting subs for MWD equipment. Concurrently made up 1 x 16in string stabiliser.
P4	P	G6	0930	1200	2.50	218.0m	Made up 16in bit #2, MWD and LWD tools and RIH with BHA to 184m.
P4	P	G2	1200	1300	1.00	218.0m	Laid out 2 x 5.5in drill pipe singles used for racking back BHA. Schlumberger performed block calibration.
P4	P	G8	1300	1430	1.50	218.0m	RIH from 184m to 213m. Engaged TDS and established flow rates at 600 to 1200 gpm. Welder installed flow indicator marker on conductor pipe.
P4	P	D1	1430	1530	1.00	218.0m	Tagged cement at 214m, drilled out shoe at 216m and cement down to 218m.
P4	P	D2	1530	1800	2.50	253.0m	Drilled 16in hole from 218m to 253m. Average ROP 14 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 80-120, WOB 2-4 klbs. GPM 700, SPM 120, SPP 750 PSI, Torque 1-3 k/ft.lbs.
P4	P	D2	1800	2400	6.00	414.0m	Drilled 16in hole from 253m to 414m. Average ROP 26.8 m/hr, including connections.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 6-9 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections

Operations For Period 0000 Hrs to 0600 Hrs on 19 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0600	6.00	614.0m	Drilled 16" hole from 414m to 614m. Average ROP 33.3 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 5-10 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 18 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	16	18 Nov 2008	18 Nov 2008	872.00	36.333	414.0m

General Comments

00:00 TO 24:00 Hrs ON 18 Nov 2008

Operational Comments	Jar hours (S/N17621371) = 8.5 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today

Mud Type:	Pre hydrated Bentonite	API FL:		Cl:		Solids(%vol):	
Sample-From:	Pit 3	Filter-Cake:		K+C*1000:		Low-Gravity Solids:	3.9%vol
Time:	17;00	HTHP-FL:		Hard/Ca:		H2O:	96%
Weight:	8.80ppg	HTHP-cake:		MBT:	40	Oil(%):	
Temp:				PM:		Sand:	
				PF:		pH:	9.5
						PHPA:	

Viscosity	480sec/qt
PV	15cp
YP	77lb/100ft²
Gels 10s	38
Gels 10m	42
Fann 003	40
Fann 006	43
Fann 100	73
Fann 200	85
Fann 300	92
Fann 600	107

Comment

Bit # 2

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	16 in	IADC#	115	No.	Size	Progress	196.0m	Cum. Progress	196.0m
Mfr:	Hughes	WOB(avg)	8.00klb	3	20/32nd"	On Bottom Hrs	4.7h	Cum. On Btm Hrs	4.7h
Type:	Rock	RPM(avg)	150			IADC Drill Hrs	8.5h	Cum IADC Drill Hrs	8.5h
Serial No.:	6065566	F.Rate	1200gpm			Total Revs		Cum Total Revs	0
Bit Model	GXC1V	SPP	3000psi			ROP(avg)	41.70 m/hr	ROP(avg)	41.70 m/hr
Depth In	218.0m	HSI							
Depth Out		TFA	0.920						

Bit Comment

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BHA # 2

Weight(Wet)	50.00klb	Length	184.0m	Torque(max)	4000ft-lbs	D.C. (1) Ann Velocity	177fpm
Wt Below Jar(Wet)	40.00klb	String	133.00klb	Torque(Off.Btm)	2000ft-lbs	D.C. (2) Ann Velocity	160fpm
		Pick-Up	134.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	130fpm
		Slack-Off	133.00klb			D.P. Ann Velocity	130fpm

BHA Run Description: 16" bit, bit sub c/w float, Power pulse, Sonic Vision 900, 16" stab, 9.5" DC, 16" stab, 9.5" DC, X/O, 7 x 8.25" DC, Jar, 8.25" DC, X/O, 15 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m			6065566	
Bit Sub	1.23m	9.50in	3.00in	7207	
Power Pulse	8.45m	9.25in	4.25in	w484	
Sonic 6	7.69m	9.62in	4.25in	42793	
String Stabiliser	1.71m	15.87in	3.00in	700736	
Drill Collar	9.41m	9.50in	3.00in	1TD	
String Stabiliser	2.26m	15.87in	3.00in	7125	
Drill Collar	9.40m	9.50in	3.20in		
X/O	1.22m	9.50in	3.50in		
Drill Collar	66.10m	8.50in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	8.18in	3.50in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
323.97	1.1	150.8	323.95	-2.7	-2.7	1.5	0.3	MWD
413.38	0.5	198.6	413.35	-3.8	-3.8	1.8	1.0	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	400	182	0	540.0
Rig Fuel	m3	0	24	0	274.0
POTABLE WATER	MT	12	24	0	348.0
Cement class G	MT	0	0	0	68.0
BLENDED CEMENT	MT	0	4	0	39.0
Bentonite	MT	0	5	0	39.0
Barite	MT	0	0	0	67.0
Brine	m3	0	0	0	178.0
Helifuel	ltr	0	769	0	755.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	102	3100	600
2	National 14 P-220	6.50	73.44	97	102	3100	600
3	National 14 P-220	6.50	73.44	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	30

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Personnel On Board

Tamboritha	2
Baroid	2
Schlumberger (Wireline)	3
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Weatherford	3
Dril-Quip	2
Total	80

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Michael Maloney

Available	**3974.5bbl**
Active Mixing	
Hole	612.5bbl
Slug	
Reserve	2962.0bbl
Kill	
Seawater	400.0bbl

Losses	**593.0bbl**
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
overboard returns	593.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 18 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	100.0deg	1008.0mbar	13C°	0.9m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		3032.00klb	1.2m	280.0deg	11s	

Comments

Vessel Name	**Arrived (Date/Time)**	**Departed (Date/Time)**	**Status**
Pacific Battler			Standby Rig

Item	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
Rig Fuel	m3	0	3	0	0	265
Potable Water	m3	0	5	5	0	122
Drill Water	m3	0	0	230	0	0
Barite	Mt	0	0	42	0	0
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	48	0	12
Brine	m3	0	0	0	0	0

Vessel Name	**Arrived (Date/Time)**	**Departed (Date/Time)**	**Status**
Pacific Valkyrie		15:00 hrs 18/11/08	Enroute to Geelong ETA 08:00 hrs 19/11/08

Item	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
Rig Fuel	m3	0	12	0	0	210
Potable Water	Mt	0	5	170	0	81
Drill Water	m3	0	160	400	0	0
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	20	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	1015 / 1038	15 / 13	Crew Change

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 38

19 Nov 2008 **From:** Rocco Rossouw / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	810.0m	Cur. Hole Size	16.000in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	810.0m	Last Casing OD	30.000in	AFE No.	07/071
Drill Co.	Seadrill	Progress	396.0m	Shoe TVDBRT	216.0m	Daily Cost	AUD$761,859
Rig	West Triton (semi)	Days from spud	4.23	Shoe MDBRT	216.0m	Cum Cost	AUD$18,626,972
Wtr Dpth (MSL)	78m	Days on well	37.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	RIH with MLS hanger assembly.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Make up 13.375" landing string and RIH. Pick up and make up the 18.75" wellhead assembly and RIH. Land out 13.375" casing at MLS ring. Circulate and perform cementing operations. Rig up and run BOP.		

Summary of Period 0000 to 2400 Hrs

Drilled 16" hole from 414m to 810m. Swept hole with 200 bbls hi-vis and displaced hole with 700 bbls hi-vis mud.
POOH with 16" BHA. Made up cementing stand and racked in derrick. Rigged up to run 13.375" casing and concurrently made final cut on 30" conductor.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	1 Day	Simulated fire drill at cement unit	
First Aid Case	1	32 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	29 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	21 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	28	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 19 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P4	P	D2	0000	0600	6.00	614.0m	Drilled 16" hole from 414m to 614m. Average ROP 33.3 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 5-10 klbs. GPM 1200, SPM 206, SPP 2000 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.
P4	P	D2	0600	1230	6.50	810.0m	Drilled 16" hole from 614m to 810m. Average ROP 30.1 m/hr, including connections. Pumped 50 bbls hi-vis mid stand and prior to each connection. Average parameters: RPM 150, WOB 9-12 klbs. GPM 1200, SPM 206, SPP 2150 PSI, Torque 2-4 k/ft.lbs. Reamed every stand and took survey every 3 connections.
P4	P	F3	1230	1300	0.50	810.0m	Down linked Schlumber sonic tools with rates of 1000 - 1200 gpm.
P4	P	F3	1300	1430	1.50	810.0m	Pumped 2 x 100 bbl hi-vis sweeps and displaced hole with 700 bbls hi-vis mud.
P4	P	G8	1430	1630	2.00	810.0m	POOH with 5.5" drill pipe from 810m to 184m
P4	P	G6	1630	1930	3.00	810.0m	POOH with 16" BHA from 184m to surface. Laid out MWD/LWD tools.
P5	P	G1	1930	2030	1.00	810.0m	Made up cement stand and stood back in derrick.
P5	P	G1	2030	2300	2.50	810.0m	Held PJSM and rigged up weatherford casing handling equipment.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	TP (TP)	G1	2300	2400	1.00	810.0m	Made final cut on 30" conductor at 8.60m in on joint # 17. Made final cut on 30" conductor at 8.60m on joints #17. Investigated problems with Weatherford hydraulic unit and FMS. Concurrently held PJSM, prior to running casing.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	G9	0000	0600	6.00	810.0m	(IN PROGRESS) Picked up 13.375" casing shoe joint. Baker locked float joint to shoe, checked float equipment and continued running 13.375" casing as per casing tally to 778m. Filled each joint whilst RIH.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 19 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	4.5	19 Nov 2008	19 Nov 2008	896.00	37.333	810.0m

General Comments

00:00 TO 24:00 Hrs ON 19 Nov 2008

Operational Comments	Jar hours (S/N17621371) = 21.0 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Mud Type:	Pre hydrated Bentonite	API FL:		Cl:		Solids(%vol):	4%
Sample-From:	Pit 4	Filter-Cake:		K+C*1000:		Low-Gravity Solids:	3.9%vol
Time:	12:30	HTHP-FL:		Hard/Ca:		H2O:	96%
Weight:	8.80ppg	HTHP-cake:		MBT:	40	Oil(%):	
Temp:				PM:		Sand:	
				PF:		pH:	9.5
						PHPA:	

Viscosity	488sec/qt
PV	18cp
YP	83lb/100ft²
Gels 10s	44
Gels 10m	47
Fann 003	43
Fann 006	45
Fann 100	75
Fann 200	89
Fann 300	101
Fann 600	119

Comment

Cost Today

Bit # 2

Wear	I	O1	D	L	B	G	O2	R
	1	1	NO	A	E	I	NO	TD

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	16 in	IADC#	115	No.	Size	Progress	396.0m	Cum. Progress	592.0m
Mfr:	Hughes	WOB(avg)	8.00klb	3	20/32nd"	On Bottom Hrs	6.9h	Cum. On Btm Hrs	11.6h
Type:	Rock	RPM(avg)	150			IADC Drill Hrs	12.5h	Cum IADC Drill Hrs	21.0h
Serial No.:	6065566	F.Rate	1200gpm			Total Revs		Cum Total Revs	0
Bit Model	GXC1V	SPP	2100psi			ROP(avg)	57.39 m/hr	ROP(avg)	51.03 m/hr
Depth In	218.0m	HSI							
Depth Out	810.0m	TFA	0.920						

Bit Comment

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BHA # 2

Weight(Wet)	50.00klb	Length	184.0m	Torque(max)	4000ft-lbs	D.C. (1) Ann Velocity	177fpm
Wt Below Jar(Wet)	40.00klb	String	154.00klb	Torque(Off.Btm)	2000ft-lbs	D.C. (2) Ann Velocity	160fpm
		Pick-Up	157.00klb	Torque(On.Btm)	2000ft-lbs	H.W.D.P. Ann Velocity	130fpm
		Slack-Off	152.00klb			D.P. Ann Velocity	130fpm

BHA Run Description: 16" bit, bit sub c/w float, Power pulse, Sonic Vision 900, 16" stab, 9.5" DC, 16" stab, 9.5" DC, X/O, 7 x 8.25" DC, Jar, 8.25" DC, X/O, 15 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.41m			6065566	
Bit Sub	1.23m	9.50in	3.00in	7207	
Power Pulse	8.45m	9.25in	4.25in	w484	
Sonic 6	7.69m	9.62in	4.25in	42793	
String Stabiliser	1.71m	15.87in	3.00in	700736	
Drill Collar	9.41m	9.50in	3.00in	1TD	
String Stabiliser	2.26m	15.87in	3.00in	7125	
Drill Collar	9.40m	9.50in	3.20in		
X/O	1.22m	9.50in	3.50in		
Drill Collar	66.10m	8.50in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	8.18in	3.50in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
502.18	0.2	197.8	502.15	-4.3	-4.3	1.6	0.3	MWD
591.80	0.4	226.9	591.77	-4.7	-4.7	1.3	0.3	MWD
679.52	0.1	321.4	679.49	-4.8	-4.8	1.1	0.5	MWD
768.28	0.2	271.3	768.25	-4.8	-4.8	0.9	0.2	MWD
803.99	0.2	236.9	803.96	-4.8	-4.8	0.8	0.3	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	12	0	528.0
Rig Fuel	m3	0	21	0	253.0
POTABLE WATER	MT	12	25	0	335.0
Cement class G	MT	0	0	0	68.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	12	0	0	51.0
Barite	MT	0	0	0	67.0
Brine	m3	0	0	0	178.0
Helifuel	ltr	0	325	0	430.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	102	3100	600
2	National 14 P-220	6.50	73.44	97	102	3100	600
3	National 14 P-220	6.50	73.44	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Personnel On Board

Company	Pax
ADA	7

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Personnel On Board

Seadrill	13
Catering	9
Seadrill Services	30
Tamboritha	2
Baroid	2
Schlumberger (Wireline)	3
Schlumberger MWD/LWD	3
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Weatherford	6
Dril-Quip	2
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	2212.8bbl
Active Mixing	
Hole	977.8bbl
Slug	
Reserve	1000.0bbl
Kill	
Drill Water	235.0bbl

Losses	1604.2bbl
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
overboard	1604.2bbl
no returns	

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 19 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	22kn	100.0deg	1008.0mbar	13C°	1.1m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2841.00klb	1.5m	280.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Standby Rig

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	2	0	0	263
Potable Water	m3	0	5	5	0	117
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	12	0	0
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Geelong

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	442	9	0	0	643
Potable Water	Mt	250	5	0	0	326
Drill Water	m3	190	0	0	0	190
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	20	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	BRISTOW HELICOPTERS AUSTRALIA PTY LTD	0955 / 1013	4 / 1	Weatherford Crew

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Australian Drilling Associates Pty Ltd ADA

20 Nov 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 39
PeeJay-1

Well Data

Country	Australia	MDBRT	810.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	810.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$1,125,678
Rig	West Triton (semi)	Days from spud	5.23	Shoe MDBRT	804.0m	Cum Cost	AUD$19,752,650
Wtr Dpth (MSL)	78m	Days on well	38.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Pressure testing, IBOP valves.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Pressure test casing and wellhead against BSR. Pick up 5.5" drill pipe for drilling 12.25" section. Make up 12.25" BHA and RIH, drill out shoe track and 3m new formation. Perform LOT. Drill 12.25" hole section.		

Summary of Period 0000 to 2400 Hrs

Ran 13.375" casing, picked up wellhead assembly and landed out casing at MLS hanger. Cemented and displaced casing - did not bump plug. Adjusted landing ring on 18.75" wellhead and landed out on 30" conductor. Laid down equipment, rigged up and ran BOP, mandrel, overshot and diverter.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	2 Days	Simulated fire drill at cement unit	
First Aid Case	1	33 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	30 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	15	0 Days		
Man Overboard	1	22 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	17	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	22	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 20 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	G9	0000	0800	8.00	810.0m	Picked up 13.375" casing shoe joint. Baker locked float joint to shoe, checked float equipment and continued running 13.375" casing as per casing tally to 778m. Filled each joint whilst RIH.
P5	P	G1	0800	0900	1.00	810.0m	Rigged down Weatherford casing handling equipment. Changed handling equipment from 13.375" casing to 5.5" drill pipe.
P5	P	G9	0900	1200	3.00	810.0m	Picked up Dril-Quip 18.75" wellhead assembly and made up same to 13.375" casing. Made up cementing head and rigged up surface lines. Broke circulation and landed 13.375" casing sting at MLS hanger.
P5	P	F3	1200	1300	1.00	810.0m	Circulated casing volume. Held PJSM for cement job.
P5	P	F3	1300	1530	2.50	810.0m	Cemented 13.375" casing as follows: Pumped 10 bbls of drill water ahead, pressure tested surface lines to 3000 psi. Followed by a further 60 bbls of drill water ahead. Mixed and pumped 142 bbls of 15.8 ppg class G cement (29.3 MT), with 83.5 bbls of mix fluid. Released dart from cement head - no sign of engaging plug. Pumped 10 bbls of seawater. Changed over to rig pumps and displaced cement with 369 bbls (2655 stks, 97% eff). Failed to bump plug. Bled off 300 psi differential pressure - floats holding. Estimated TOC from pressure differential = 500m.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P5	P	G1	1530	1630	1.00	810.0m	Flushed surface lines and rigged down same. Adjusted landing ring on 18.75" wellhead and landed out on 30" conductor
P5	P	G1	1630	1730	1.00	810.0m	Released and recovered Dril-Quip clutch type running tool and cement head.
P5	P	G1	1730	1900	1.50	810.0m	Installed annulus valves and blind flanges on wellhead. Laid down cement stinger and crossovers, running tool and cement head. Note: Found 13 3/8" cement plug still attached to launch sub and found that dart had hung up on square shoulder of crossover that was used above the well head running tool.
P6	P	G13	1900	2030	1.50	810.0m	Held PJSM, moved and lowered BOP and nippled up same to wellhead. Ran mandrel and torqued up same. Increased CTU to 144 bar.
P6	P	G13	2030	2400	3.50	810.0m	Ran mandrel and torqued up same. Picked up overshot riser and set in rotary.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G13	0000	0130	1.50	810.0m	Continued running overshot and diverter.
P6	P	G13	0130	0200	0.50	810.0m	Rigged down handling equipment for diverter.
P6	P	G13	0200	0300	1.00	810.0m	Pulled Diverter insert bushing. Made up running tool and ran 18.75" nominal bore protector to wellhead at 18m.
P6	P	G6	0300	0430	1.50	810.0m	Laid down 1 x 8.25" drill collar and 2 x 9.5" drill collars.
P6	P	P1	0430	0600	1.50	810.0m	(IN PROGRESS) Held PJSM. Rigged up to pressure test upper and lower IBOP valves to 250/5000 psi for 5/5 mins.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 20 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	5	20 Nov 2008	20 Nov 2008	920.00	38.333	810.0m

General Comments

00:00 TO 24:00 Hrs ON 20 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	Jar hours (S/N17621371) = 21.0 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Mud Type:	Pre hydrated Bentonite	API FL:	Cl:		Solids(%vol):	4%	Viscosity 488sec/qt
Sample-From:	Pit 4	Filter-Cake:	K+C*1000:		Low-Gravity Solids:	3.9%vol	PV 18cp
Time:	12:30	HTHP-FL:	Hard/Ca:		H2O:	96%	YP 83lb/100ft²
Weight:	8.80ppg	HTHP-cake:	MBT:	40	Oil(%):		Gels 10s 44
Temp:			PM:		Sand:		Gels 10m 47
			PF:		pH:	9.5	Fann 003 43
					PHPA:		Fann 006 45
							Fann 100 75
							Fann 200 89
							Fann 300 101
							Fann 600 119

Comment

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	230	0	298.0

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Rig Fuel	m3	0	1	0	252.0
POTABLE WATER	MT	0	16	0	319.0
Cement class G	MT	0	30	0	38.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	2	0	65.0
Brine	m3	0	0	0	178.0
Helifuel	ltr	0	0	0	430.0

Pumps

Pump Data - Last 24 Hrs | **Slow Pump Data**

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	73.44	97	102	3100	600										
2	National 14 P-220	6.50	73.44	97	102	3100	600										
3	National 14 P-220	6.50	73.44	97													

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Dril-Quip	2
Halliburton	2
Schlumberger MWD/LWD	3
Total	77

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**2212.8bbl**
Active Mixing	
Hole	977.8bbl
Slug	
Reserve	1000.0bbl
Kill	
Drill Water	235.0bbl

Losses	**1604.2bbl**
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
overboard no returns	1604.2bbl

Equipment	Description	Mesh Size	Comments
Shaker 1	VSM-300	89	
Shaker 1	VSM-300	89	
Shaker 2	VSM-300	89	
Shaker 2	VSM-300	89	
Shaker 3	VSM-300	89	
Shaker 3	VSM-300	89	
Shaker 4	VSM-300	89	
Shaker 4	VSM-300	89	

Marine

Weather on 20 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	40kn	235.0deg	1008.0mbar	11C°	1.5m	280.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2710.00klb	2.0m	280.0deg	6s	

Comments

Vessel Name	Arrived (Date/Time)	Departed	Status	Bulks

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(Date/Time)										
Pacific Battler		18:15 hrs 20/11/08	Enroute to Geelong. ETA 11:00 hrs 21/11/08	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	5	0	0	258
				Potable Water	m3	0	5	5	0	112
				Drill Water	m3	0	0	0	0	0
				Barite	Mt	0	0	0	0	0
				CEMENT G	Mt	0	0	0	0	83
				Bentonite	Mt	0	0	12	0	0
				Brine	m3	0	0	0	0	0
Pacific Valkyrie	17:15 hrs 20/11/08		Standby at rig	**Item**	**Unit**	**In**	**Used**	**Transfer to Rig**	**Adjust**	**Quantity**
				Rig Fuel	m3	0	20	0	0	623
				Potable Water	Mt	0	5	0	0	321
				Drill Water	m3	0	0	0	0	190
				Barite	Mt	0	0	0	0	35
				Bentonite	Mt	0	0	20	0	22
				CEMENT G	Mt	0	0	0	0	58
Next crew change due Thursday 4th December 2008.										

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	1307 / 1323	14 / 8	Weatherford / SCH Crew Change

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 40

21 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	810.0m	Cur. Hole Size		AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	810.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$1,003,897
Rig	West Triton (semi)	Days from spud	6.23	Shoe MDBRT	804.0m	Cum Cost	AUD$20,756,547
Wtr Dpth (MSL)	78m	Days on well	39.33	FIT/LOT:	/		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling cement and shoe track, whilst displacing well to KCl/Polymer system.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill out shoe track and 3m of new formation. Perform LOT. Drill 12.25" hole section.		

Summary of Period 0000 to 2400 Hrs

Completed running overshot and diverter. Ran and set 18.75" nominal wear bushing. Laid down 9.5" drill collars. Pressure tested IBOP valves. Pressure tested casing to 2500 psi. Picked up 12.25" BHA and shallow tested BHA tools. RIH with 12.25" BHA to 146m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	3 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	3 Days	Simulated fire drill at cement unit	
First Aid Case	1	34 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	31 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	10	0 Days		
Man Overboard	1	23 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	27	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G13	0000	0130	1.50	810.0m	Continued running overshot and diverter.
P6	P	G13	0130	0200	0.50	810.0m	Rigged down handling equipment for diverter.
P6	P	G13	0200	0300	1.00	810.0m	Pulled Diverter insert bushing. Made up running tool and ran 18.75" nominal bore protector to wellhead at 18m.
P6	P	G6	0300	0430	1.50	810.0m	Laid down 1 x 8.25" drill collar and 2 x 9.5" drill collars.
P6	P	P1	0430	0700	2.50	810.0m	Held PJSM. Rigged up to pressure test upper and lower IBOP valves to 250/5000 psi for 5/5 mins.
P6	P	P1	0700	0800	1.00	810.0m	Held PJSM, rigged up and pressure tested 13.375" casing against blind/shear rams to 2500 psi/10 min.
P11	P	G1	0800	0900	1.00	810.0m	Rigged down surface lines and rigged up handling equipment for picking up 5.5" drill pipe from catwalk.
P11	P	G2	0900	1400	5.00	810.0m	Held PJSM. Picked up 20 stands of 5.5" drill pipe from catwalk and racked back in derrick.
P11	P	G6	1400	1630	2.50	810.0m	Held PJSM and picked up 12.25" bit and Schlumberger BHA.
P11	P	G6	1630	1800	1.50	810.0m	Engaged TDS to shallow test MWD/LWD tools. Schlumberger "Ideal Computer" crashed, unable to re-start. Changed and re-configured other computer. Completed testing MWD/LWD tools at 800 gpm.
P11	TP (TP)	G6	1800	2000	2.00	810.0m	Held PJSM and attempted to load radio active source in ADN tool - no success. Unable to locate thread to latch the source handling tool. Schlumberger discussed problem with

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							shore base, whilst continuing to attempt to engage handling tool without success.
P11	TP (TP)	G6	2000	2030	0.50	810.0m	Schlumberger tested radio active handling tool on secondary ADN tool on deck. Good test.
P11	TP (TP)	G6	2030	2100	0.50	810.0m	Broke out and laid down faulty primary ADN tool.
P11	TP (TP)	G6	2100	2130	0.50	810.0m	Loaded batteries and energised secondary ADN tool.
P11	TP (TP)	G6	2130	2230	1.00	810.0m	Picked up and made up secondary ADN tool. Engaged TDS and shallow tested same at 800 gpm, 950 psi. Good test.
P11	P	G6	2230	2300	0.50	810.0m	Held PJSM and loaded radio active source.
P11	P	G6	2300	2400	1.00	810.0m	RIH with BHA from 32m to 146m

Operations For Period 0000 Hrs to 0600 Hrs on 22 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G6	0000	0030	0.50	810.0m	Engaged TDS and shallow tested MWD/LWD tools at 800 gpm, 950 psi.
P11	P	G2	0030	0430	4.00	810.0m	Held PJSM. Picked up 20 stands of 5.5" drill pipe from catwalk and RIH to 762m
P11	P	G8	0430	0500	0.50	810.0m	RIH from 762m and tagged cement at 781m with 5 klbs.
P11	P	D1	0500	0600	1.00	813.0m	(IN PROGRESS) Drilled cement and shoetrack from 781m to 798m. Commenced displacing well to KCl/Polymer mud, whilst continuing drilling shoetrack and 3m of new formation to 813m.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 21 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	16	21 Nov 2008	21 Nov 2008	944.00	39.333	810.0m

General Comments

00:00 TO 24:00 Hrs ON 21 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	Jar hours (S/N17621371) = 21.0 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 57651

Mud Type:	Pre hydrated Bentonite	API FL:	Cl:	Solids(%vol):	4%	Viscosity	488sec/qt
		Filter-Cake:	K+C*1000:	Low-Gravity Solids:	3.9%vol	PV	18cp
Sample-From:	Pit 4	HTHP-FL:	Hard/Ca:			YP	83lb/100ft²
Time:	12:30	HTHP-cake:	MBT: 40	H2O:	96%	Gels 10s	44
Weight:	8.80ppg		PM:	Oil(%):		Gels 10m	47
Temp:			PF:	Sand:		Fann 003	43
				pH:	9.5	Fann 006	45
				PHPA:		Fann 100	75
						Fann 200	89
						Fann 300	101
						Fann 600	119

Comment

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Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments: All cutting structure and blades worn down to bit body.

Size :	12 1/4 in	IADC#	M422	**Nozzles**		**Drilled over last 24 hrs**	**Calculated over Bit Run**
Mfr:	Reed	WOB(avg)		No.	Size	Progress	Cum. Progress 0.0m
Type:	PDC	RPM(avg)		3	15/32nd"	On Bottom Hrs	Cum. On Btm Hrs 0.0h
Serial No.:	218663	F.Rate		3	13/32nd"	IADC Drill Hrs	Cum IADC Drill Hrs 0.0h
Bit Model	RSX616M-A16	SPP				Total Revs	Cum Total Revs 0
Depth In	810.0m	HSI				ROP(avg) N/A	ROP(avg) 0.00 m/hr
Depth Out		TFA	0.907				

Bit Comment

BHA # 3

Weight(Wet)	40.00klb	Length	146.3m	Torque(max)		D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	25.00klb	String	146.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	146.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	0fpm
		Slack-Off	146.00klb			D.P. Ann Velocity	0fpm

BHA Run Description: 12.25" bit, bit sub c/w float, ARC-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 4 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.25in		218663	
Bit Sub	1.22m	8.25in	2.80in	7221	
ARC8	5.79m	8.31in		1106	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	6.84m	8.31in		41229	
ADN 8	9.18m	8.12in		42736	
Drill Collar	37.78m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	200	202	0	296.0
Rig Fuel	m3	0	9	0	243.0
POTABLE WATER	MT	12	25	0	306.0
Cement class G	MT	0	0	0	38.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	65.0
Brine	m3	0	0	0	178.0
Helifuel	ltr	0	0	0	430.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	102	3100	600
2	National 14 P-220	6.50	73.44	97	102	3100	600
3	National 14 P-220	6.50	73.44	97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

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Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Dril-Quip	2
Halliburton	2
Schlumberger MWD/LWD	3
Total	77

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	2212.8bbl
Active Mixing	
Hole	977.8bbl
Slug	
Reserve	1000.0bbl
Kill	
Drill Water	235.0bbl

Losses	1604.2bbl
Downhole	
Surf+ Equip	0.0bbl
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	
overboard no returns	1604.2bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 2	VSM-300	89
Shaker 3	VSM-300	89
Shaker 4	VSM-300	89

Comments

Marine

Weather on 21 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	18kn	170.0deg	987.0mbar	10C°	1.1m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2773.00klb	1.0m	280.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		18:15 hrs 20/11/08	Enroute to Geelong. ETA 11:00 hrs 21/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	396	18	0	0	636
Potable Water	m3	0	5	5	0	112
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	0	0	12	0	0
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	17:15 hrs 20/11/08		Standby at rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	612
Potable Water	Mt	0	5	64	0	252
Drill Water	m3	0	0	136	0	54
Barite	Mt	0	0	0	0	35
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Next crew change due Thursday 4th December 2008.

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DRILLING MORNING REPORT # 41

22 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	1296.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	1296.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	486.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$859,110
Rig	West Triton (semi)	Days from spud	7.23	Shoe MDBRT	804.0m	Cum Cost	AUD$21,615,657
Wtr Dpth (MSL)	78m	Days on well	40.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling 12.25" hole at 1412m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill ahead 12.25" hole.		

Summary of Period 0000 to 2400 Hrs

Shallow tested MWD/LWD tools. Picked up 20 stands 5.5' drill pipe. RIH and tagged cement at 781m. Drilled cement and shoetrack whilst displacing well to KCl/Polymer. Drilled 3m of new formation and performed a LOT to 15.55 ppg EMW. Drilled ahead 12.25" hole from 813m to 1296m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	4 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	4 Days	Simulated fire drill at cement unit	
First Aid Case	1	35 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	32 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	9	0 Days		
Man Overboard	1	24 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	14	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	33	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 22 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G6	0000	0030	0.50	810.0m	Engaged TDS and shallow tested MWD/LWD tools at 800 gpm, 950 psi.
P11	P	G2	0030	0430	4.00	810.0m	Held PJSM. Picked up 20 stands of 5.5" drill pipe from catwalk and RIH to 762m
P11	P	G8	0430	0500	0.50	810.0m	RIH from 762m and tagged cement at 781m with 5 klbs.
P11	P	D1	0500	0630	1.50	813.0m	Drilled cement and shoetrack from 781m to 798m. Commenced displacing well to KCl/Polymer mud, whilst continuing drilling shoetrack and 3m of new formation to 813m.
P11	P	F4	0630	0700	0.50	813.0m	Circulated and conditioned mud to 8.8 ppg.
P11	P	E1	0700	0900	2.00	813.0m	Lined up and pressure tested surface lines to 2500 psi. Performed LOT. Formation broke down at 928 psi, EMW 15.55 ppg.
P11	P	D8	0900	1200	3.00	813.0m	Drilled 12.25" hole from 813m to 883m. Average Parameters: ROP 23.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2300 psi, Torque 1-3 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
P11	P	D8	1200	1800	6.00	1090.0m	Drilled 12.25" hole from 883m to 1090m. Average Parameters: ROP 34.5 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2400 psi, Torque 2-3 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
P11	P	D8	1800	2400	6.00	1296.0m	Drilled 12.25" hole from 1090m to 1296m. Average Parameters: ROP 33.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2750 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.

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Operations For Period 0000 Hrs to 0600 Hrs on 23 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	1412.0m	Drilled 12.25" hole from 1296m to 1412m. Average Parameters: ROP 19.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2860 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 22 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	40	21 Nov 2008	22 Nov 2008	968.00	40.333	1296.0m

General Comments

00:00 TO 24:00 Hrs ON 22 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	Jar hours (S/N17621371) = 40.5 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 38660

Mud Type:	Pre hydrated Bentonite	API FL:	4.2cc/30min	Cl:	35000mg/l	Solids(%vol):	3%	Viscosity	65sec/qt
Sample-From:	Pit 4	Filter-Cake:	1/32nd"	K+C*1000:		Low-Gravity Solids:	0.3%vol	PV	19cp
Time:	21:30	HTHP-FL:		Hard/Ca:		H2O:	94%	YP	32lb/100ft²
Weight:	9.50ppg	HTHP-cake:		MBT:	1.2	Oil(%):		Gels 10s	7
Temp:	44C°			PM:		Sand:		Gels 10m	9
				PF:		pH:	9.5	Fann 003	6
						PHPA:		Fann 006	8
								Fann 100	29
								Fann 200	41
								Fann 300	51
								Fann 600	70

Comment

Bit # 3

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments: All cutting structure and blades worn down to bit body.

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	12 1/4 in	IADC#	M422	No.	Size	Progress	486.0m	Cum. Progress	486.0m
Mfr:	Reed	WOB(avg)	8.00klb	3	15/32nd"	On Bottom Hrs	8.4h	Cum. On Btm Hrs	8.4h
Type:	PDC	RPM(avg)	150	3	13/32nd"	IADC Drill Hrs	15.5h	Cum IADC Drill Hrs	15.5h
Serial No.:	218663	F.Rate	1200gpm			Total Revs		Cum Total Revs	0
Bit Model	RSX616M-A16	SPP	2680psi			ROP(avg)	57.86 m/hr	ROP(avg)	57.86 m/hr
Depth In	810.0m	HSI	8.96HSI						
Depth Out		TFA	0.907						

Bit Comment

BHA # 3

Weight(Wet)	40.00klb	Length	146.3m	Torque(max)		D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	25.00klb	String	146.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm

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	Pick-Up	146.00klb	Torque(On.Btm)	H.W.D.P. Ann Velocity	245fpm
	Slack-Off	146.00klb		D.P. Ann Velocity	245fpm

BHA Run Description	12.25" bit, bit sub c/w float, ARC-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 4 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.
BHA Run Comment	

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.25in		218663	
Bit Sub	1.22m	8.25in	2.80in	7221	
ARC8	5.79m	8.31in		1106	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	6.84m	8.31in		41229	
ADN 8	9.18m	8.12in		42736	
Drill Collar	37.78m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
842.85	0.4	127.4	842.82	-4.9	-4.9	0.8	1.3	MWD
930.97	0.4	102.9	930.94	-5.2	-5.2	1.4	0.2	MWD
1019.59	0.4	112.0	1019.55	-5.4	-5.4	1.9	0.1	MWD
1048.56	0.3	126.1	1048.52	-5.5	-5.5	2.1	0.5	MWD
1108.49	0.3	130.2	1108.45	-5.7	-5.7	2.3	0.0	MWD
1167.38	0.2	122.0	1167.34	-5.8	-5.8	2.5	0.2	MWD
1285.80	0.7	61.0	1285.76	-5.6	-5.6	3.4	0.5	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	10	0	286.0
Rig Fuel	m3	0	9	0	234.0
POTABLE WATER	MT	12	24	0	294.0
Cement class G	MT	0	0	0	38.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	10	0	55.0
Brine	m3	120	178	0	120.0
Helifuel	ltr	5135	0	0	5,565.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	68	2800	400
2	National 14 P-220	6.50	73.44	97	68	2800	400
3	National 14 P-220	6.50	73.44	97	68	2800	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1150.0	30	140	175	40	200	234	50	220	292
1150.0	30	150	175	40	200	234	50	220	292
1150.0	30	150	175	40	200	234	50	220	292

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2

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Personnel On Board

Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Dril-Quip	2
Halliburton	2
Schlumberger MWD/LWD	3
Total	77

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**2942.8bbl**	**Losses**	**147.0bbl**	Equipment	Description	Mesh Size	Comments
Active	398.0bbl	Downhole		Shaker 1	VSM-300	89	
Mixing	450.0bbl	Surf+ Equip	147.0bbl	Shaker 1	VSM-300	89	
Hole	602.8bbl	Dumped		Shaker 2	VSM-300	89	
Slug		De-Gasser		Shaker 2	VSM-300	89	
Reserve	1492.0bbl	De-Sander		Shaker 3	VSM-300	89	
Kill		De-Silter		Shaker 3	VSM-300	89	
		Centrifuge		Shaker 4	VSM-300	89	
				Shaker 4	VSM-300	89	

Marine

Weather on 22 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	30kn	150.0deg	987.0mbar	13C°	2.1m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2798.00klb	2.2m	280.0deg	12s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		18:15 hrs 20/11/08	Geelong. ETD at 06:00 hrs 23/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	635
Potable Water	m3	348	5	0	0	450
Drill Water	m3	120	0	0	0	120
Barite	Mt	42	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	42	0	0	0	42
Brine	m3	119	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	17:15 hrs 20/11/08		Standby at rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	601
Potable Water	Mt	0	5	0	0	247
Drill Water	m3	0	0	0	0	54
Barite	Mt	0	0	15	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

15 ton Barite discrepancy to be confirmed.

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DRILLING MORNING REPORT # 42

23 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	1454.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	1454.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	158.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$927,113
Rig	West Triton (semi)	Days from spud	8.23	Shoe MDBRT	804.0m	Cum Cost	AUD$22,542,770
Wtr Dpth (MSL)	78m	Days on well	41.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	RIH at 320m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	RIH to TD and drill ahead 12.25" hole.		

Summary of Period 0000 to 2400 Hrs

Drilled 12.25" hole from 1296m to 1454m. POOH to surface and laid out MWD/LWD tools.
Schlumberger downloaded data from MWD/LWD tools. Replaced batteries and energised tools.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	0 Days	Simulated fire drill at BOP unit	
First Aid Case	1	36 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	33 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	8	0 Days		
Man Overboard	1	25 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	34	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 23 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	1412.0m	Drilled 12.25" hole from 1296m to 1412m. Average Parameters: ROP 19.3 m/hr including connections, WOB 2-8 klbs, RPM 150, GPM 1200, SPM 205, SPP 2860 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections.
P11	P	D8	0600	1200	6.00	1453.0m	Drilled 12.25" hole from 1412m to 1453m. Average Parameters: ROP 6.8 m/hr including connections, WOB 3-21 klbs, RPM 80-170, GPM 1200, SPM 205, SPP 2800 psi, Torque 3-4 k/ft.lbs. Varied parameters to optimise ROP. Reamed every stand and took surveys every 3 connections. Note: Encountered hard sandstone/pyrite/dolomite stringer at 1452 m - adjusted drilling parameters to optimize ROP and reduce shock loads on MWD tools.
P11	P	D8	1200	1400	2.00	1454.0m	Drilled 12.25" hole from 1453m to 1454m. Average Parameters: ROP 0.4 m/hr, WOB 20-22 klbs, RPM 90, GPM 1000, SPM 170, SPP 2500 psi, Torque 3-4 k/ft.lbs. Continued drilling hard sandstone/pyrite/dolomite stringer at 1452 m - adjusted drilling parameters to optimize ROP and reduce shock loads on MWD tools.
P11	P	G8	1400	1800	4.00	1454.0m	Flow checked well (10 mins). Well static. POOH from 1454m to 146m. Max intermittent overpull of 10-15k from 1200m to 1100m. Flow checked at shoe and prior to pulling BHA through BOP.
P11	P	G6	1800	1830	0.50	1454.0m	POOH with BHA from 146m to 32m.
P11	P	G6	1830	1900	0.50	1454.0m	Held PJSM. Recovered radio active source from ADN tool.
P11	P	G6	1900	2130	2.50	1454.0m	Broke off and inspected bit. Cutting structure and blades completely worn down to bit body. Laid out MWD/LWD logging tools from 32m to surface. Observed damaged threads on

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Printed on 27 May 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							6 5/8" Reg x 6 5/8" FH crossover (S/N 0SS0805088K), Sonic tool box end (S/N SN42736), ADN crossover pin end (S/N SBD4791)
P11	P	G6	2130	2400	2.50	1454.0m	Schlumberger downloaded data from MWD/LWD logging tools. Installed new batteries and energised tools. Concurrently serviced rig and prepared shale shakers for drilling.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G6	0000	0100	1.00	1454.0m	Schlumberger energized tools.
P11	P	G6	0100	0300	2.00	1454.0m	Picked up 12.25in BHA and RIH to 32m.
P11	P	G6	0300	0330	0.50	1454.0m	Made up TDS and shallow tested MWD/LWD tools at 800 gpm, 1000 psi.
P11	P	G6	0330	0400	0.50	1454.0m	Held PJSM and loaded radio active source.
P11	P	G6	0400	0500	1.00	1454.0m	RIH with BHA from 32m to 174m.
P11	P	G8	0500	0600	1.00	1454.0m	(IN PROGRESS) RIH with 5.5in drill pipe from 174m to 1424m. Broke circulation at shoe.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 23 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	64	21 Nov 2008	23 Nov 2008	992.00	41.333	1454.0m

General Comments

00:00 TO 24:00 Hrs ON 23 Nov 2008

Operational Comments	No real time available from SADN tool.
Operational Comments	CTU tensioner = 144 bar.
Operational Comments	Jar hours (S/N17621371) = 40.5 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 52609

Mud Type:	Pre hydrated Bentonite	API FL:	4.2cc/30min	Cl:	36000mg/l	Solids(%vol):	4%	Viscosity	65sec/qt
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:		Low-Gravity Solids:	2.2%vol	PV	22cp
Time:	16:30	HTHP-FL:		Hard/Ca:		H2O:	93%	YP	36lb/100ft²
Weight:	9.50ppg	HTHP-cake:		MBT:	2.5	Oil(%):		Gels 10s	10
Temp:	42C°			PM:		Sand:		Gels 10m	12
				PF:		pH:	8.9	Fann 003	10
						PHPA:		Fann 006	11
								Fann 100	36
								Fann 200	48
								Fann 300	58
								Fann 600	80

Comment

Bit # 3

Wear	I	O1	D	L	B	G	O2	R
	8	8	RO	A	X	2	NR	PR

Bitwear Comments: All cutting structure and blades worn down to bit body.

Size :	12 1/4 in	IADC#	M422	**Nozzles**	**Drilled over last 24 hrs**	**Calculated over Bit Run**

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Mfr:	Reed	WOB(avg)	8.00klb	No.	Size	Progress	158.0m	Cum. Progress	644.0m
Type:	PDC	RPM(avg)	150	3	15/32nd"	On Bottom Hrs	9.2h	Cum. On Btm Hrs	17.6h
Serial No.:	218663	F.Rate	1200gpm	3	13/32nd"	IADC Drill Hrs	14.5h	Cum IADC Drill Hrs	30.0h
Bit Model	RSX616M-A16	SPP	2800psi			Total Revs		Cum Total Revs	0
Depth In	810.0m	HSI	8.96HSI			ROP(avg)	17.17 m/hr	ROP(avg)	36.59 m/hr
Depth Out	1454.0m	TFA	0.907						

Bit Comment

BHA # 3

Weight(Wet)	40.00klb	Length	146.3m	Torque(max)		D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	25.00klb	String	180.00klb	Torque(Off.Btm)		D.C. (2) Ann Velocity	0fpm
		Pick-Up	192.00klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	245fpm
		Slack-Off	179.00klb			D.P. Ann Velocity	245fpm

BHA Run Description: 12.25" bit, bit sub c/w float, ARC-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 4 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.35m	12.25in		218663	
Bit Sub	1.22m	8.25in	2.80in	7221	
ARC8	5.79m	8.31in		1106	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	6.84m	8.31in		41229	
ADN 8	9.18m	8.12in		42736	
Drill Collar	37.78m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	200	135	351	702.0
Rig Fuel	m3	0	22	0	212.0
POTABLE WATER	MT	10	27	0	277.0
Cement class G	MT	0	0	0	38.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	25	15	0	65.0
Brine	m3	0	60	0	60.0
Helifuel	ltr	0	344	0	5,221.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	68	2800	400
2	National 14 P-220	6.50	73.44	97	68	2800	400
3	National 14 P-220	6.50	73.44	97	68	2800	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1327.0	30	190	175	40	220	234	50	300	292
1327.0	30	170	175	40	200	234	50	300	292
1327.0	30	170	175	40	210	234	50	300	292

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9

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Personnel On Board

Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**3892.1bbl**	**Losses**	**586.0bbl**
Active	361.0bbl	Downhole	
Mixing	1017.0bbl	Surf+ Equip	586.0bbl
Hole	744.1bbl	Dumped	
Slug		De-Gasser	
Reserve	1770.0bbl	De-Sander	
Kill		De-Silter	
		Centrifuge	

Equipment	Description	Mesh Size	Comments
Shaker 1	VSM-300	89	
Shaker 1	VSM-300	20/50	
Shaker 2	VSM-300	89	
Shaker 2	VSM-300	20/50	
Shaker 3	VSM-300	89	
Shaker 3	VSM-300	20/50	
Shaker 4	VSM-300	89	
Shaker 4	VSM-300	20/50	

Marine

Weather on 23 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	136.0deg	998.0mbar	12C°	0.7m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2608.00klb	0.9m	280.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		18:15 hrs 20/11/08	Enroute to rig. ETA 00:40 hrs 24/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	19		0	616
Potable Water	m3	0	5	0	0	445
Drill Water	m3	120	0	0	0	120
Barite	Mt	42	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	42	0	0	0	42
Brine	m3	119	0	0	0	119

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	17:15 hrs 20/11/08		Standby at rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	590
Potable Water	Mt	0	5	147	0	95
Drill Water	m3	0	0	54	0	0
Barite	Mt	0	0	15	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	1506 / 1523	8 / 2	Schlumberger Wireline Dril-Quip

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 43

24 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	1609.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	1609.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	155.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$755,711
Rig	West Triton (semi)	Days from spud	9.23	Shoe MDBRT	804.0m	Cum Cost	AUD$23,298,481
Wtr Dpth (MSL)	78m	Days on well	42.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling 12.25in hole at 1665m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill ahead 12.25in hole.		

Summary of Period 0000 to 2400 Hrs

Schlumberger energized tools. Picked up 12.25in BHA and RIH to 1424m. Washed to bottom. Broke the bit in. Established parameters. Drilled 12.25in hole from 1454m to 1609m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	6 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	1 Day	Simulated fire drill at BOP unit	
First Aid Case	1	37 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	34 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	6	0 Days		
Man Overboard	1	26 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	6	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	22	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G6	0000	0100	1.00	1454.0m	Schlumberger energized tools.
P11	P	G6	0100	0300	2.00	1454.0m	Picked up 12.25in BHA and RIH to 32m.
P11	P	G6	0300	0330	0.50	1454.0m	Made up TDS and shallow tested MWD/LWD tools at 800 gpm, 1000 psi.
P11	P	G6	0330	0400	0.50	1454.0m	Held PJSM and loaded radio active source.
P11	P	G6	0400	0500	1.00	1454.0m	RIH with BHA from 32m to 174m.
P11	P	G8	0500	0800	3.00	1454.0m	RIH with 5.5in drill pipe from 174m to 1424m. Broke circulation at shoe.
P11	P	F1	0800	0830	0.50	1454.0m	Washed / reamed from 1424m to 1453m at 1100 gpm, 2300 psi. Rotated at 20 rpm and fanned and tagged the bottom of the hole several times to wash away any debris left from previous bit run. Tagged bottom at 1454m and established drilling parameters.
P11	P	D8	0830	1200	3.50	1474.0m	Drilled 12.25in hole from 1454m, broke through hard stringer at 1461m and drilled to 1474m. Average Parameters: ROP 5.7 m/hr, WOB 5-22 klbs, RPM 120-160, GPM 1210, SPM 208, SPP 2780 psi, Torque 3-5 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, thin beds of Clst/Coal
P11	P	D8	1200	1500	3.00	1499.0m	Drilled 12.25in hole from 1474m to 1499m. Average Parameters: ROP 8.3 m/hr, WOB 5-29 klbs, RPM 120-160, GPM 1200, SPM 207, SPP 2800 psi, Torque 2-3 k/ft.lbs. Surveyed every 3 connections Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Dominantly Sst, one good bed of Coal.
P11	TP (TP)	F4	1500	1530	0.50	1499.0m	Shaker screens blinding - mud losses. Stopped drilling and reciprocated pipe circulated at reduced rate while cleaning screens.
P11	P	D8	1530	1700	1.50	1517.0m	Drilled 12.25in hole from 1499m to 1517m. Average Parameters: ROP 12.40m/hr, WOB 5-25 klbs, RPM 140, GPM 1200, SPM 207, SPP 2900 psi, Torque 3-4 k/ft.lbs. Surveyed every 3 connections Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools Dominantly Sst, some thicker Clst beds.
P11	TP (TP)	F4	1700	1730	0.50	1517.0m	Shaker screens blinding, losses, stopped drilling, reciprocated pipe whilst circulating at reduced rate.
P11	P	D2	1730	2400	6.50	1609.0m	Drilled 12.25in hole from 1517m to 1609m. Average Parameters: ROP 14.1 m/hr, WOB 8-20 klbs, RPM 140, GPM 1200, SPM 207, SPP 2900 psi, Torque 3-4 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, some thicker Clst beds.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	1665.0m	Drilled 12.25in hole from 1609m to 1665m. (56m) Average ROP - 9.3 m/hr. Average Parameters: WOB 8-20 klbs, RPM 90-140, GPM 1000, SPM 170, SPP 2300 psi, Torque 3-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 24 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	88	21 Nov 2008	24 Nov 2008	1,016.00	42.333	1609.0m

General Comments

00:00 TO 24:00 Hrs ON 24 Nov 2008

Operational Comments	No real time available from SADN tool.
Operational Comments	CTU tensioner = 144 bar.
Operational Comments	Jar hours (S/N17621371) = 55 hrs
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

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WBM Data

Cost Today AUD$ 29813

Mud Type:	Pre hydrated Bentonite	API FL:	4.8cc/30min	Cl:	36000mg/l	Solids(%vol):	5%
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:		Low-Gravity Solids:	4.3%vol
Time:	23:00	HTHP-FL:		Hard/Ca:		H2O:	92%
Weight:	9.50ppg	HTHP-cake:		MBT:	2.5	Oil(%):	
Temp:	48C°			PM:		Sand:	
				PF:		pH:	9.5
						PHPA:	

Viscosity	75sec/qt
PV	20cp
YP	34lb/100ft²
Gels 10s	12
Gels 10m	16
Fann 003	10
Fann 006	12
Fann 100	34
Fann 200	45
Fann 300	54
Fann 600	74

Comment

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	12 1/4 in	IADC#	537	No.	Size	Progress	155.0m	Cum. Progress	155.0m
Mfr:	Hughes	WOB(avg)	11.00klb	3	20/32nd"	On Bottom Hrs	10.0h	Cum. On Btm Hrs	10.0h
Type:	ins	RPM(avg)	140			IADC Drill Hrs	14.5h	Cum IADC Drill Hrs	14.5h
Serial No.:	6069569	F.Rate	1100gpm			Total Revs	76	Cum Total Revs	76
Bit Model	MXL-C30HDX	SPP	2840psi			ROP(avg)	15.50 m/hr	ROP(avg)	15.50 m/hr
Depth In	1454.0m	HSI	8.69HSI						
Depth Out		TFA	0.920						

Bit Comment

BHA # 4

Weight(Wet)	48.00klb	Length	174.4m	Torque(max)	8000ft-lbs	D.C. (1) Ann Velocity	329fpm
Wt Below Jar(Wet)	36.00klb	String	199.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	210.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	225fpm
		Slack-Off	190.00klb			D.P. Ann Velocity	225fpm

BHA Run Description: 12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.25in		6069569	
Bit Sub	1.22m	8.25in	2.80in	7221	
RAB 8	4.20m	8.31in		CA025	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	7.65m	8.31in		857	
ADN 8	9.34m	8.12in		42736	
Drill Collar	66.14m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
1345.01	0.7	106.8	1344.96	-5.5	-5.5	4.0	0.9	MWD
1374.54	0.7	110.3	1374.49	-5.6	-5.6	4.4	0.1	MWD
1433.56	0.7	132.8	1433.51	-6.0	-6.0	5.0	0.5	MWD
1492.77	0.3	331.3	1492.72	-6.1	-6.1	5.2	1.7	MWD
1552.04	0.4	350.5	1551.98	-5.7	-5.7	5.0	0.3	MWD

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	94	0	608.0
Rig Fuel	m3	100	21	0	291.0
POTABLE WATER	MT	132	20	0	389.0
Cement class G	MT	0	0	0	38.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	4	0	61.0
Brine	m3	0	0	0	60.0
Helifuel	ltr	0	188	0	5,033.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	68	2800	400
2	National 14 P-220	6.50	73.44	97	68	2800	400
3	National 14 P-220	6.50	73.44	97	68	2800	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1474.0	30	160	175	40	220	234	50	300	292
1474.0	30	180	175	40	220	234	50	300	292
	30		175	40		234	50		292

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**4704.0bbl**
Active	446.0bbl
Mixing	1726.0bbl
Hole	734.8bbl
Slug	25.0bbl
Reserve	1772.2bbl
Kill	0.0bbl

Losses	**183.0bbl**
Downhole	0.0bbl
Surf+ Equip	183.0bbl
Dumped	0.0bbl
De-Gasser	0.0bbl
De-Sander	0.0bbl
De-Silter	0.0bbl
Centrifuge	0.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	20/50
Shaker 1	VSM-300	89
Shaker 2	VSM-300	20/50
Shaker 2	VSM-300	89
Shaker 3	VSM-300	20/50
Shaker 3	VSM-300	89
Shaker 4	VSM-300	20/50
Shaker 4	VSM-300	89

Comments

Marine

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Weather on 24 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	90.0deg	1008.0mbar	13C°	0.7m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2695.00klb	0.9m	280.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	00:40 hrs 24/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	7	100	0	509
Potable Water	m3	0	5	100	0	340
Drill Water	m3	120	0	0	0	120
Barite	Mt	42	0	0	0	42
CEMENT G	Mt	0	0	0	0	83
Bentonite	Mt	42	0	0	0	42
Brine	m3	0	0	119	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie		22:30 hrs 23/11/08	Enroute to rig ETA 13:00 hrs 25/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	20	0	0	570
Potable Water	Mt	305	5	0	0	395
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	15	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	09:34 hrs / 09:52 hrs	6 / 6	Crew Change

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DRILLING MORNING REPORT # 44

25 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	1838.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	1838.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	229.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$832,759
Rig	West Triton (semi)	Days from spud	10.23	Shoe MDBRT	804.0m	Cum Cost	AUD$24,131,240
Wtr Dpth (MSL)	78m	Days on well	43.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling 12.25in hole at 1915m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill ahead 12.25in hole.		

Summary of Period 0000 to 2400 Hrs

Drilled 12.25in hole from 1609m to 1838m. (229m)

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	7 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	2 Days	Simulated fire drill at BOP unit	
First Aid Case	1	38 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	35 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	12	0 Days		
Man Overboard	1	27 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	19	0 Days		
Safety Meeting	2	3 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	42	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 25 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	1665.0m	Drilled 12.25in hole from 1609m to 1665m. (56m) Average ROP - 9.3 m/hr. Average Parameters: WOB 8-20 klbs, RPM 90-140, GPM 1000, SPM 170, SPP 2300 psi, Torque 3-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
P11	P	D8	0600	0930	3.50	1680.0m	Drilled 12.25in hole from 1665m to 1680m. (15m) Average ROP - 4.2 m/hr. Average Parameters: WOB 20-28 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
P11	P	G11	0930	1000	0.50	1680.0m	Serviced TDS
P11	P	D8	1000	1200	2.00	1703.0m	Drilled 12.25in hole from 1680m to 1703m. (23m) Average ROP - 11.5 m/hr. Average Parameters: WOB 20-28 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
P11	P	D8	1200	1800	6.00	1757.0m	Drilled 12.25in hole from 1703m to 1757m. (54m) Average ROP - 9.0 m/hr. Average Parameters: WOB 22-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3000 psi, Torque 5-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.
P11	P	D8	1800	2400	6.00	1838.0m	Drilled 12.25in hole from 1757m to 1838m. (81m) Average ROP - 13.5 m/hr. Average Parameters: WOB 15-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3050 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbeded Coal, Clst.

Operations For Period 0000 Hrs to 0600 Hrs on 26 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	1916.0m	(IN PROGRESS) Drilled 12.25in hole from 1838m to 1916m. (78m) Average ROP - 12.0m/hr. Average Parameters: WOB 15-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3050 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbedded Coal, Clst. Dropped carbide at 1887m = 13.6in.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 25 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	112	21 Nov 2008	25 Nov 2008	1,040.00	43.333	1838.0m

General Comments

00:00 TO 24:00 Hrs ON 25 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Exciter and generator sent ashore. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 27487

Mud Type:	Pre hydrated Bentonite	API FL:	4.4cc/30min	Cl:	38100mg/l	Solids(%vol):	5%	Viscosity	56sec/qt
		Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	4.1%vol	PV	19cp
Sample-From:	Pit 6	HTHP-FL:		Hard/Ca:				YP	35lb/100ft²
Time:	22:19	HTHP-cake:		MBT:	2.5	H2O:	92%	Gels 10s	12
Weight:	9.50ppg			PM:		Oil(%):		Gels 10m	15
Temp:	62C°			PF:		Sand:	0.80 %	Fann 003	11
						pH:	9.5	Fann 006	12
						PHPA:		Fann 100	34
								Fann 200	45
								Fann 300	54
								Fann 600	73

Comment

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	12 1/4 in	IADC#	537	No.	Size	Progress	229.0m	Cum. Progress	384.0m
Mfr:	Hughes	WOB(avg)	15.00klb	3	20/32nd"	On Bottom Hrs	19.0h	Cum. On Btm Hrs	29.0h
Type:	ins	RPM(avg)	150			IADC Drill Hrs	24.0h	Cum IADC Drill Hrs	38.5h
Serial No.:	6069569	F.Rate	1200gpm			Total Revs	234000	Cum Total Revs	234076
Bit Model	MXL-C30HDX	SPP	3050psi			ROP(avg)	12.05 m/hr	ROP(avg)	13.24 m/hr
Depth In	1454.0m	HSI							
Depth Out		TFA	0.920						

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Bit Comment

BHA # 4

Weight(Wet)	48.00klb	Length	174.4m	Torque(max)	8000ft-lbs	D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	36.00klb	String	216.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	235.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	245fpm
		Slack-Off	202.00klb			D.P. Ann Velocity	245fpm

BHA Run Description	12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.
BHA Run Comment	

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.25in		6069569	
Bit Sub	1.22m	8.25in	2.80in	7221	
RAB 8	4.20m	8.31in		CA025	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	7.65m	8.31in		857	
ADN 8	9.34m	8.12in		42736	
Drill Collar	66.14m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
1640.51	0.5	28.4	1640.45	-5.1	-5.1	5.2	0.3	MWD
1729.59	0.6	18.4	1729.53	-4.3	-4.3	5.5	0.2	MWD
1788.72	0.7	29.3	1788.65	-3.7	-3.7	5.8	0.3	MWD
1818.45	0.6	33.7	1818.38	-3.4	-3.4	6.0	0.4	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	80	0	528.0
Rig Fuel	m3	0	21	0	270.0
POTABLE WATER	MT	12	25	0	376.0
Cement class G	MT	83	0	0	121.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	14	0	47.0
Brine	m3	112	35	0	137.0
Helifuel	ltr	0	0	0	5,033.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	73.44	97	68	3050	400
2	National 14 P-220	6.50	73.44	97	68	3050	400
3	National 14 P-220	6.50	73.44	97	68	3050	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1738.0	30	210	175	40	260	234	50	300	292
1738.0	30	200	175	40	240	234	50	300	292
1738.0	30	200	175	40	240	234	50	300	292

Personnel On Board

Company	Pax
ADA	7
Seadrill	13

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Personnel On Board

Catering	9
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**4615.2bbl**	**Losses**	**626.0bbl**
Active	400.0bbl	Downhole	0.0bbl
Mixing	1720.0bbl	Surf+ Equip	626.0bbl
Hole	834.2bbl	Dumped	0.0bbl
Slug	22.0bbl	De-Gasser	0.0bbl
Reserve	1575.0bbl	De-Sander	0.0bbl
Kill	0.0bbl	De-Silter	0.0bbl
Trip Tank	64.0bbl	Centrifuge	0.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	89
Shaker 1	VSM-300	20/120
Shaker 2	VSM-300	89
Shaker 2	VSM-300	20/120
Shaker 3	VSM-300	89
Shaker 3	VSM-300	20/50
Shaker 4	VSM-300	89
Shaker 4	VSM-300	20/50

Comments

Marine

Weather on 25 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	8kn	80.0deg	1008.0mbar	13C°	0.7m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2652.00klb	0.9m	280.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler		24:00 hrs 25/11/08	Enroute to Geelong ETA 12:45 hrs at Pilot and 17:00 hrs at Geelong 26/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	5	0	0	505
Potable Water	m3	0	5	0	0	335
Drill Water	m3	0	0	0	0	120
Barite	Mt	0	0	42	0	0
CEMENT G	Mt	0	0	83	0	0
Bentonite	Mt	42	0	0	0	42
Brine	m3	0	0	119	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	13:00 hrs 25/11/08		

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	21	0	0	549
Potable Water	Mt	0	5	0	0	390
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	15	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 45

26 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2058.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2058.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	220.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$708,879
Rig	West Triton (semi)	Days from spud	11.23	Shoe MDBRT	804.0m	Cum Cost	AUD$24,840,119
Wtr Dpth (MSL)	78m	Days on well	44.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Drilling 12.25in hole at 2090m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Drill 12.25in hole to section TD at 2134m. Circulate hole clean. POOH to surface. Rig up Schlumberger and run logs.		

Summary of Period 0000 to 2400 Hrs

Drilled 12.25in hole from 1838m to 2058m. (220m)

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	8 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	3 Days	Simulated fire drill at BOP unit	
First Aid Case	1	39 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	36 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	9	0 Days		
Man Overboard	1	28 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	13	0 Days		
Safety Meeting	2	4 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	22	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 26 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0630	6.50	1916.0m	Drilled 12.25in hole from 1838m to 1916m. (78m) Average ROP - 12.0m/hr. Average Parameters: WOB 15-30 klbs, RPM 150, GPM 1200, SPM 208, SPP 3050 psi, Torque 6-8 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbedded Coal, Clst. Dropped carbide at 1887m = 13.6in.
P11	P	G11	0630	0700	0.50	1916.0m	Rig service - greased TDS & washpipe. Concurrently repaired air connection on shaker and took SCR's.
P11	P	D8	0700	1200	5.00	1961.0m	Drilled 12.25in hole from 1916m to 1961m. (45m) Average ROP - 9.0m/hr. Average Parameters: WOB 28 klbs, RPM 160, GPM 1200, SPM 208, SPP 3100 psi, Torque 6-811k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sst, interbedded Coal, Clst.
P11	P	D8	1200	1800	6.00	2008.0m	Drilled 12.25in hole from 1961m to 2008m. (47m) Average ROP - 7.8m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Clst, interbeded Sst and Coal.
P11	P	D8	1800	2400	6.00	2058.0m	Drilled 12.25in hole from 2008m to 2058m. (50m) Average ROP - 8.3m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Dominantly Clst, interbedded Sst and Coal.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	2090.0m	Drilled 12.25in hole from 2058m to 2090m. (32m) Average ROP - 5.3m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Igneous Intrusive - Dolerite

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 26 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	136	21 Nov 2008	26 Nov 2008	1,064.00	44.333	2058.0m

General Comments

00:00 TO 24:00 Hrs ON 26 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Replacement generator onboard to be fitted at end of well. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data — Cost Today AUD$ 6046

Mud Type:	Pre hydrated Bentonite	API FL:	5.0cc/30min	Cl:	38100mg/l	Solids(%vol):	4%	Viscosity	61sec/qt
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	2.4%vol	PV	18cp
Time:	20:19	HTHP-FL:	0.0cc/30min	Hard/Ca:	0mg/l	H2O:	93%	YP	32lb/100ft²
Weight:	9.45ppg	HTHP-cake:	0/32nd"	MBT:	2.5	Oil(%):	0%	Gels 10s	10
Temp:	66C°			PM:	0	Sand:	0.5	Gels 10m	13
				PF:	0	pH:	9.5	Fann 003	11
						PHPA:	0ppb	Fann 006	13
								Fann 100	30
								Fann 200	42
								Fann 300	50
								Fann 600	68

Comment

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

				Nozzles		Drilled over last 24 hrs		Calculated over Bit Run	
Size :	12 1/4 in	IADC#	537	No.	Size	Progress	220.0m	Cum. Progress	604.0m
Mfr:	Hughes	WOB(avg)	28.00klb	3	20/32nd"	On Bottom Hrs	20.7h	Cum. On Btm Hrs	49.7h
Type:	ins	RPM(avg)	155			IADC Drill Hrs	23.5h	Cum IADC Drill Hrs	62.0h
Serial No.:	6069569	F.Rate	1200gpm			Total Revs	190000	Cum Total Revs	424076
Bit Model	MXL-C30HDX	SPP	3120psi			ROP(avg)	10.63 m/hr	ROP(avg)	12.15 m/hr
Depth In	1454.0m	HSI	8.70HSI						
Depth Out		TFA	0.920						

Bit Comment

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BHA # 4

Weight(Wet)	48.00klb	Length	174.4m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	36.00klb	String	216.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	235.00klb	Torque(On.Btm)	5000ft-lbs	H.W.D.P. Ann Velocity	245fpm
		Slack-Off	202.00klb			D.P. Ann Velocity	245fpm

BHA Run Description: 12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.25in		6069569	
Bit Sub	1.22m	8.25in	2.80in	7221	
RAB 8	4.20m	8.31in		CA025	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	7.65m	8.31in		857	
ADN 8	9.34m	8.12in		42736	
Drill Collar	66.14m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
1906.90	0.6	28.2	1906.83	-2.6	-2.6	6.4	0.1	MWD
1995.04	0.8	13.5	1994.96	-1.6	-1.6	6.8	0.3	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	150	27	0	651.0
Rig Fuel	m3	0	20	0	250.0
POTABLE WATER	MT	5	28	0	353.0
Cement class G	MT	0	0	0	121.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	38	0	0	85.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	78	0	4,955.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	79.28	97	68	3150	400
2	National 14 P-220	6.50	79.28	97	68	3150	400
3	National 14 P-220	6.50	79.28	97	68	3150	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1916.0	30	200	175	40	260	234	50	330	292
1916.0	30	190	175	40	250	234	50	320	292
1916.0	30	190	175	40	250	234	50	320	292

Personnel On Board

Company	Pax
ADA	7
Seadrill	13
Catering	8
Seadrill Services	32
Tamboritha	2
Baroid	2

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Personnel On Board

Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	3447.0bbl	Losses	523.0bbl
Active	469.0bbl	Downhole	0.0bbl
Mixing	1062.0bbl	Surf+ Equip	523.0bbl
Hole	973.0bbl	Dumped	0.0bbl
Slug	63.0bbl	De-Gasser	0.0bbl
Reserve	857.0bbl	De-Sander	0.0bbl
Kill	0.0bbl	De-Silter	0.0bbl
Trip Tank	23.0bbl	Centrifuge	0.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	20/120
Shaker 1	VSM-300	20/120
Shaker 2	VSM-300	20/120
Shaker 2	VSM-300	20/120
Shaker 3	VSM-300	20/50
Shaker 3	VSM-300	20/50
Shaker 4	VSM-300	20/50
Shaker 4	VSM-300	20/50

Comments

Marine

Weather on 26 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	16kn	90.0deg	1005.0mbar	14C°	1.2m	50.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2756.00klb	1.4m	50.0deg	4s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	14.5	0	0	490.5
Potable Water	m3	125	5	0	0	455
Drill Water	m3	0	0	0	0	120
Barite	Mt	0	0	0	0	0
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	13:00 hrs 25/11/08		

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	538
Potable Water	Mt	0	5	150	0	240
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	15	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0928 / 0953	9 / 9	Refueled - 221 ltrs Freight - Drill Bit, Medical Supplies, Schlumberger spares

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 46

27 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	125.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$813,343
Rig	West Triton (semi)	Days from spud	12.23	Shoe MDBRT	804.0m	Cum Cost	AUD$25,653,462
Wtr Dpth (MSL)	78m	Days on well	45.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Laying down 8.25in drill collars while waiting on confirmation of wireline logging program.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	RIH with mule shoe on 5.5in drill pipe and continue with abandonment program.		

Summary of Period 0000 to 2400 Hrs

Drilled 12.25in hole from 2058m to 2183m (125m). Circulated hole clean. Downlinked sonic tool. Flow checked well and POOH to 793m.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	9 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	4 Days	Simulated fire drill at BOP unit	
First Aid Case	1	40 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	37 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Man Overboard	1	29 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	4	0 Days		
Safety Meeting	2	5 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	22	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 27 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	D8	0000	0600	6.00	2090.0m	Drilled 12.25in hole from 2058m to 2090m. (32m) Average ROP - 5.3m/hr. Average Parameters: WOB 30 klbs, RPM 160, GPM 1200, SPM 208, SPP 3150 psi, Torque 8-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Igneous Intrusive - Dolerite
P11	P	D8	0600	1200	6.00	2146.0m	Drilled 12.25in hole from 2090m to 2146m. (56m) Average ROP - 9.3m/hr. Average Parameters: WOB 35-40 klbs, RPM 140, GPM 1200, SPM 208, SPP 3150 psi, Torque 6-10 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Igneous Intrusive to 2104m. Clst, interbedded Coal and Sst.
P11	P	D8	1200	1630	4.50	2183.0m	Drilled 12.25in hole from 2146m to 2183m. (37m) Average ROP - 8.2m/hr. Average Parameters: WOB 40 klbs, RPM 145, GPM 1200, SPM 208, SPP 3200 psi, Torque 7-9 k/ft.lbs. Surveyed every 3 connections. Adjusted drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Clst, interbedded Sst and Coal.
P11	P	F4	1630	1730	1.00	2183.0m	Circulated hole clean at 1200 gpm, 3200 psi.
P11	P	F4	1730	1800	0.50	2183.0m	Schlumberger downlinked sonic to change recording rates from 10 seconds to 1 second at 1000 gpm, 2420 psi and 1200 gpm, 3300 psi.
P11	P	G8	1800	1930	1.50	2183.0m	Flow checked well (10 mins). Well static. POOH wet from 2183m to 1947m. Max intermittent overpull of 10-20k.
P11	P	F3	1930	2000	0.50	2183.0m	Pumped 25 bbls of 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	2000	2330	3.50	2183.0m	POOH with 5.5in drill pipe from 1947m to 793m. (Above shoe at 804m). Hole condition good.
P11	P	F3	2330	2400	0.50	2183.0m	Flow checked well (10 min). Held kick drill (80 sec). Pumped 25 bbls of 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud.

Operations For Period 0000 Hrs to 0600 Hrs on 28 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	0000	0100	1.00	2183.0m	POOH from 793m to 174m.
P11	P	G6	0100	0200	1.00	2183.0m	POOH with BHA from 174m to 32m.
P11	P	G6	0200	0230	0.50	2183.0m	Held PJSM. Recovered radio active source from ADN tool.
P11	P	G13	0230	0400	1.50	2183.0m	Broke off bit and laid out MWD/LWD logging tools from 32m to surface.
P11	P	G2	0400	0500	1.00	2183.0m	RIH and lay down 6 x 5.5" HWDP from derrick while waiting on confirmation of wireline logging program.
P11	P	G2	0500	0600	1.00	2183.0m	(IN PROGRESS) Laid down excess 8.25" drill collars from derrick while waiting on confirmation of wireline logging program.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 27 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	160	21 Nov 2008	27 Nov 2008	1,088.00	45.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 27 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Replacement generator onboard to be fitted at end of well. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 4138

Mud Type:	Pre hydrated Bentonite	API FL:	4.1cc/30min	Cl:	42500mg/l	Solids(%vol):	4%	Viscosity	58sec/qt
		Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	1.9%vol	PV	19cp
Sample-From:	Pit 6	HTHP-FL:	0.0cc/30min	Hard/Ca:	0mg/l			YP	34lb/100ft²
Time:	20:30	HTHP-cake:	0/32nd"	MBT:	2.5	H2O:	93%	Gels 10s	12
Weight:	9.50ppg			PM:	0	Oil(%):	0%	Gels 10m	15
Temp:	71C°			PF:	0	Sand:	0.5	Fann 003	11
						pH:	8.9	Fann 006	12
						PHPA:	0ppb	Fann 100	34
								Fann 200	44
								Fann 300	53
								Fann 600	72

Comment

Bit # 4

Wear	I	O1	D	L	B	G	O2	R

Bitwear Comments:

Size :	12 1/4 in	IADC#	537	**Nozzles**	**Drilled over last 24 hrs**	**Calculated over Bit Run**

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Mfr:	Hughes	WOB(avg)	35.00klb	No.	Size	Progress	125.0m	Cum. Progress	729.0m
Type:	ins	RPM(avg)	150	3	20/32nd"	On Bottom Hrs	14.5h	Cum. On Btm Hrs	64.2h
Serial No.:	6069569	F.Rate	1200gpm			IADC Drill Hrs	16.5h	Cum IADC Drill Hrs	78.5h
Bit Model	MXL-C30HDX	SPP	3200psi			Total Revs	127200	Cum Total Revs	551276
Depth In	1454.0m	HSI	8.70HSI			ROP(avg)	8.62 m/hr	ROP(avg)	11.36 m/hr
Depth Out		TFA	0.920						

Bit Comment

BHA # 4

Weight(Wet)	48.00klb	Length	174.4m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	36.00klb	String	232.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	256.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	245fpm
		Slack-Off	212.00klb			D.P. Ann Velocity	245fpm

BHA Run Description: 12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.25in		6069569	
Bit Sub	1.22m	8.25in	2.80in	7221	
RAB 8	4.20m	8.31in		CA025	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	7.65m	8.31in		857	
ADN 8	9.34m	8.12in		42736	
Drill Collar	66.14m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

Survey

MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N/-S (m)	E/-W (m)	DLS (deg/30m)	Tool Type
2084.02	0.8	6.9	2083.93	-0.4	-0.4	7.0	0.1	MWD
2142.80	1.1	57.3	2142.71	0.3	0.3	7.5	1.5	MWD
2172.21	1.0	61.6	2172.11	0.6	0.6	8.0	0.4	MWD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	651.0
Rig Fuel	m3	0	29	0	221.0
POTABLE WATER	MT	5	32	0	326.0
Cement class G	MT	0	0	0	121.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	85.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	586	0	4,369.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	79.28	97	68	3200	400
2	National 14 P-220	6.50	79.28	97	68	3200	400
3	National 14	6.50	79.28	97	68	3200	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
2123.0	30	260	175	40	300	234	50	400	292
2123.0	30	260	175	40	300	234	50	400	292
2123.0	30	250	175	40	300	234	50	400	292

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Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
	P-220																

Personnel On Board

Company	Pax
ADA	7
Seadrill	14
Catering	8
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	2071.6bbl	Losses	119.0bbl
Active	311.0bbl	Downhole	0.0bbl
Mixing		Surf+ Equip	119.0bbl
Hole	1045.6bbl	Dumped	0.0bbl
Slug	5.0bbl	De-Gasser	0.0bbl
Reserve	683.0bbl	De-Sander	0.0bbl
Kill	27.0bbl	De-Silter	0.0bbl
Trip Tank		Centrifuge	0.0bbl

Equipment	Description	Mesh Size
Shaker 1	VSM-300	20/120
Shaker 1	VSM-300	20/120
Shaker 2	VSM-300	20/120
Shaker 2	VSM-300	20/120
Shaker 3	VSM-300	20/50
Shaker 3	VSM-300	20/120
Shaker 4	VSM-300	20/50
Shaker 4	VSM-300	20/50

Comments

Marine

Weather on 27 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	270.0deg	996.0mbar	14C°	0.8m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2755.00klb	1.0m	280.0deg	13s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler			Geelong

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	6.1	0	0	484.4
Potable Water	m3	0	5	0	0	450
Drill Water	m3	400	0	0	0	520
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	13:00 hrs 25/11/08		

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	527
Potable Water	Mt	0	5	0	0	230
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

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Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0938 / 1002	9 / 10	Crew Change

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Australian Drilling Associates Pty Ltd ADA

28 Nov 2008

From: Sean De Freitas / Peter Dane
To: Rob Oliver

DRILLING MORNING REPORT # 47
PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$855,275
Rig	West Triton (semi)	Days from spud	13.23	Shoe MDBRT	804.0m	Cum Cost	AUD$26,508,737
Wtr Dpth (MSL)	78m	Days on well	46.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Setting balanced cement plug #2 from 834m to 704m.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Pull above cement plug #2 and circulate bottoms up. POOH and lay down excess 5.5" drill pipe whist waiting on cement. Pressure test cement plug #2 to 1350 psi. Nipple down diverter and BOP. Make up 13.375" casing cutter assembly and cut 13.375" casing at 155mMDRT.		

Summary of Period 0000 to 2400 Hrs

POOH to 32m. Recovered radio active source and laid down MWD/LWD tools. RIH and laid down all 5.5" HWDP and 8.25" drill collars from derrick. RIH with mule shoe on 5.5" drill pipe to 1460m. Spotted a balanced hi-vis pill and pulled back to 1360m. Set a balanced cement plug from 1360m to 1230m. Pulled above and circulated bottoms up at 1143m. POOH to 561m. Laid down excess 5.5" drill pipe from 561m to surface.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	10 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	5 Days	Simulated fire drill at BOP unit	
First Aid Case	1	41 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	38 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	7	0 Days		
Man Overboard	1	30 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	6 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	26	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 28 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P11	P	G8	0000	0100	1.00	2183.0m	POOH from 793m to 174m.
P11	P	G6	0100	0200	1.00	2183.0m	POOH with BHA from 174m to 32m.
P11	P	G6	0200	0230	0.50	2183.0m	Held PJSM. Recovered radio active source from ADN tool.
P11	P	G13	0230	0400	1.50	2183.0m	Broke off bit and laid out MWD/LWD logging tools from 32m to surface.
P11	P	G2	0400	0500	1.00	2183.0m	RIH and lay down 6 x 5.5" HWDP from derrick while waiting on confirmation of wireline logging program.
P11	P	G2	0500	0730	2.50	2183.0m	Laid down excess 8.25" drill collars from derrick while waiting on confirmation of wireline logging program.
P21	P	G8	0730	1030	3.00	2183.0m	RIH with mule shoe on 5.5" drill pipe from surface to 1449m while waiting on confirmation of wireline logging program.
P21	TP (WB)	F4	1030	1100	0.50	2183.0m	Observed U Tubing from drill pipe. Engaged TDS to circulate bottoms up. Observed pressure spike of 800 psi when bringing pumps up to speed. Shut down pumps.
P21	TP (WB)	G14	1100	1200	1.00	2183.0m	Checked surface line up. Commenced pumping again. Minimum returns to shakers. No returns to active pit. Observed decrease in flow show. Established downhole losses occuring. Shut down pumps. Monitored well on trip tank. Total downhole losses at 194

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							bbls.
P21	TP (WB)	F4	1200	1300	1.00	2183.0m	Observed well on trip tank. Well static. Established circulation at 300 gpm, whilst rotating and reciprocating string slowly. Increased rate to 600 gpm. Very heavy cuttings/cavings over shakers on bottoms up. Reduced circulation whilst circulating clear.
P21	P	F4	1300	1330	0.50	2183.0m	Increased rate to 600 gpm. Very heavy cuttings/cavings over shakers on bottoms up. Reduced circulation whilst circulating clear.
P21	TP	F3	1330	1400	0.50	2183.0m	Spaced out to place stinger at 1460m. Spot balanced hi vis pill from 1460m to 1360m - pumped 50 bbls hi-vis and displaced with 92 bbls 9.5 ppg mud.
P21	P	G8	1400	1430	0.50	2183.0m	POOH from 1460m to 1360m.
P21	P	G1	1430	1500	0.50	2183.0m	Spaced out and made up cement circulating head assembly. Rigged up cement lines. Set balanced cement plug #1 from 1360m - 1230m (130m): Cement unit pumped 8 bbls of drill water. Tested surface lines to 3000 psi. Pumped another 8 bbls of drill water ahead.
P21	P	F3	1500	1530	0.50	2183.0m	Set balanced cement plug #1 from 1360m - 1230m (130m): Cement unit mixed and pumped 84 bbls (408 sx) of 15.8 ppg cement slurry at 6 bpm with 49.5 bbls of mix water. (17MT class G cement).
P21	P	F3	1530	1600	0.50	2183.0m	Cement unit pumped 3 bbls of drill water spacer behind and displaced with 73 bbls of 9.5 ppg mud. (Under displaced by 7 bbls)
P21	P	G8	1600	1630	0.50	2183.0m	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly from 1360m to 1143m.
P21	P	F4	1630	1800	1.50	2183.0m	Circulated bottoms up at 1000 gpm, 500 psi. Medium cuttings/cavings over shakers on bottoms up. (Slight cement returns observed at surface)
P21	P	G8	1800	2000	2.00	2183.0m	POOH 5.5" drill pipe from 1143m to 562m.
P21	P	G2	2000	2400	4.00	2183.0m	POOH laying down excess 5.5" drill pipe from 562m to surface.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G8	0000	0230	2.50	2183.0m	RIH with 5.5" drill pipe to 1200m.
P21	P	F1	0230	0300	0.50	2183.0m	Engaged TDS and broke circulation with 300 gpm. Washed down from 1230m and tagged top of cement at 1260m with 5 klbs.
P21	P	G8	0300	0400	1.00	2183.0m	POOH from 1260m to 934m.
P21	P	F3	0400	0430	0.50	2183.0m	Pumped 50 bbls hi-vis and displaced with 56 bbls 9.5 ppg mud.
P21	P	G8	0430	0500	0.50	2183.0m	POOH from 934m to 834m.
P21	P	G1	0500	0530	0.50	2183.0m	Spaced out and made up cement circulating head assembly. Rigged up cement hose line. Cement unit pumped 8 bbls of drill water ahead. Tested surface lines to 1000 psi. Good test. Followed by another 8 bbls of drill water ahead.
P21	P	F3	0530	0600	0.50	2183.0m	Set balanced cement plug#2 from 834m - 704m (130m) Cement unit mixed and pumped 70 bbls (339 sx) of 15.8 ppg cement slurry at 6 bpm with 41.3bbls of mix water. (14MT class G cement). Cement unit pumped 3 bbls of drill water spacer behind and displaced with 35 bbls of 9.5 ppg mud. (Under displaced by 7 bbls).

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 28 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	1,095.50	45.646	2183.0m
Suspend and Abandon(P21)	16.5	28 Nov 2008	28 Nov 2008	1,112.00	46.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 28 Nov 2008

Operational Comments	CTU tensioner = 144 bar.
Operational Comments	West Triton Rig Equipment Concerns

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General Comments

1) Number 4 main generator down. Replacement generator onboard to be fitted at end of well.

2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration.

3) Remote controller for Iron Roughneck not operational - waiting on new control switch

4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data

Cost Today AUD$ 4138

Mud Type:	Pre hydrated Bentonite	API FL:	4.3cc/30min	Cl:	42500mg/l	Solids(%vol):	4%	Viscosity	70sec/qt
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	2.1%vol	PV	19cp
Time:	20:30	HTHP-FL:	0.0cc/30min	Hard/Ca:	0mg/l	H2O:	93%	YP	37lb/100ft²
Weight:	9.50ppg	HTHP-cake:	0/32nd"	MBT:	2.5	Oil(%):	0%	Gels 10s	13
Temp:				PM:	0	Sand:	0.5	Gels 10m	15
				PF:	0	pH:	9.8	Fann 003	11
						PHPA:	0ppb	Fann 006	12
								Fann 100	35
								Fann 200	47
								Fann 300	56
								Fann 600	75

Comment

Bit # 4

Wear	I	O1	D	L	B	G	O2	R
	4	6	BT	A	E	I	CT	TD

Bitwear Comments:

Size :	12 1/4 in	IADC#	537	**Nozzles**		**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Mfr:	Hughes	WOB(avg)	35.00klb	No.	Size	Progress	0.0m	Cum. Progress	729.0m
Type:	ins	RPM(avg)	150	3	20/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	64.2h
Serial No.:	6069569	F.Rate	1200gpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	78.5h
Bit Model	MXL-C30HDX	SPP	3200psi			Total Revs	127200	Cum Total Revs	678476
Depth In	1454.0m	HSI	8.70HSI			ROP(avg)	N/A	ROP(avg)	11.36 m/hr
Depth Out	2183.0m	TFA	0.920						

Bit Comment

BHA # 4

Weight(Wet)	48.00klb	Length	174.4m	Torque(max)	10000ft-lbs	D.C. (1) Ann Velocity	359fpm
Wt Below Jar(Wet)	36.00klb	String	232.00klb	Torque(Off.Btm)	3000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	256.00klb	Torque(On.Btm)	6000ft-lbs	H.W.D.P. Ann Velocity	245fpm
		Slack-Off	212.00klb			D.P. Ann Velocity	245fpm

BHA Run Description: 12.25" bit, bit sub c/w float, RAB-8, Power pulse c/w 12.12" stab, Sonic Vision 825, ADN-8 c/w 12 1/4" stab, 7 x 8.5" DC, Jar, 8" DC, X/O, 6 x HWDP.

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.34m	12.25in		6069569	
Bit Sub	1.22m	8.25in	2.80in	7221	
RAB 8	4.20m	8.31in		CA025	
Power Pulse	8.43m	8.37in		VR52	
12 1/8	0.87m			41229	
SonicVISION 825	7.65m	8.31in		857	
ADN 8	9.34m	8.12in		42736	
Drill Collar	66.14m	8.25in	3.00in		
Jar	9.68m	8.00in	3.37in	17621371	
Drill Collar	9.41m	8.00in	3.37in		
X/O	0.93m	7.00in	2.80in		
HWDP	56.21m	5.50in	3.66in		

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	10	0	641.0
Rig Fuel	m3	0	9	0	212.0
POTABLE WATER	MT	5	23	0	308.0
Cement class G	MT	0	15	0	106.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	3	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	448	0	3,921.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	National 14 P-220	6.50	79.28	97	68	3200	400
2	National 14 P-220	6.50	79.28	97	68	3200	400
3	National 14 P-220	6.50	79.28	97	68	3200	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
2123.0	30	260	175	40	300	234	50	400	292
2123.0	30	260	175	40	300	234	50	400	292
2123.0	30	250	175	40	300	234	50	400	292

Personnel On Board

Company	Pax
ADA	7
Seadrill	14
Catering	8
Seadrill Services	31
Tamboritha	2
Baroid	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Halliburton	2
Schlumberger MWD/LWD	3
Schlumberger (Wireline)	8
Total	83

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**1845.7bbl**	**Losses**	**266.2bbl**
Active	330.0bbl	Downhole	0.0bbl
Mixing		Surf+ Equip	266.2bbl
Hole	1094.7bbl	Dumped	0.0bbl
Slug		De-Gasser	0.0bbl
Reserve	421.0bbl	De-Sander	0.0bbl
Kill		De-Silter	0.0bbl
Trip Tank		Centrifuge	0.0bbl

Equipment	Description	Mesh Size	Comments
Shaker 1	VSM-300	20/120	
Shaker 2	VSM-300	20/120	
Shaker 3	VSM-300	20/120	
Shaker 4	VSM-300	20/50	

Marine

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Australian Drilling Associates Pty Ltd ADA

Weather on 28 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	15kn	270.0deg	999.0mbar	14C°	0.8m	280.0deg	4s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2629.00klb	1.0m	280.0deg	13s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	17.5	0	0	466.9
Potable Water	m3	0	5	0	0	445
Drill Water	m3	0	0	0	0	520
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie		18:52 hrs 28/11/08	Enroute to Geelong ETA Pilot 07:30 hrs 29/11/08

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	13.4	0	0	513.6
Potable Water	Mt	0	5	0	0	225
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	1530 / 1554	5 / 12	3rd Party perssonel

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 48

29 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$768,351
Rig	West Triton (semi)	Days from spud	14.23	Shoe MDBRT	804.0m	Cum Cost	AUD$27,277,088
Wtr Dpth (MSL)	78m	Days on well	47.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Laying down 13.375" casing.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Set a 50 bbl hi-vis pill at 285m. Set a 60m balanced cement plug from 185m to 125m. Make up 30" cutting assembly. RIH and cut 30" conductor at 113m. Retrieve and lay out 30" conductor casing. Lay down tubulars.		

Summary of Period 0000 to 2400 Hrs

RIH and tagged top of cement at 1260m. POOH to 934m and set a 50 bbl hi-vis pill. Set a balanced cement plug from 834m to 704m. Pulled above and circulated bottoms up at 621m. POOH laying down excess 5.5" drill pipe to surface. RIH and laid down excess 5.5" drill pipe from derrick. Closed BSR & pressure tested cement plug #2 to 1350 psi. Jetted wear bushing and BOP's. Nippled down diverter, riser mandrel, choke line and BOP. Made up 13.375" casing cutter assembly.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	11 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	6 Days	Simulated fire drill at BOP unit	
First Aid Case	1	42 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.
First Aid Incident	1	39 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	3	0 Days		
Man Overboard	1	31 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	0 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	18	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 29 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G8	0000	0230	2.50	2183.0m	RIH with 5.5" drill pipe to 1200m.
P21	P	F1	0230	0300	0.50	2183.0m	Engaged TDS and broke circulation with 300 gpm. Washed down from 1230m and tagged top of cement at 1260m with 5 klbs.
P21	P	G8	0300	0400	1.00	2183.0m	POOH from 1260m to 934m.
P21	P	F3	0400	0430	0.50	2183.0m	Pumped 50 bbls hi-vis and displaced with 56 bbls 9.5 ppg mud.
P21	P	G8	0430	0500	0.50	2183.0m	POOH from 934m to 834m.
P21	P	G1	0500	0530	0.50	2183.0m	Spaced out and made up cement circulating head assembly. Rigged up cement hose line. Cement unit pumped 8 bbls of drill water ahead. Tested surface lines to 1000 psi. Good test. Followed by another 8 bbls of drill water ahead.
P21	P	F3	0530	0600	0.50	2183.0m	Set balanced cement plug#2 from 834m - 704m (130m) Cement unit mixed and pumped 70 bbls (339 sx) of 15.8 ppg cement slurry at 6 bpm with 41.3bbls of mix water. (14MT class G cement). Cement unit pumped 3 bbls of drill water spacer behind and displaced with 35 bbls of 9.5 ppg mud. (Under displaced by 7 bbls).
P21	P	G8	0600	0700	1.00	2183.0m	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly from 834m to 621m.
P21	P	F4	0700	0730	0.50	2183.0m	Circulated bottoms up at 1000 gpm, 300 psi (Slight cement returns observed at surface).

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Printed on 27 May 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G2	0730	1130	4.00	2183.0m	Pumped 15 bbls 11.3 ppg slug and chased with 10 bbls of 9.5 ppg mud. POOH laying down 5.5" drill pipe from 621m to surface.
P21	P	G2	1130	1600	4.50	2183.0m	RIH with excess 5.5" drill pipe from derrick and laid down same.
P21	P	P1	1600	1700	1.00	2183.0m	Pressure tested 13.375" casing to 1350 psi against blind/shear rams. Held same for 10 minutes. Good test. Used 3.3 bbls to pressure up the casing.
P21	P	G13	1700	1800	1.00	2183.0m	RIH and jetted wear bushing and BOPs. Flushed choke, kill & diverter lines with seawater.
P21	P	G13	1800	1900	1.00	2183.0m	Rigged up to nipple down diverter system. Pulled diverter housing and laid down same.
P21	P	G13	1900	2330	4.50	2183.0m	Nipple down diverter riser mandrel, choke line and BOP. Setback same on test stump. Reduced CTU to 115 bar = 158 MT.
P21	P	G7	2330	2400	0.50	2183.0m	Made up 13.375" casing cutter assembly.

Operations For Period 0000 Hrs to 0600 Hrs on 30 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G7	0000	0100	1.00	2183.0m	Surface tested 13.375" casing cutter. Good test. RIH to 155m.
P21	P	G7	0100	0130	0.50	2183.0m	Cut 13.375" casing at 155m. RPM 110, GPM, 370, SPP 800 psi, Torque 0-3 K ft-lbs. Reduced CTU to 83 bar = 114MT. POOH with 13.375" casing cutter assembly.
P21	P	G15	0130	0230	1.00	2183.0m	Made up wear bushing retrieving tool and RIH and retrieved nominal bore protector at 18m. POOH to surface and laid down wear bushing retrieval tool.
P21	P	G9	0230	0400	1.50	2183.0m	Made up Dril-Quip clutch type running tool. RIH and engaged 18.75" wellhead and 13.375" casing. POOH and laid out same.
P21	P	G1	0400	0430	0.50	2183.0m	Rigged up 13.375" casing handling equipment.
P21	P	G9	0430	0600	1.50	2183.0m	(IN PROGRESS) POOH laying down 13.375" casing. Laid out 2 x pup joints, 7 x joints, mud line hanger, 2 x joints and cut off joint.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 29 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	1,095.50	45.646	2183.0m
Suspend and Abandon(P21)	40.5	28 Nov 2008	29 Nov 2008	1,136.00	47.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 29 Nov 2008

Operational Comments	CTU tensioner = 115bar = 158 MT
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Replacement generator onboard to be fitted at end of well. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

WBM Data — Cost Today AUD$ 2962

Mud Type:	Pre hydrated Bentonite	API FL:	5.6cc/30min	Cl:	41000mg/l	Solids(%vol):	4%	Viscosity	57sec/qt
Sample-From:	Pit 6	Filter-Cake:	1/32nd"	K+C*1000:	7%	Low-Gravity Solids:	2.2%vol	PV	19cp
Time:	20:00	HTHP-FL:	0.0cc/30min	Hard/Ca:	0mg/l	H2O:	93%	YP	37lb/100ft²
Weight:	9.50ppg	HTHP-cake:	0/32nd"	MBT:	2.5	Oil(%):	0%	Gels 10s	13
Temp:				PM:	0	Sand:	0.5	Gels 10m	15
				PF:	0	pH:	9.5	Fann 003	11
						PHPA:	0ppb	Fann 006	12
								Fann 100	35
								Fann 200	47
								Fann 300	56
								Fann 600	75

Comment

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	641.0
Rig Fuel	m3	0	11	0	201.0
POTABLE WATER	MT	15	24	0	299.0
Cement class G	MT	0	18	0	88.0
BLENDED CEMENT	MT	0	0	0	39.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	188	0	3,733.0

Pumps

Pump Data - Last 24 Hrs

Slow Pump Data

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	National 14 P-220	6.50	79.28	97	68	3200	400	2123.0	30	260	175	40	300	234	50	400	292
2	National 14 P-220	6.50	79.28	97	68	3200	400	2123.0	30	260	175	40	300	234	50	400	292
3	National 14 P-220	6.50	79.28	97	68	3200	400	2123.0	30	250	175	40	300	234	50	400	292

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	31
Dril-Quip	2
Baroid	1
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Tamboritha	2
Weatherford	2
Weatherford	1
Halliburton	2
Total	70

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Michael Flexmore/Kosta Georgiou

Available	**1846.7bbl**	**Losses**	**0.0bbl**
Active	331.0bbl	Downhole	0.0bbl
Mixing		Surf+ Equip	0.0bbl
Hole	1094.7bbl	Dumped	0.0bbl
Slug		De-Gasser	0.0bbl
Reserve	421.0bbl	De-Sander	0.0bbl
Kill		De-Silter	0.0bbl
Trip Tank		Centrifuge	0.0bbl

Equipment	Description	Mesh Size	Comments
Shaker 1	VSM-300	20/120	
Shaker 2	VSM-300	20/120	
Shaker 3	VSM-300	20/120	
Shaker 4	VSM-300	20/50	

Marine

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Weather on 29 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	10kn	330.0deg	1003.0mbar	13C°	0.6m	280.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		263600.00klb	0.8m	280.0deg	11s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	3.4	0	0	463.5
Potable Water	m3	0	5	0	0	440
Drill Water	m3	0	0	0	0	520
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie			Enroute to rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	16.2	0	0	497.2
Potable Water	Mt	233	5	0	0	453
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	1132 / 1152	0 / 6	3rd Party

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DRILLING MORNING REPORT # 49

30 Nov 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$847,823
Rig	West Triton (semi)	Days from spud	15.23	Shoe MDBRT	804.0m	Cum Cost	AUD$28,124,911
Wtr Dpth (MSL)	78m	Days on well	48.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Laying down excess tubulars from derrick.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Remove work platform and setback on main deck. Remove conductor tensioner unit and setback. Prepare to skid cantilever. Rig down texas deck and secure same. Skid out cantilever and install generator #4 in engine room, Skid cantilever forward and pin and secure same. Complete securing sea fastenings. Prepare to commence jacking operations.		

Summary of Period 0000 to 2400 Hrs

RIH with 13.375" casing cutter assembly and cut 13.375" casing at 155m. POOH and racked back 13.375" casing cutter. Retrieved welhead. POOH with 13.375" casing and laid down same. Set a 65m balanced cement plug from 185m to 120m. Pulled above and circulated bottoms up. Made up 30" casing cutter assembly and RIH to 113m. Cut 30" conductor at 113m. POOH and laid out 30" casing cutter. Removed Icon clamp and CTU inserts. Commenced pulling and laying down 30" conductor. ROV completed final seabed survey of PeeJay-1.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	12 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	7 Days	Simulated fire drill at BOP unit	
First Aid Case	1	43 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	40 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	9	0 Days		
Man Overboard	1	0 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	7	0 Days		
Safety Meeting	2	1 Day	Weekly safety meeting	Weekly safety meeting
STOP Card	25	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 30 Nov 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G7	0000	0100	1.00	2183.0m	Surface tested 13.375" casing cutter. Good test. RIH to 155m.
P21	P	G7	0100	0130	0.50	2183.0m	Cut 13.375" casing at 155m. RPM 110, GPM, 370, SPP 800 psi, Torque 0-3 K ft-lbs. Reduced CTU to 83 bar = 114MT. POOH with 13.375" casing cutter assembly.
P21	P	G15	0130	0230	1.00	2183.0m	Made up wear bushing retrieving tool and RIH and retrieved nominal bore protector at 18m. POOH to surface and laid down wear bushing retrieval tool.
P21	P	G9	0230	0400	1.50	2183.0m	Made up Dril-Quip clutch type running tool. RIH and engaged 18.75" wellhead and 13.375" casing. POOH and laid out same.
P21	P	G1	0400	0430	0.50	2183.0m	Rigged up 13.375" casing handling equipment.
P21	P	G9	0430	0800	3.50	2183.0m	POOH laying down 13.375" casing. Laid out 2 x pup joints, 7 x joints, mud line hanger, 2 x joints and cut off joint.
P21	P	G9	0800	0900	1.00	2183.0m	Changed handling equipment from 13.375" to 5.5". Picked up 18.75" wellhead and soft broke crossover on Dril-Quip clutch type running tool. Laid out same.
P21	P	G8	0900	0930	0.50	2183.0m	Made up mule shoe and RIH with 5.5" drill pipe. No resistance passing 13.375" casing

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							stump at 155m. Hung up at 207m. Apperared to have gone down outside of 13.375" casing.
P21	TP (WB)	G8	0930	1030	1.00	2183.0m	Pulled back to 155m and attempted to re-enter 13.375" casing while rotating string, each time running down and hanging up at 207m. POOH with drill string.
P21	TP (WB)	G8	1030	1230	2.00	2183.0m	Installed 14" spring bow centraliser on 5.5" drill pipe above mule shoe and RIH. Tagged top of 13.375" casing stump at 155m. Picked up and rotated string 1/4 turn at a time and attempted to enter casing. Repeated several times and finally passed 155m. Continued to RIH - string held up at 207m - still outside 13.375" casing.
P21	TP (WB)	G8	1230	1300	0.50	2183.0m	POOH and removed 14" spring bow centraliser.
P21	TP (WB)	G8	1300	1400	1.00	2183.0m	RIH with mule shoe and 5.5" drill pipe. Hung up at 207m. Pulled back to 185m. Picked up cement stand.
P21	P	F3	1400	1500	1.00	2183.0m	Set balanced cement plug #3 from 185m - 120m (65m): Spaced out to place mule shoe at 185m. Rigged up cement lines. Cement unit broke circulation and pumped 5 bbls sea water. Pressure tested lines to 2000 psi. Mixed and pumped 160 bbls of 15.8 ppg cement slurry (34MT HTB Cement). Displaced with 5 bbls of sea water. (Under displaced by 3 bbls)
P21	P	G8	1500	1530	0.50	2183.0m	Rigged down cement circulating head assembly and cement hose line. POOH (dry) slowly to 120m.
P21	P	F4	1530	1600	0.50	2183.0m	Circulated bottoms up at 1000 gpm, 100 psi. POOH.
P21	P	G9	1600	1700	1.00	2183.0m	Made up 30" casing cutter assembly. Surface tested same. Ok.
P21	P	G8	1700	1730	0.50	2183.0m	RIH with 30" casing cutter to 113m.
P21	P	G9	1730	1830	1.00	2183.0m	Cut 30" casing at 113m. RPM 110, GPM 150, SPP 1400 psi, Torque 3-5 K ft-lbs. Reduced CTU to 70 bar = 96 MT.
P21	P	G8	1830	1930	1.00	2183.0m	POOH with 30" casing cutter assembly and laid down same.
P21	P	G9	1930	2030	1.00	2183.0m	Rigged up lifting slings and prepared to pull conductor landing joint above rotary table.
P21	P	G9	2030	2300	2.50	2183.0m	Pulled 30" conductor free and lifted 2m. Removed Icon clamp and conductor tensioner unit split inserts.
P21	P	G9	2300	2400	1.00	2183.0m	Pulled 30" conductor from 113m to 94m and laid out 1 x upper cut off joint.

Operations For Period 0000 Hrs to 0600 Hrs on 01 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G1	0000	0030	0.50	2183.0m	Rigged down lifting slings. Rigged up 30" side door elevators.
P21	P	G9	0030	0330	3.00	2183.0m	POOH with 30" conductor from 94m to surface laying down 6 x full joints and 1 x lower cut off joint.
P21	P	G1	0330	0430	1.00	2183.0m	Rigged down 30" handling equipment and cleared rig floor of excess equipment.
P21	P	G2	0430	0600	1.50	2183.0m	(IN PROGRESS) Rigged up 5.5" drill pipe handling equipment, and laid down excess tubulars from derrick.

Phase Data to 2400hrs, 30 Nov 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	783	13 Oct 2008	15 Nov 2008	783.00	32.625	0.0m
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	819.00	34.125	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	856.00	35.667	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	891.50	37.146	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	915.00	38.125	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	928.00	38.667	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	1,095.50	45.646	2183.0m
Suspend and Abandon(P21)	64.5	28 Nov 2008	30 Nov 2008	1,160.00	48.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 30 Nov 2008

Operational Comments	CTU tensioner = bled to zero.
Operational Comments	West Triton Rig Equipment Concerns 1) Number 4 main generator down. Replacement generator onboard to be fitted at end of well. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.
Operational Comments	ROV completed final seabed survey of PeeJay-1 location.

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	50	0	0	691.0
Rig Fuel	m3	65	11	0	255.0
POTABLE WATER	MT	114	24	0	389.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	39	0	0.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	1787	0	0	5,520.0

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	31
Dril-Quip	2
Baroid	1
Baker Hughes Inteq	2
Baker Hughes Inteq	2
Tamboritha	2
Weatherford	2
Weatherford	1
Halliburton	2
Total	70

Marine

Weather on 30 Nov 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	37kn	270.0deg	995.0mbar	13C°	2.3m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2784.00klb	2.7m	280.0deg	13s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	2.7	65	0	395.8
Potable Water	m3	0	5	100	0	335
Drill Water	m3	0	0	55	0	465
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	09:10 hrs 30/11/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	16.7	0	0	480.5
Potable Water	Mt	0	5	0	0	448
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

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Australian Drilling Associates Pty Ltd ADA

DRILLING MORNING REPORT # 50

01 Dec 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$727,593
Rig	West Triton (semi)	Days from spud	16.23	Shoe MDBRT	804.0m	Cum Cost	AUD$28,852,504
Wtr Dpth (MSL)	78m	Days on well	49.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	WOW to commence jacking operations.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	WOW to commence jacking operations.		

Summary of Period 0000 to 2400 Hrs

Pulled and laid down 30" conductor pipe. Laid down excess tubulars from derrick. Removed work platform from texas deck. Nippled down CTU and setback. Rigged down Texas deck and secured same. Prepared to skid cantilever. Skidded cantilever aft and installed #4 Generator in engine room. Skidded cantilever forward and pinned and secured same. Prepared and secured sea fastenings in preparation for tow.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	13 Days	All personnel mustered at life boats.	Abandon rig drill.
Fire Drill	1	8 Days	Simulated fire drill at BOP unit	
First Aid Case	1	44 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose. Medical examination, ice pack and analgesic medication - all treatment by medic.
First Aid Incident	1	41 Days	On Pacific Valkyrie	Deck hand sprained wrist when connecting tow bridle to vessel.
JSA	18	0 Days		
Man Overboard	1	33 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	18	0 Days		
Safety Meeting	2	2 Days	Weekly safety meeting	Weekly safety meeting
STOP Card	26	0 Days		Stop cards submitted for the day.

Operations For Period 0000 Hrs to 2400 Hrs on 01 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P21	P	G1	0000	0030	0.50	2183.0m	Rigged down lifting slings. Rigged up 30" side door elevators.
P21	P	G9	0030	0330	3.00	2183.0m	POOH with 30" conductor from 94m to surface laying down 6 x full joints and 1 x lower cut off joint.
P21	P	G1	0330	0430	1.00	2183.0m	Rigged down 30" handling equipment and cleared rig floor of excess equipment.
P21	P	G2	0430	0800	3.50	2183.0m	Rigged up 5.5" drill pipe handling equipment, and laid down excess tubulars from derrick.
P21	P	G1	0800	0930	1.50	2183.0m	Rigged up lifting slings and picked up work platform and setback on main deck.
P21	P	G1	0930	1030	1.00	2183.0m	Removed conductor tensioner unit, setback and secured same.
P21	P	G1	1030	1200	1.50	2183.0m	Rigged down texas deck and secured same. Removed access stairs to texas deck.
P1	P	M2	1200	1430	2.50	2183.0m	Prepared to skid cantilever. Removed all stairways, service hoses and flow line.
P1	P	M2	1430	1500	0.50	2183.0m	Held PJSM and reviewed skidding procedures. Skidded cantilever aft 33 ft to allow access and installation of #4 generator into engine room.
P1	P	G1	1500	1600	1.00	2183.0m	Lowered generator into engine room. Picked up and secured choke and kill hoses.
P1	P	M2	1600	1830	2.50	2183.0m	Skidded cantilever forward and pinned and secured same.
P1	P	M2	1830	2030	2.00	2183.0m	Rigged up service lines and installed wedges.
P1	P	M2	2030	2400	3.50	2183.0m	Prepared and secured sea fastenings in preparation for tow.

Operations For Period 0000 Hrs to 0600 Hrs on 02 Dec 2008

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	0600	6.00	2183.0m	(IN PROGRESS) Waiting on weather to commence jacking operations. Weather: 00:00 hrs: Wind 37-43 knots, Waves 2.6m, Swell 2.8m 01:00 hrs: Wind 36-40 knots, Waves 1.5m, Swell 2.0m 02:00 hrs: Wind 30-32 knots, Waves 1.5m, Swell 2.5m 03:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 2.0m 04:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 3.5m 05:00 hrs: Wind 34-36 knots, Waves 1.5m. Swell 3.5m 06:00 hrs: Wind 35-37 knots, Waves 1.5m, Swell 3.5m 07:00 hrs: Wind 36-39 knots, Waves 1.0m, Swell 3.5m 08:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 3.0m 09:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 10:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 11:00 hrs: Wind 29-33 knots, Waves 3.0m, Swell 2.0m 12:00 hrs: Wind 29-30 knots, Waves 2.0m, Swell 1.5m 13:00 hrs: Wind 26-28 knots, Waves 2.0m, Swell 1.5m 14:00 hrs: Wind 24-25 knots, Waves 2.0m, Swell 1.5m 15:00 hrs: Wind 26-28 knots, Waves 1.0m, Swell 1.5m 16:00 hrs: Wind 31-33 knots, Waves 1.5m, Swell 2.0m 17:00 hrs: Wind 32-35 Knots, Waves 1.5m, Swell 1.5m 18:00 hrs: Wind 35-38 knots, Waves 1.5m, Swell 2.0m 19:00 hrs: Wind 30-33 knots, Waves 2.0m, Swell 3.0m 20:00 hrs: Wind 22-24 knots, Waves 1.5m, Swell 2.0m 21:00 hrs: Wind 17-21 knots, Waves 1.5m, Swell 2.0m 22:00 hrs: Wind 17-19 knots, Waves 1.5m, Swell 2.0m 23:00 hrs: Wind 24-26 knots, Waves 2.0m, Swell 2.0m 24:00 hrs: Wind 23-25 knots, Waves 3.0m, Swell 3.0m

Phase Data to 2400hrs, 01 Dec 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	36.00	1.500	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	73.00	3.042	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	108.50	4.521	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	132.00	5.500	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	145.00	6.042	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	312.50	13.021	2183.0m
Mob/Demob(P1)	795	13 Oct 2008	01 Dec 2008	1,107.50	46.146	2183.0m
Suspend and Abandon(P21)	76.5	28 Nov 2008	01 Dec 2008	1,184.00	49.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 01 Dec 2008

Operational Comments	Whilst waiting on weather to commence jacking operations, performed following: 1.) Changed out 2 x cam roller on IBOP. 2.) Removed bails 3.) Installed test tool in BOP test stump. 4.) Stripped fluid ends on mud pump #1. 5.) Changed out slug pit valve. 6.) Serviced top drive. 7.) Changed out oil on top drive.
Operational Comments	West Triton Rig Equipment Concerns 1) Lowered # 4 main generator down into Engine room. Installation ongoing. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	691.0
Rig Fuel	m3	0	5	0	250.0
POTABLE WATER	MT	5	25	0	369.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	0	0	0.0

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	289	0	5,231.0

Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	33
Dril-Quip	1
Baker Hughes Inteq	2
Tamboritha	2
Halliburton	1
Total	64

Marine

Weather on 01 Dec 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	37kn	270.0deg	999.0mbar	13C°	2.6m	280.0deg	6s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2200.00klb	2.8m	280.0deg	13s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	0.9	0	0	394.9
Potable Water	m3	0	5	0	0	330
Drill Water	m3	0	0	0	0	465
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	09:10 hrs 30/11/08		Standby rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11.1	0	0	469.4
Potable Water	Mt	0	5	0	0	443
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0928 / 0949	7 / 13	289 Fuel ltrs

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DRILLING MORNING REPORT # 51

02 Dec 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$668,363
Rig	West Triton (semi)	Days from spud	17.23	Shoe MDBRT	804.0m	Cum Cost	AUD$29,520,867
Wtr Dpth (MSL)	78m	Days on well	50.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Waiting on weather to commence jacking operations.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Wait on weather & commence jacking operations.		

Summary of Period 0000 to 2400 Hrs

Waiting on weather to commence jacking operations.
Held pre-move meeting.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	0 Days	Abandon rig drill.	All personnel mustered at life boats.
Fire Drill	1	9 Days	Fire drill at BOP unit	
First Aid Case	1	45 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.
JSA	6	0 Days	JSA's conducted for the day.	
Man Overboard	1	2 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	12	0 Days	PTW issued for the day.	
Safety Meeting	2	3 Days	Weekly safety meeting	
STOP Card	25	0 Days	Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 02 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	2400	24.00	2183.0m	Waiting on weather to commence jacking operations. Weather: 00:00 hrs: Wind 37-43 knots, Waves 2.6m, Swell 2.8m 01:00 hrs: Wind 36-40 knots, Waves 1.5m, Swell 2.0m 02:00 hrs: Wind 30-32 knots, Waves 1.5m, Swell 2.5m 03:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 2.0m 04:00 hrs: Wind 34-36 knots, Waves 1.5m, Swell 3.5m 05:00 hrs: Wind 34-36 knots, Waves 1.5m. Swell 3.5m 06:00 hrs: Wind 35-37 knots, Waves 1.5m, Swell 3.5m 07:00 hrs: Wind 36-39 knots, Waves 1.0m, Swell 3.5m 08:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 3.0m 09:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 10:00 hrs: Wind 34-36 knots, Waves 1.0m, Swell 2.5m 11:00 hrs: Wind 29-33 knots, Waves 3.0m, Swell 2.0m 12:00 hrs: Wind 29-30 knots, Waves 2.0m, Swell 1.5m 13:00 hrs: Wind 26-28 knots, Waves 2.0m, Swell 1.5m 14:00 hrs: Wind 24-25 knots, Waves 2.0m, Swell 1.5m 15:00 hrs: Wind 26-28 knots, Waves 1.0m, Swell 1.5m 16:00 hrs: Wind 31-33 knots, Waves 1.5m, Swell 2.0m 17:00 hrs: Wind 32-35 Knots, Waves 1.5m, Swell 1.5m 18:00 hrs: Wind 35-38 knots, Waves 1.5m, Swell 2.0m 19:00 hrs: Wind 30-33 knots, Waves 2.0m, Swell 3.0m 20:00 hrs: Wind 22-24 knots, Waves 1.5m, Swell 2.0m 21:00 hrs: Wind 17-21 knots, Waves 1.5m, Swell 2.0m 22:00 hrs: Wind 17-19 knots, Waves 1.5m, Swell 2.0m 23:00 hrs: Wind 24-26 knots, Waves 2.0m, Swell 2.0m 24:00 hrs: Wind 23-25 knots, Waves 3.0m, Swell 3.0m

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Operations For Period 0000 Hrs to 0600 Hrs on 03 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	0600	6.00	2183.0m	(IN PROGRESS) Waited on weather to commence jacking operations. Weather: 00:00 hrs: Wind 23-25 knots, Swell 3.0m, Combined Seas, 4.2m. 01:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 02:00 hrs: Wind 26-30 knots, Swell 3.0m, Combined Seas, 4.2m. 03:00 hrs: Wind 27-30 knots, Swell 3.0m, Combined Seas, 4.2m. 04:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 05:00 hrs: Wind 27-30 knots, Swell 2.5m, Combined Seas, 3.9m. 06:00 hrs: Wind 21-23 knots, Swell 3.0m, Combined Seas, 3.6m. 07:00 hrs: Wind 23-25 knots, Swell 2.0m, Combined Seas, 2.0m. 08:00 hrs: Wind 23-26 knots, Swell 2.0m, Combined Seas, 2.0m. 09:00 hrs: Wind 30-34 knots, Swell 2.0m, Combined Seas, 2.5m. 10:00 hrs: Wind 26-32 knots, Swell 2.0m, Combined Seas, 3.0m.

Phase Data to 2400hrs, 02 Dec 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	36.00	1.500	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	73.00	3.042	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	108.50	4.521	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	132.00	5.500	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	145.00	6.042	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	312.50	13.021	2183.0m
Suspend and Abandon(P21)	76.5	28 Nov 2008	01 Dec 2008	389.00	16.208	2183.0m
Mob/Demob(P1)	819	13 Oct 2008	02 Dec 2008	1,208.00	50.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 02 Dec 2008

Operational Comments	Held pre-move meeting
Operational Comments	Whilst waiting on weather to commence jacking operations, performed following: 1.) Checked out fluid ends on mud pumps #2 and #3. 2.) Changed out wear plate on mud pump #3. 3.) Stripped and rebuilt valve on cement manifold #1. 4.) Performed rig maintenance and house keeping. 5.) Cleaning all drill pipe threads. 6.) Reviewing Seadrill procedures 7.) Held muster drill all personnel.
Operational Comments	West Triton Rig Equipment Concerns 1) Installation of #4 main generator ongoing. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	691.0
Rig Fuel	m3	0	6	0	244.0
POTABLE WATER	MT	12	23	0	358.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	681	0	4,550.0

Personnel On Board

Company	Pax
ADA	4
Seadrill	13

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Personnel On Board

Catering	8
Seadrill Services	33
Dril-Quip	1
Baker Hughes Inteq	2
Tamboritha	2
Halliburton	1
Falconer Bryan	1
Fugro Survey	2
Go Offshore	1
Go Offshore	2
Total	70

Marine

Weather on 02 Dec 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	37kn	270.0deg	999.0mbar	13C°	2.6m	280.0deg	6s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
136.3deg		2200.00klb	2.8m	280.0deg	13s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	1	0	0	393.9
Potable Water	m3	0	5	0	0	325
Drill Water	m3	0	0	0	0	465
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	09:10 hrs 30/11/08	11:15 hrs 02/12/08	Burnie

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	11	0	0	458.4
Potable Water	Mt	0	5	0	0	438
Drill Water	m3	0	0	0	0	0
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

At Burnie for crew change

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0930 / 0950	13 / 6	681 Fuel ltrs

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DRILLING MORNING REPORT # 52

03 Dec 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$676,525
Rig	West Triton (semi)	Days from spud	18.23	Shoe MDBRT	804.0m	Cum Cost	AUD$30,197,392
Wtr Dpth (MSL)	78m	Days on well	51.33	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600	Preparing to connect Pacific Battler to main tow bridle, prior to commencing jacking operations.		
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op	Jack down to a 2m draft. Conduct integrity tests on all tanks, mud pits and sand traps. Commence jetting and jacking up all legs.		

Summary of Period 0000 to 2400 Hrs

Waited on weather to commence jacking operations. Jacked rig down to 5m air gap. Continued waiting on weather to commence jacking operations.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	Abandon rig drill.	All personnel mustered at life boats.
Fire Drill	1	10 Days	Fire drill at BOP unit	
First Aid Case	1	46 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.
JSA	10	0 Days	JSA's conducted for the day.	
Man Overboard	1	3 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	11	0 Days	PTW issued for the day.	
Safety Meeting	2	4 Days	Weekly safety meeting	
STOP Card	19	0 Days	Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 03 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	1000	10.00	2183.0m	Waited on weather to commence jacking operations. Weather: 00:00 hrs: Wind 23-25 knots, Swell 3.0m, Combined Seas, 4.2m. 01:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 02:00 hrs: Wind 26-30 knots, Swell 3.0m, Combined Seas, 4.2m. 03:00 hrs: Wind 27-30 knots, Swell 3.0m, Combined Seas, 4.2m. 04:00 hrs: Wind 26-29 knots, Swell 3.0m, Combined Seas, 4.2m. 05:00 hrs: Wind 27-30 knots, Swell 2.5m, Combined Seas, 3.9m. 06:00 hrs: Wind 21-23 knots, Swell 3.0m, Combined Seas, 3.6m. 07:00 hrs: Wind 23-25 knots, Swell 2.0m, Combined Seas, 2.0m. 08:00 hrs: Wind 23-26 knots, Swell 2.0m, Combined Seas, 2.0m. 09:00 hrs: Wind 30-34 knots, Swell 2.0m, Combined Seas, 2.5m. 10:00 hrs: Wind 26-32 knots, Swell 2.0m, Combined Seas, 3.0m.
P1	P	M3	1000	1100	1.00	2183.0m	Held JSA with all relevant personnel and reviewed jacking procedures. Tested jacks on all legs. Commenced jacking down to 5m air gap.
P1	TP (WOW)	G25	1100	2400	13.00	2183.0m	Waited on weather to commence jacking operations. Weather: 11:00 hrs: Wind 32-34 knots, Swell 2.5m, Combined Seas, 2.0m. 12:00 hrs: Wind 29-32 knots, Swell 2.5m, Combined Seas, 3.0m. 13:00 hrs: Wind 35-38 knots, Swell 2.5m, Combined Seas, 4.0m. 14:00 hrs: Wind 38-40 knots, Swell 2.5m, Combined Seas, 4.0m. 15:00 hrs: Wind 34-37 knots, Swell 2.5m, Combined Seas, 4.0m. 16:00 hrs: Wind 34-37 knots, Swell 2.5m, Combined Seas, 3.5m. 17:00 hrs: Wind 37-40 knots, Swell 2.5m, Combined Seas, 3.5m. 18:00 hrs: Wind 34-36 knots, Swell 2.5m, Combined Seas, 4.0m.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							19:00 hrs: Wind 30-34 knots, Swell 2.5m, Combined Seas, 4.0m. 20:00 hrs: Wind 27-30 knots, Swell 2.5m, Combined Seas, 4.0m. 21:00 hrs: Wind 20-25 knots, Swell 2.0m, Combined Seas, 4.0m. 22:00 hrs: Wind 18-22 knots, Swell 2.0m, Combined Seas, 4.0m. 23:00 hrs: Wind 22-25 knots, Swell 2.0m, Combined Seas, 3.0m. 24:00 hrs: Wind 20-23 knots, Swell 3.0m, Combined Seas, 2.0m.

Operations For Period 0000 Hrs to 0600 Hrs on 04 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	0430	4.50	2183.0m	Waited on weather to commence jacking operations. Weather: 01:00 hrs: Wind 12-18 knots, Swell 2.0m, Combined Seas, 2.0m. 02:00 hrs: Wind 13-16 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 03:00 hrs: Wind 10-14 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 04:00 hrs: Wind 10-13 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m.
P1	P	M3	0430	0600	1.50	0.0m	(IN PROGRESS) Held JSA with all relevant personnel and reviewed jacking procedures. Connected main tow bridle to Pacific Battler. Tested jacks on all legs. Jacked down hull to 4m draft.

Phase Data to 2400hrs, 03 Dec 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	36.00	1.500	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	73.00	3.042	218.0m
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	108.50	4.521	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	132.00	5.500	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	145.00	6.042	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	312.50	13.021	2183.0m
Suspend and Abandon(P21)	76.5	28 Nov 2008	01 Dec 2008	389.00	16.208	2183.0m
Mob/Demob(P1)	843	13 Oct 2008	03 Dec 2008	1,232.00	51.333	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 03 Dec 2008

Operational Comments	Whilst waiting on weather to commence jacking operations, performed following: 1.) Tested BOPs 250 psi/5000 psi. 2.) Tested choke manifold 250 psi/5000psi. 3.) Drained stack and removed test tool. 4.) Body tested BOPs 500 psi/10000psi. 5.) Prepare to test standpipe and kelly cocks off line. 6.) Reviewed and checked Seadrill procedures 7.) Continued with general maintenance and house keeping.
Operational Comments	West Triton Rig Equipment Concerns 1) Installation of #4 main generator ongoing. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	0	691.0
Rig Fuel	m3	0	7	0	237.0
POTABLE WATER	MT	0	18	0	340.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	742	0	0	5,292.0

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Personnel On Board

Company	Pax
ADA	4
Seadrill	13
Catering	8
Seadrill Services	30
Tamboritha	2
Halliburton	1
Falconer Bryan	1
Fugro Survey	2
Go Offshore	1
Go Offshore	2
Total	64

Marine

Weather on 03 Dec 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	12kn	230.0deg	1011.0mbar	11C°	1.4m	280.0deg	5s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2258.00klb	2.0m	280.0deg	11s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	2.2	0	0	391.7
Potable Water	m3	0	5	0	0	320
Drill Water	m3	0	0	0	0	465
Barite	Mt	0	0	0	0	42
CEMENT G	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	42
Brine	m3	0	0	0	0	0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Valkyrie	09:10 hrs 30/11/08	11:15 hrs 02/12/08	Standby Rig

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	14.3	444.1	0	444.1
Potable Water	Mt	3	0	0	0	441
Drill Water	m3	378	0	0	0	733
Barite	Mt	0	0	0	0	0
Bentonite	Mt	0	0	0	0	22
CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0925 / 0948	8 / 14	3rd Party

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DRILLING MORNING REPORT # 53

04 Dec 2008 **From:** Sean De Freitas / Peter Dane
To: Rob Oliver

PeeJay-1

Well Data

Country	Australia	MDBRT	2183.0m	Cur. Hole Size	12.250in	AFE Cost	AUD$29,476,000
Field	Peejay prospect	TVDBRT	2183.0m	Last Casing OD	13.375in	AFE No.	07/071
Drill Co.	Seadrill	Progress	0.0m	Shoe TVDBRT	804.0m	Daily Cost	AUD$484,791
Rig	West Triton (semi)	Days from spud	18.85	Shoe MDBRT	804.0m	Cum Cost	AUD$30,682,183
Wtr Dpth (MSL)	78m	Days on well	51.96	FIT/LOT:	/ 1.86sg		
RT-SL	34.15m	Planned TD MD	2133m	Current Op @ 0600			
RT-ML(MSL)	112.15m	Planned TD TVDRT	2133m	Planned Op			

Summary of Period 0000 to 2400 Hrs

Waited on weather to commence jacking operations. Connected Pacific Battler to main tow bridle. Jacked down hull to 4m draft. Conducted integrity tests on all tanks, mud pits and sand traps. Jetted and jacked legs. Connected Pacific Valkyrie to port bow pennant line. Rig afloat and all legs clear of seabed at 14:30 hrs. Rig released 1 nautical mile off PeeJay-1 location at 15:00 hrs on 04/12/08.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	Abandon rig drill.	All personnel mustered at life boats.
Fire Drill	1	11 Days	Fire drill at BOP unit	
First Aid Case	1	47 Days	Back strain when using wash down hose.	Patient suffered acute lower back pain after twisting while using a wash down hose.
JSA	4	0 Days	JSA's conducted for the day.	
Man Overboard	1	4 Days	Man Overboard drill	Drill for Man Overboard, standby vessel launched SRC and recovered dummy successfully.
Pre-tour Meeting	4	0 Days	Safety Meeting.	Held Pretour and pre job safety meetings with crews.
PTW issued	10	0 Days	PTW issued for the day.	
Safety Meeting	2	5 Days	Weekly safety meeting	
STOP Card	18	0 Days	Stop cards submitted for the day.	

Operations For Period 0000 Hrs to 2400 Hrs on 04 Dec 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P1	TP (WOW)	G25	0000	0430	4.50	2183.0m	Waited on weather to commence jacking operations. Weather: 01:00 hrs: Wind 12-18 knots, Swell 2.0m, Combined Seas, 2.0m. 02:00 hrs: Wind 13-16 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 03:00 hrs: Wind 10-14 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m. 04:00 hrs: Wind 10-13 knots, Swell 2.0m, Combined Seas, 1.0m to 2.0m.
P1	P	M3	0430	0630	2.00	0.0m	Held JSA with all relevant personnel and reviewed jacking procedures. Connected main tow bridle to Pacific Battler. Tested jacks on all legs. Jacked down hull to 4m draft.
P1	P	M3	0630	0900	2.50	2183.0m	Conducted water tight integrity tests on all tanks, mud pits and sand traps.
P1	P	M3	0900	1100	2.00	2183.0m	Connected hoses. Commenced jetting all legs at 940 gpm, 0 psi. Jacked hull down to 6.5m draft, and increased jetting at 1290 gpm, 0 psi. Closed in Starboard and Port jetting lines and jetted Bow leg at 1200 gpm, 250 psi.
P1	P	M3	1100	1200	1.00	2183.0m	Shut down mud pumps. Removed jet lines and jacked down hull to 7m draft. Re-instated bottom jet lines.
P1	P	M3	1200	1300	1.00	2183.0m	Jetted port leg at 1200 gpm, 300 psi at 7m draft.
P1	P	M3	1300	1330	0.50	2183.0m	Jetted all 3 legs at 1400 gpm, 0 psi.
P1	P	M3	1330	1430	1.00	2183.0m	Legs free. Jacked up all legs to 94m. Concurrently connected Pacific Valkyrie to port bow pennant line. Rig afloat and all legs clear of seabed at 14:30 hrs.
P1	P	M3	1430	1500	0.50	2183.0m	Rig released 1 nautical mile off PeeJay-1 location at 15:00 hrs on 04/12/08.

Phase Data to 2400hrs, 04 Dec 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Conductor Hole(P2)	36	15 Nov 2008	16 Nov 2008	36.00	1.500	218.0m
Conductor Casing(P3)	37	16 Nov 2008	18 Nov 2008	73.00	3.042	218.0m

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Phase Data to 2400hrs, 04 Dec 2008

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Surface Hole(P4)	35.5	18 Nov 2008	19 Nov 2008	108.50	4.521	810.0m
Surface Casing(P5)	23.5	19 Nov 2008	20 Nov 2008	132.00	5.500	810.0m
BOPs/Risers(P6)	13	20 Nov 2008	21 Nov 2008	145.00	6.042	810.0m
Production Hole (1)(P11)	167.5	21 Nov 2008	28 Nov 2008	312.50	13.021	2183.0m
Suspend and Abandon(P21)	76.5	28 Nov 2008	01 Dec 2008	389.00	16.208	2183.0m
Mob/Demob(P1)	858	13 Oct 2008	04 Dec 2008	1,247.00	51.958	2183.0m

General Comments

00:00 TO 24:00 Hrs ON 04 Dec 2008

Operational Comments	West Triton Rig Equipment Concerns 1) Installation of #4 main generator ongoing. 2) Cyber chair pressure gauges for the standpipe & choke manifolds require calibration. 3) Remote controller for Iron Roughneck not operational - waiting on new control switch 4) Need new BOP test tool mandrel. Ordered on the 24/10/08.

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Drill Water	MT	0	0	25	716.0
Rig Fuel	m3	0	44	0	193.0
POTABLE WATER	MT	0	0	100	440.0
Cement class G	MT	0	0	0	88.0
BLENDED CEMENT	MT	0	0	0	0.0
Bentonite	MT	0	0	0	51.0
Barite	MT	0	0	0	82.0
Brine	m3	0	0	0	137.0
Helifuel	ltr	0	0	0	5,292.0

Personnel On Board

Company	Pax
ADA	4
Seadrill	14
Catering	8
Seadrill Services	30
Tamboritha	2
Halliburton	1
Falconer Bryan	1
Fugro Survey	2
Go Offshore	1
Go Offshore	2
Total	65

Marine

Weather on 04 Dec 2008

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	20kn	290.0deg	998.0mbar	12C°	2.0m	280.0deg	12s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
136.3deg		2242.00klb	2.3m	280.0deg	13s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Pacific Battler	11:06 hrs 28/11/08		Rig under tow to Spikey Beach-1, on main tow bridle.

Bulks

Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Rig Fuel	m3	0	6.3	0	0	385.7
Potable Water	m3	0	3	0	0	317

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				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
				Drill Water	m3	0	0	0	0	465
				Barite	Mt	0	0	0	0	42
				CEMENT G	Mt	0	0	0	0	0
				Bentonite	Mt	0	0	0	0	42
				Brine	m3	0	0	0	0	0

				Item	Unit	In	Used	Transfer to Rig	Adjust	Quantity
Pacific Valkyrie	09:10 hrs 30/11/08	11:15 hrs 02/12/08	Rig under tow to Spikey Beach-1 on port bow pennant line.	Rig Fuel	m3	0	5	0	0	441
				Potable Water	Mt	0	1	0	0	440
				Drill Water	m3	0	0	0	0	733
				Barite	Mt	0	0	0	0	0
				Bentonite	Mt	0	0	0	0	22
				CEMENT G	Mt	0	0	0	0	58

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
BWJ	Bristow Helicopters	0925 / 0945	4 / 3	No Fuel

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Printed on 27 May 2009

Appendix 3

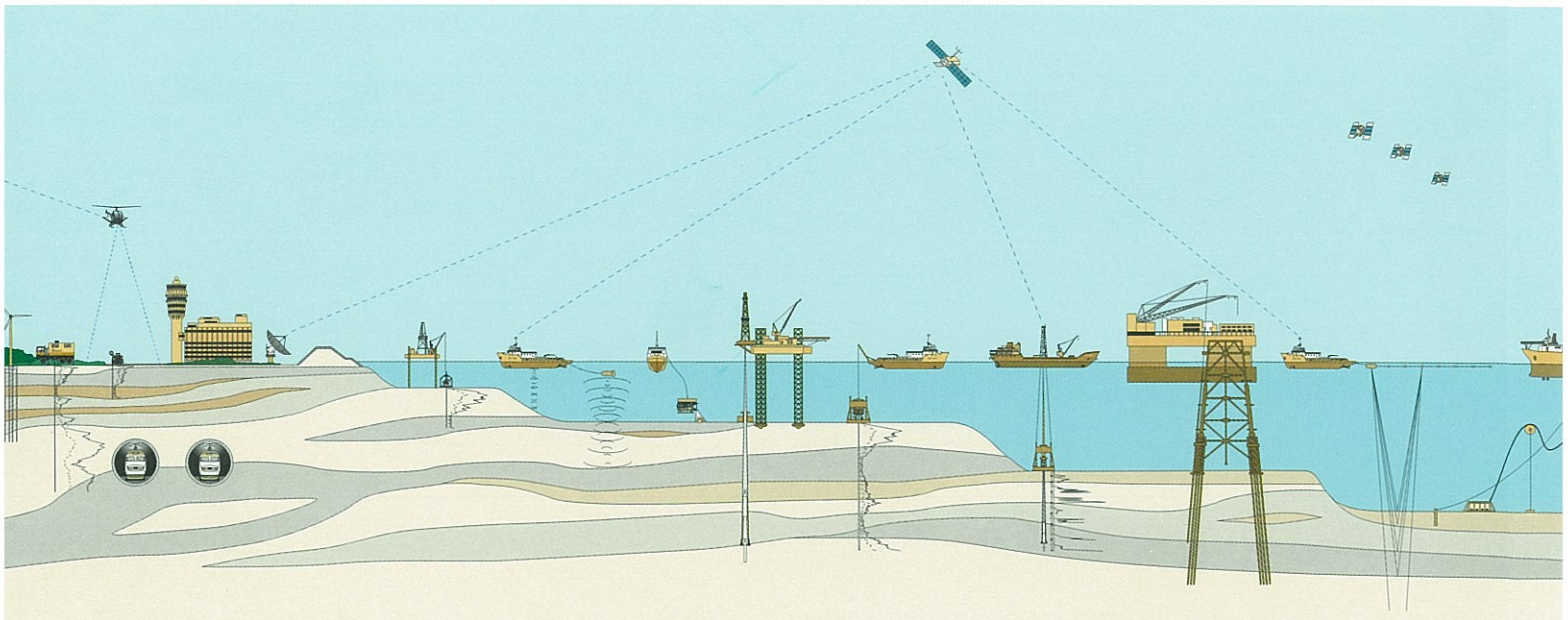
Rig Positioning Report

REPORT FOR THE WEST TRITON RIG MOVE TO PEEJAY-1 LOCATION

FUGRO BTW LTD JOB NO. 07066

Client : Australian Drilling Associates Pty Ltd

Date of Survey : 07 November to 19 November 2008



14-22 Connett Rd West, Bell Block, PO Box 39, New Plymouth, NZ. Tel: 64 6 7695040 Fax: 64 6 7696262

REPORT FOR THE WEST TRITON RIG MOVE TO THE PEEJAY-1 LOCATION

FUGRO BTW JOB NO. – 07066

Client : AUSTRALIAN DRILLING ASSOCIATES PTY LTD

Date of Project : 07 November to 17 November 2008

0	Final			
Rev	Description	Checked	Approved	Date

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APPENDIX C – CALIBRATIONS AND CHECKLISTS
APPENDIX D - VESSEL OFFSET DIAGRAM
APPENDIX E - CLIENT SUPPLIED DATA

1.0 EXECUTIVE SUMMARY

Between the 07 November and 19 November 2008 Fugro BTW Limited (Fugro) provided equipment and personnel for the Jack Up Mobile Offshore Drilling Unit (MODU) West Triton, rig move from Bazzard-1 to the PeeJay-1 location.

Surface positioning was achieved utilising Fugro's Starfix Differential GPS (DGPS) interfaced to Fugro's SEIS navigation software.

The final position derived from DGPS observations of the West Triton Drill stem at the PeeJay-1 location is:

Location Name	West Triton : Drill stem
MGA94, UTM Zone 55 S	
Easting	**445754.686 m**
Northing	**5516921.312 m**
GDA94-ITRF2008.50	
Latitude	**40º 29' 47.9079" S**
Longitude	**146º 21' 35.4578" E**
Rig Heading (True)	**136.42° (True)**
Height above Australian Height Datum (AHD)	
Rotary Table (RT)	**34.543 m**

TABLE 2-1 : FINAL COORDINATES AND HEADING

This position is 5.04 m at a bearing of 058.19° **True** FROM the proposed Peejay-1 location.

All coordinates in this report are quoted in terms of Geocentric Datum of Australia 1994 (GDA94) and Map Grid of Australia 1994, UTM Zone 55 S (MGA94) projection unless otherwise stated.

2.0 INTRODUCTION

Fugro BTW Ltd (Fugro) was contracted by Australian Drilling Associates Pty Ltd (ADA) to provide navigation and positioning survey services onboard the Jack Up Rig (JUR) West Triton, during the rig move to the PeeJay-1 location in the Bass Strait, Australia.

A general location diagram is shown in Figure 1-1.

This report details the equipment used survey parameters adopted, procedures employed and the results achieved. A section on safety is included in Section 4.0 of this report.

2.1 Scope of Work

Personnel and equipment were provided on a 24 hour per day basis for:

- Final rig surface positioning at the PeeJay-1 location using DGPS observations.
- Final reporting of the positioning results.

2.2 Sequence of Events

On 07 November 2008, A. Waugh departed New Plymouth, New Zealand for Melbourne, Australia. On arrival in Melbourne A. Waugh joined G. Marshall at the Hilton hotel, Melbourne airport remaining overnight. On 08 November G. Marshall and A. Waugh proceeded to the Bristow Heliport and departed for the *West* Triton arriving onboard at 1130. At 1400 on 08 November 2008 the navigation systems and telemetry links were confirmed as fully operational between the *West Triton* and AHV's. Jacking down operations commenced at 1328 on 09 November 2008 and the tow to PeeJay-1 commenced at 1718. The rig was positioned at 0140 12 November 2008 and jacking operations commenced to enable the commencement of the preloading operations. Preload operations commenced at 1718 12 November and were completed at 1900 14 November. A. Waugh departed the West Triton on 15 November returning to New Zealand on 16 November. Final jacking up to drilling draft commenced at 0210 16 November and the final fix commenced at 0250. G. Marshall departed the West Triton on 18 November returning to New Zealand on 19 November.

Further details of Fugro's involvement in the rig move are presented in the daily operations reports included in **Appendix A.**

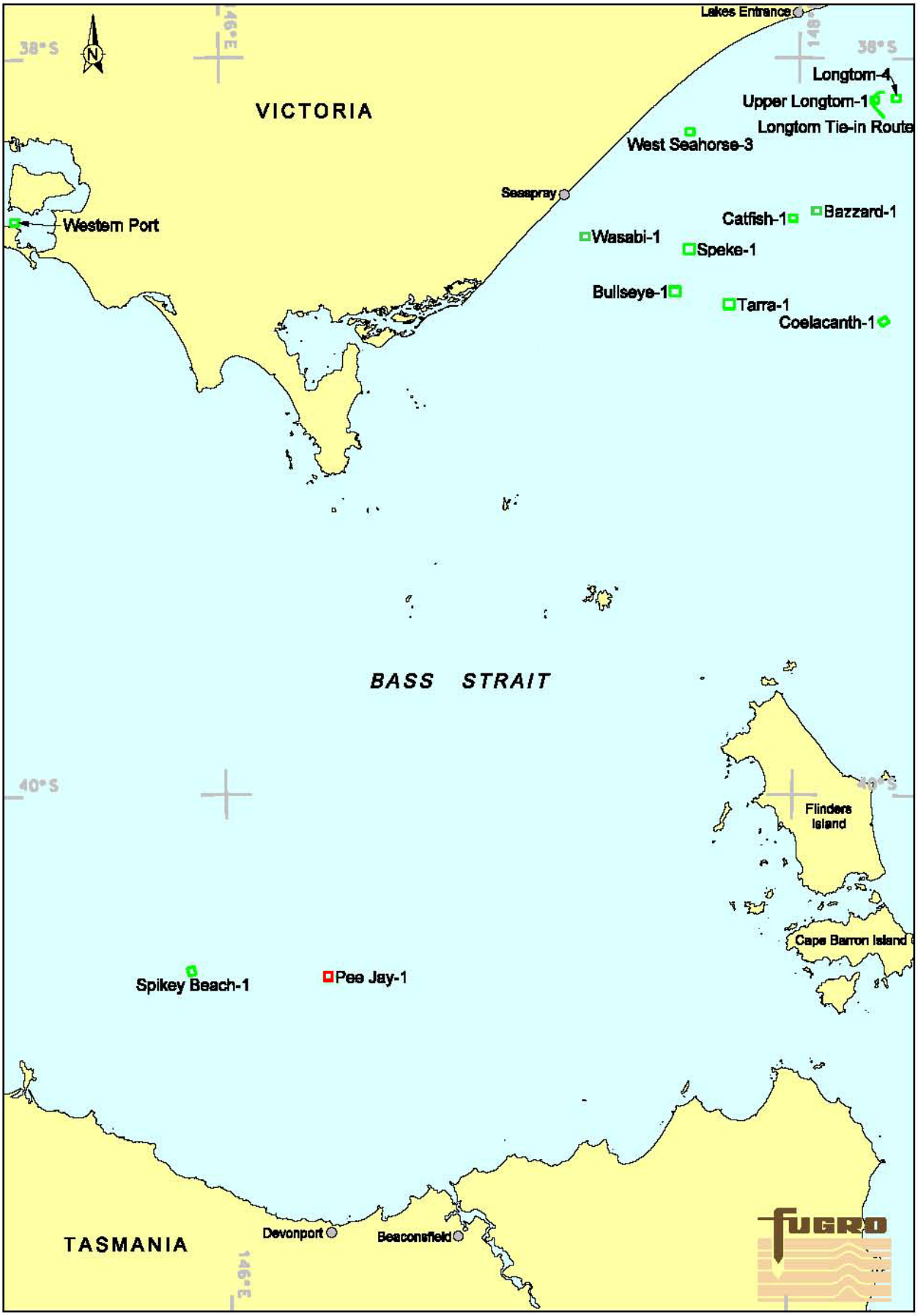


FIGURE 1 : PEEJAY-1 GENERAL LOCATION DIAGRAM

3.0 RESULTS

3.1 Final Position

The final position of the West Triton drill stem at PeeJay-1 was established by calculating the mean position from 6 hours of DGPS data logged between 0250 and 0850 on 16 November 2008. During this period, calculated drill stem coordinates from the primary positioning system were logged and the data used to calculate the final position.

Geocentric Datum of Australia 1994 geographical positions for the West Triton drill stem at the PeeJay-1 location are shown in Table 3-1.

Geocentric Datum of Australia 1994, ITRF2008.50			
Position	**Method**	**Latitude**	**Longitude**
West Triton Drill Stem	DGPS	40º 29' 47.9079" S	146º 21' 35.4578" E
Client Supplied Design for PeeJay-1		40º 29' 47.9940" S	146º 21' 35.2760" E

TABLE 3-1 : GEOGRAPHICAL POSITIONS

Map Grid of Australia 1994 grid coordinates (UTM Zone 55 S, CM 147 E) for the West Triton drill stem at the PeeJay-1 location are shown in Table 3-2.

Map Grid of Australia 1994, UTM Zone 55 S			
Position	**Method**	**Easting**	**Northing**
West Triton Drill Stem	DGPS	445754.686 m	5516921.312 m
Client Supplied Design for PeeJay-1		445750.426 m	5516918.626 m

TABLE 3-2 : GRID COORDINATES

The position is 5.04 **m** at a bearing of 058.19º True (057.77° G) from the design location.

A copy of the original rig position field report is contained in Appendix B.

3.2 Rig Heading

Gyro calibration's were undertaken prior to undertaking the rig move at the Wasabi-1 location by sun azimuth to compute the C-O correction.

A copy of the Gyro calibration reports are shown in Appendix C.

The West Triton's heading at PeeJay-1 is shown in Table 3-3.

Description	**Method**	**True**	**Grid**
West Triton heading at PeeJay-1	GYRO	136.42°	136.00°
Client Supplied Design heading		135.00°	134.58°

TABLE 3-3 : FINAL HEADING

3.3 Height

The *West Triton* Rotary Table's (RT) height above Australian Height Datum (AHD) was determined from logging 6 hours of carrier phase GPS data between 0250 and 0850 on 16 November 2008. During this period, antenna heights from the primary positioning system were logged and the data used to calculate the final height of the RT.

The *West Triton's* Rotary Table height is shown in Table 3-4.

Description	Method	Height above AHD
West Triton Rotary Table at PeeJay-1	Carrier Phase GPS	34.543 m

TABLE 3-4 : FINAL HEIGHT

4.0 SAFETY

All work undertaken by Fugro personnel during the project was preformed within the guidelines of Fugro's Safety policy, as defined in Fugro's Safety Manual (SMS – P01) and Offshore Survey Practices (SMS SP26).

Fugro personnel worked within all project safety guidelines and plans adopted by Seadrill and ADA.

No safety incidents involving Fugro personnel were reported during the project.

Fugro personnel attended a vessel induction, pre rig move meeting and weekly safety meeting whilst onboard.

5.0 GEODETIC PARAMETERS

5.1 Datum and Projection

All coordinates are referenced to the Geocentric Datum of Australia 1994 (GDA94) unless otherwise noted. The Global Positioning System (GPS) operates on the World Geodetic System 1984 (WGS84) datum. Fugro's Differential GPS Reference Stations are currently defined in the International Terrestrial Reference Frame 2000 (ITRF2000 Epoch 2008.50) datum. Due to the continual refinement of the WGS84 reference frame, for all cases, the transformation parameters indicate that the WGS84 and ITRF2000 reference frames are essentially identical.

Datum	**:**	**World Geodetic System 1984 (WGS84)**
Reference Spheroid	:	World Geodetic System 1984
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257223563

Datum	**:**	**Geocentric Datum of Australia 1994 (GDA94)**
Reference Spheroid	:	Geodetic Reference System 1980 (GRS80)
Semi Major Axis	:	6378137.000m
Inverse flattening	:	298.257222101

The following seven parameter datum transformation was used in Fugro's software, to transform WGS84 (ITRF2000 Epoch 2008.50) coordinates to GDA94 coordinates. These parameters are calculated from the 14 parameter transformation defined by Geoscience Australia. Fugro follows the Coordinate Frame Rotation convention (as defined by UKOOA) for datum transformations.

Transformation Parameters from WGS84 (ITRF2000 Epoch 2008.50) to GDA94			
dX	+0.0174m	rX	+0.017554"
dY	-0.0484m	rY	+0.015065"
dZ	-0.1035m	rZ	+0.018157"
dS	+0.003362ppm		

TABLE 5-1 : TRANSFORMATION PARAMETERS

No transformation is needed in order to compute between WGS84 to GRS80.

Well grid coordinates are referenced to the Map Grid of Australia.

Grid	**:**	**Map Grid of Australia 1994 (MGA94)**
Projection	:	Universal Transverse Mercator (UTM)
Latitude of Origin	:	0°
Central Meridian	:	147° E (UTM Zone 55)
Central Scale Factor	:	0.9996
False Easting	:	500000m
False Northing	:	10000000m
Units	:	Metres

6.0 DIFFERENTIAL GPS REFERENCE STATIONS

Fugro's Differential GPS Reference Stations are currently defined in the ITRF2008.25 datum and shown in Table 6-1

Datum: ITRF 2000 Epoch 2008.25 Reference Ellipsoid: GRS80					
Station Name	**Station ID**	**Latitude**	**Longitude**	**Height (m)**	**Uplink**
Bathurst	336	33° 25′ 46.87757″	149° 34′ 01.97016″	756.670	OCSat / APSat
Brisbane	275	27° 28′ 38.48593″	153° 01′ 37.35303″	93.155	OCSat
Ceduna	355	32° 07′ 03.04719″	133° 41′ 22.85207″	7.280	OCSat
Cobar	316	31° 29′ 57.42962″	145° 50′ 20.34599″	270.176	OCSat / APSat
Melbourne	385	37° 47′ 59.26402″	144° 57′ 39.31144″	67.338	OCSat / APSat

TABLE 6-1 : GPS REFERENCE STATIONS

7.0 PROJECT COORDINATES AND TOLERANCES

Project target coordinates supplied by the client and surface tolerances for the West Triton Drill Stem at the PeeJay-1 location are shown in Table 7.1

Map Grid of Australia 1994, UTM Zone 55 S			
Location	**Easting (m)**	**Northing (m)**	**Tolerance**
West Triton at PeeJay-1	445750.426 m	5516918.626 m	±20 m

TABLE 7-1 : PROJECT DESIGN COORDINATES

8.0 PERSONNEL

8.1 Personnel Listing

G. Marshall	Surveyor in Charge	07 November 2008 – 19 November 2008
A. Waugh	Surveyor/Technician	07 November 2008 – 16 November 2008

9.0 VESSELS

The vessels used for towing the West Triton were the Anchor Handling vessel *AHV Pacific Battler* and the *AHV Pacific Valkyrie*. Refer to Appendix D for the offset diagram of the West Triton.

10.0 CONCLUSIONS AND RECOMMENDATIONS

On reviewing the rig move and positioning operations undertaken by Fugro the *West Triton* was successfully positioned at the PeeJay-1 location.

11.0 DISTRIBUTION

Australian Drilling Associates Pty Ltd	: 1 electronic copy
Fugro BTW Ltd	: 1 paper copy : 1 electronic copy

APPENDIX A
Daily Operations Reports

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 07/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
1230 AEDT	2359 AEDT	G. Marshall checks in Hilton Airport Hotel.
1415 NZDT	1500 NZDT	A. Waugh travel from New Plymouth to Auckland airport.
1620 NZST	1820 AEST	A. Waugh travel from New Zealand to Melbourne.
		NOTE All times now AEDT
1900	2359	A. Waugh checks in Hilton Airport Hotel.
1900	2359	G. Marshall and A. Waugh overnight in Melbourne.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION: 2 x Hilton Airport Hotel					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-01

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

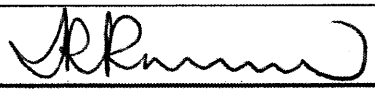
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 08/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0700	G. Marshall and A. Waugh overnight at Melbourne.
0715	0915	G. Marshall and A. Waugh check in at heliport and attend Helicopter Safety Briefing.
0915	1117	G. Marshall and A. Waugh fly to West Triton.
1300	1400	G. Marshall and A. Waugh attend Saturday Rig Safety meeting.
1400		All Navigation systems operational.
1900	1937	G. Marshall and A. Waugh attend Rig Move meeting.
1937	2359	Standing by for rig move.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	2	G. Marshall and A. Waugh attend rig induction.
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Rig move operations.
HSE / Project Meetings	1	Night company mans meeting.

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-02

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 09/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1030	Standing by for rig move.
1030	1045	Abandon Rig Drill.
1310	1328	Pacific Battler connected to main Tow Wire.
1328	1412	Commence jacking down operations.
1412	1454	Pacific Valkyrie connected to secondary Tow Wire.
1454	1512	Stop Jacking operations for water tight integrity check.
1512	1528	Jacking hull up.
1528	1548	Stop jacking up.
1548	1718	Recommence jacking down operations.
1718	2359	Commence tow to PeeJay-1.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	1	Abandon Rig Drill.
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-03

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 10/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Continue tow to PeeJay-1 location.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-04

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

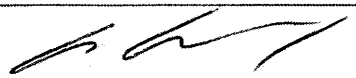
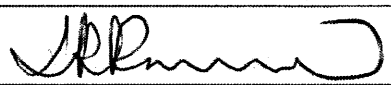
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 11/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2200	Continue tow to PeeJay-1 location.
0600	0833	Pacific Battler and Pacific Valkyrie decreasing power and shortening in on tows.
0833	0900	Pacific Valkyrie disconnected from secondary tow bridal.
0900		Pacific Valkyrie connected to port aft tow bridal.
1830	1930	Pacific Valkyrie shut down Nav system. Talked through rebooting system.
2200	2359	Commence jacking down.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-05

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

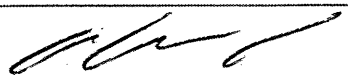
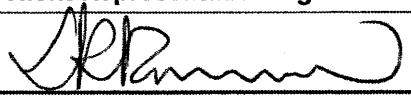
CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 12/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001		Rig at 1 mile from location.
0001	0140	Continue jacking down.
0140	0145	Soft Pinned.
0145	1718	Jacking rig to enable preload.
0728	0928	Logging data for Pre Spud.fix.
1718	2359	Commence Pre Load.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-06

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 13/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Continue Pre Load.
1522		Pacific Battler slipped from main tow pennant.
1538	1615	Pacific Valkyrie slipped from port aft tow wire. Proceeding to connect to main tow pennant.
1615		Pacific Valkyrie connected to main tow pennant.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-07

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 14/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1900	Continue Pre Load.
0530		Pacific Valkyrie disconnected from main tow pennant.
1900		Complete preload. Dumping ballast.
2100		Decision to stay at this air gap to drill the first 50m section of well.
2100	2359	Waiting to conduct heighting and Final fix.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-08

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 15/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Waiting to conduct heighting and final fix.
0800	0830	A. Waugh attends helicopter safety briefing.
1030	1215	A. Waugh departs West Triton for Melbourne. Remain overnight.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Helicopter Safety Briefing
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION: 1 x Hilton Hotel Melbourne Airport.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-09

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 16/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0210	Waiting to conduct heighting and final fix.
0210	0240	Jacking up to drilling draft.
0250	0850	Commence logging for final fix and heighting.
0700	0720	Attend morning meeting.
0850	1200	Processing final fix data.
1200	1700	A. Waugh departs Melbourne for New Zealand.
1200	2359	Awaiting departure from rig.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3	A. Waugh	Surveyor/Technician
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-10

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 17/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	2359	Awaiting departure from rig.
1930	1945	Helicopter safety briefing.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	1	Helicopter Safety Briefing
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-11

Fugro-BTW
PM-F50
DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 18/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	1000	Awaiting departure from rig.
1000	1200	Depart West Triton for Melbourne.
1230	1830	Check in at Melbourne airport.
1830	2359	Depart Melbourne for New Zealand.

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	0	

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-12

Fugro-BTW
PM-F50

DAILY OPERATIONS REPORT

CLIENT: ADA PTY LTD	LOCATION: BASS STRAIT, AUSTRALIA	DATE: 19/11/08
PROJECT: RIG MOVE TO PEEJAY-1 LOCATION	VESSEL: WEST TRITON	JOB NO: 07066

FROM	TO	SUMMARY OF OPERATIONS
0001	0200	Travel to New Zealand

HSE DETAILS		
Emergency Muster	0	
Incidents	0	
Safety Drills Fire/Abandon	0	
Safety Notices Received	0	
Vessel inductions	0	
Toolbox Meetings	0	
Hazard Cards Submitted	0	
JHA's	0	
HSE / Project Meetings	1	Company Man's meeting

EQUIPMENT RIG	NO.	EQUIPMENT REMOTE	NO.	PERSONNEL	TITLE
Starfix Seis	2	Starfix Wombat (remote)	2	G. Marshall	Surveyor in Charge
Starfix HP DGPS	3	Fluxgate Compass	3		
Radio Modem	2	Radio Modem	2		
UPS	2	Starfix HP DGPS	2		
Theodolite	1				
SG Brown Gyro	2				
VEHICLES:					
CONSUMABLES:					
ACCOMMODATION:.					

AUTHORISED CONTRACT CHANGES / COMMENTS:

Party Chief Signature:	Client Representative Signature:	D O R Number
		07066-13

APPENDIX B
Final Positioning Data

Starfix Final Fix Report

Fugro Job Number	07066 Pee Jay 1
Job Name	West Triton Rig Move
Fugro Personnel	G. Marshall - Surveyor in Charge
	A. Waugh - Surveyor/Technician
Client Name	ADA
Client Representative	R. Rossouw
Sampling Started	15 Nov 2008 3:49:01 PM UTC
Sampling Ended	15 Nov 2008 9:52:12 PM UTC
Output File Name	"320 21 52 12.pdf"
Comment	Peejay-1 Final Fix

West Triton At Pee Jay-1 - Final DGPS Position Fix Summary for DS

DS Offset From CRP

Starboard	0.000 m
Forward	0.000 m
Up	0.000 m

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9079"S
Longitude	146°21'35.4578"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445754.686 m
Northing	5516921.312 m
Final Rig Heading	136.42 °T (Convergence -0.42° Aust/NZ)
Gyro C-O	-295.14 °

DS Position is 5.04 m on a bearing of 58.19 °T (57.77 °G) FROM intended location

The Rotary Table is 34.543m Above the Australian Height Datum (AHD)

Intended Offset / Well Location

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9940"S
Longitude	146°21'35.2760"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445750.426 m
Northing	5516918.626 m

Surveyor in Charge: _____

Client Representative : _____

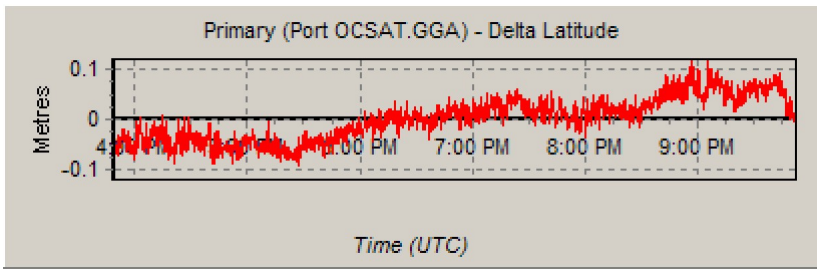
Geodetic Parameters

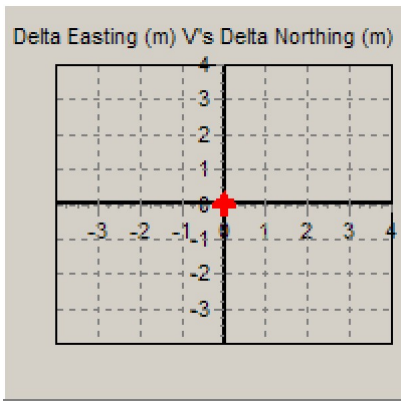
```
Geodetic Datum          GDA94-ITRF2008.50
Spheroid                GRS80
Semi-Major Axis         6378137.000
Inverse Flattening          298.2572221010
Eccentricity^2                0.006694380022901
DX                          0.0174m        RX       0.0176 arc seconds
DY                         -0.0484m        RY       0.0151 arc seconds
DZ                         -0.1035m        RZ       0.0182 arc seconds
D Scale                     0.0034ppm
Rotation Convention +RZ=-RLongitude
Projection              Universal Transverse Mercator Zone: 55
Latitude of Origin        0°00'00.0000"N
Longitude of Origin     147°00'00.0000"E
False Easting             500000.000m
False Northing          10000000.000m
Convergence             -  0°24'54.5517"
```

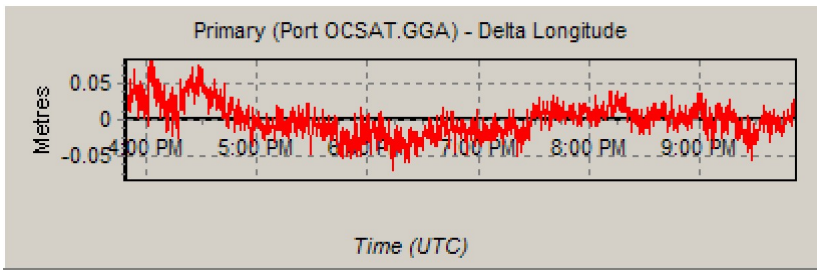
Final Primary Antenna Position (Port OCSAT.GGA)

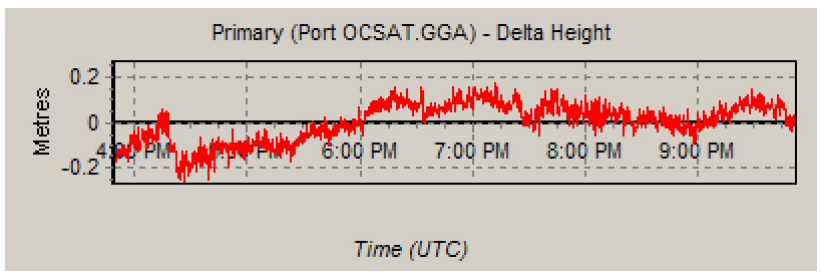
2180 observations used out of a total of 2180

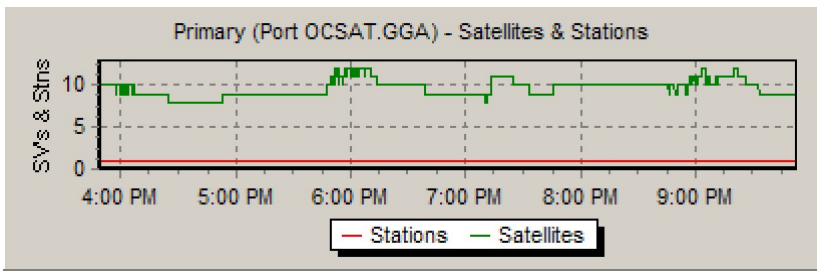
```
Primary Antenna Offset from CRP
      Starboard    -13.704 m
      Forward       94.883 m
      Up            16.890 m

Mean
      Geodetic Datum       WGS84
            Latitude           40°29'49.8048"S
            Longitude        146°21'38.6700"E
            Spheroidal Ht     35.69 m
      Geodetic Datum       GDA94-ITRF2008.50
            Latitude           40°29'49.8305"S
            Longitude        146°21'38.6585"E
            Spheroidal Ht     35.75 m
      Projection           Universal Transverse Mercator Zone: 55
            Easting             445830.455 m
            Northing           5516862.578 m
      HDOP                      0.96
      Heading                 136.42 °T
      Age Of Corrections       12.4 s
      Satellites               10

Standard Deviation
      Latitude or Northing    0.04 m
      Longitude or Easting    0.02 m
      Spheroidal Height       0.09 m
      HDOP                    0.15
      Heading                 0.05 °T
```

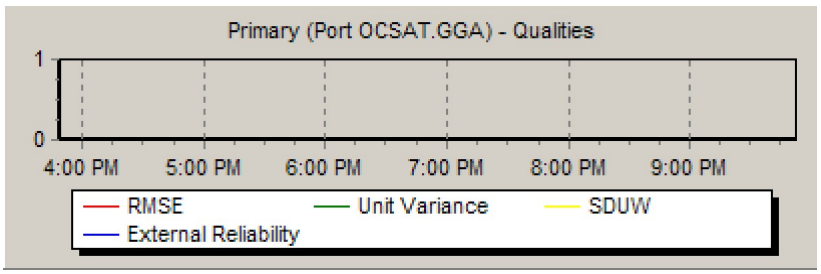

Primary (Port OCSAT.GGA) - Delta Latitude
Metres
0.1
0
-0.1
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Delta Easting (m) V's Delta Northing (m)
4
3
2
1
0
-1
-2
-3
-3
-2
-1
1
2
3
4


Primary (Port OCSAT.GGA) - Delta Longitude
Metres
0.05
0
-0.05
5:00 PM
8:00 PM
9:00 PM
Time (UTC)


Primary (Port OCSAT.GGA) - Delta Height
Metres
0.2
0
-0.2
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Primary (Port OCSAT.GGA) - Satellites & Stations
SVs & Stns
10
5
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Stations
Satellites


Primary (Port OCSAT.GGA) - Qualities
1
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
RMSE
Unit Variance
SDUW
External Reliability

Final Secondary Antenna Position (Stbd APSAT.GGA)
2180 observations used out of a total of 2180

Seconday Antenna Offset from CRP

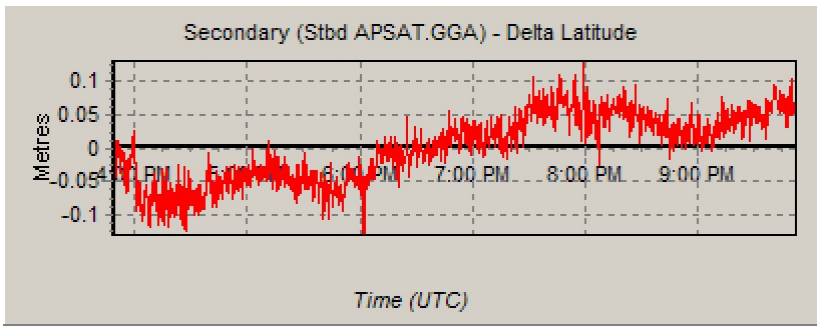
Starboard	13.616 m
Forward	94.893 m
Up	17.040 m

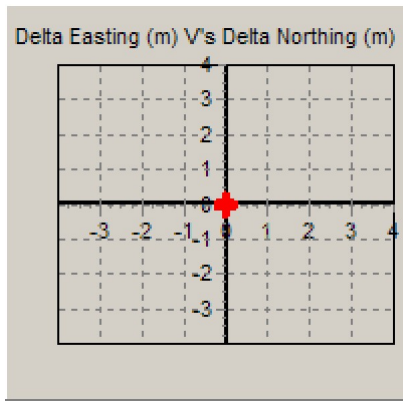
Mean

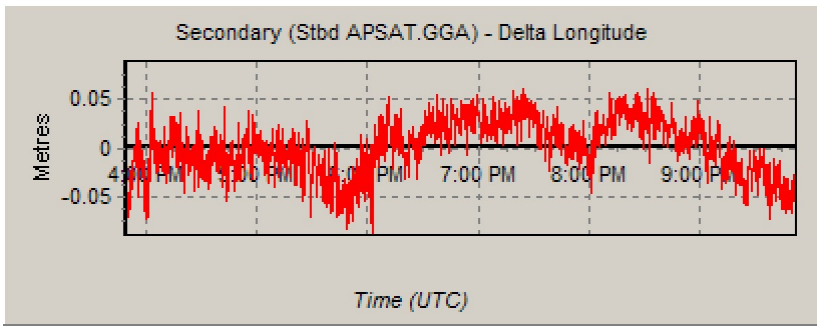
Geodetic Datum	WGS84
Latitude	40°29'50.4201"S
Longitude	146°21'37.8376"E
Spheroidal Ht	35.76 m
Geodetic Datum	GDA94-ITRF2008.50
Latitude	40°29'50.4458"S
Longitude	146°21'37.8260"E
Spheroidal Ht	35.82 m
Projection	Universal Transverse Mercator Zone: 55
Easting	445810.998 m
Northing	5516843.464 m
HDOP	0.96
Age Of Corrections	10.4 s
Satellites	10

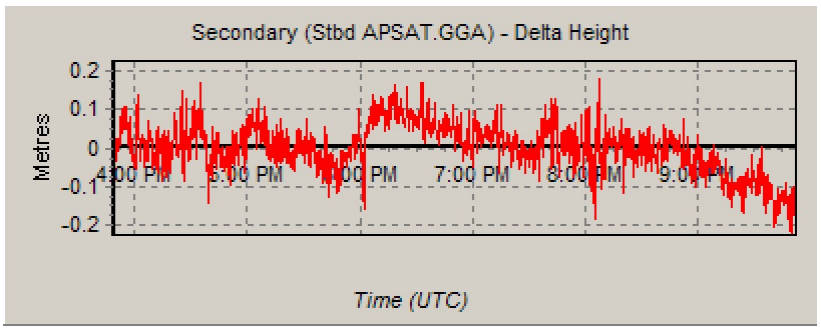
Standard Deviation

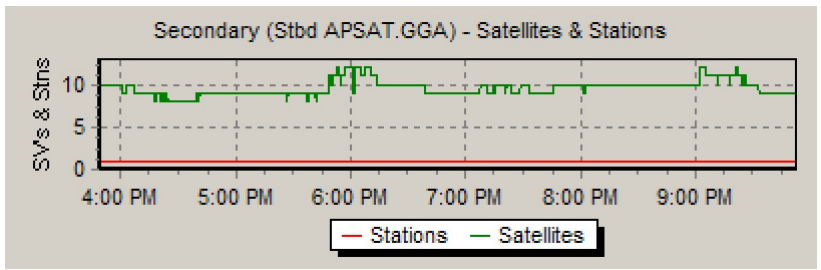
Latitude or Northing	0.05 m
Longitude or Easting	0.03 m
Spheroidal Height	0.06 m
HDOP	0.14

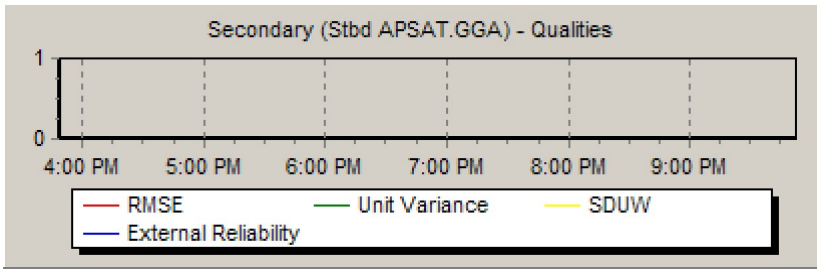


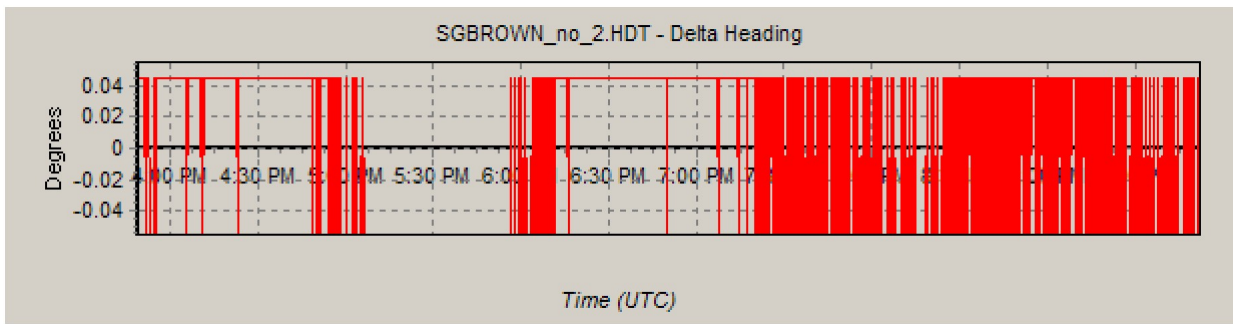





Secondary (Stbd APSAT.GGA) - Delta Height
Metres
0.2
0.1
0
-0.1
-0.2
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Time (UTC)


Secondary (Stbd APSAT.GGA) - Satellites & Stations
SVs & Stns
10
5
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
Stations
Satellites


Secondary (Stbd APSAT.GGA) - Qualities
1
0
4:00 PM
5:00 PM
6:00 PM
7:00 PM
8:00 PM
9:00 PM
RMSE
Unit Variance
SDUW
External Reliability


SGBROWN_no_2.HDT - Delta Heading
Degrees
0.04
0.02
0
-0.02
-0.04
4:30 PM
5:30 PM
6:30 PM
7:00 PM
Time (UTC)

Australian Government

Geoscience Australia

AUSPOS Online GPS Processing Report

Space Geodesy Analysis Centre
Geohazards Division, Geoscience Australia

November 16, 2008

This document is a report of the GPS data processing undertaken by the AUSPOS Online GPS Processing Service. The AUSPOS Online GPS Processing Service uses International GPS Service (IGS) products (final, rapid, ultra-rapid depending on availability) including Precise Orbits, Earth Orientation, Coordinate Solutions (IGS-SSC) to compute precise coordinates in ITRF anywhere on Earth. The Service is designed to process only dual frequency GPS phase data.

The AUSPOS Online GPS Processing Service is a free service and you are encouraged to use it for your projects. However, you may not charge others for this service. Geoscience Australia does not warrant that this service a) is error free; b) meets the customer's requirements. Geoscience Australia shall not be liable to the customer in respect of any loss, damage or injury (including consequential loss, damage or injury) however caused, which may arise directly or indirectly in respect of this service.

An overview of the GPS processing strategy is attached to this report. Please direct email correspondence to geodesy@ga.gov.au

AUSPOS Project Manager

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Geoscience Australia Home Page: www.ga.gov.au

Job number: #194754; User: `geoff@btw.co.nz` AUSPOS version 1.01.25

1 User and IGS GPS Data

All antenna heights refer to the vertical distance from the Ground Mark to the Antennna Reference Point (ARP).

User File	Antenna Type	Antenna Height (m)	Start Time	End Time
PEJ1320P.080	DEFAULT(NONE)	0.0000	2008-11-15 15:49:59	2008-11-15 21:50:00

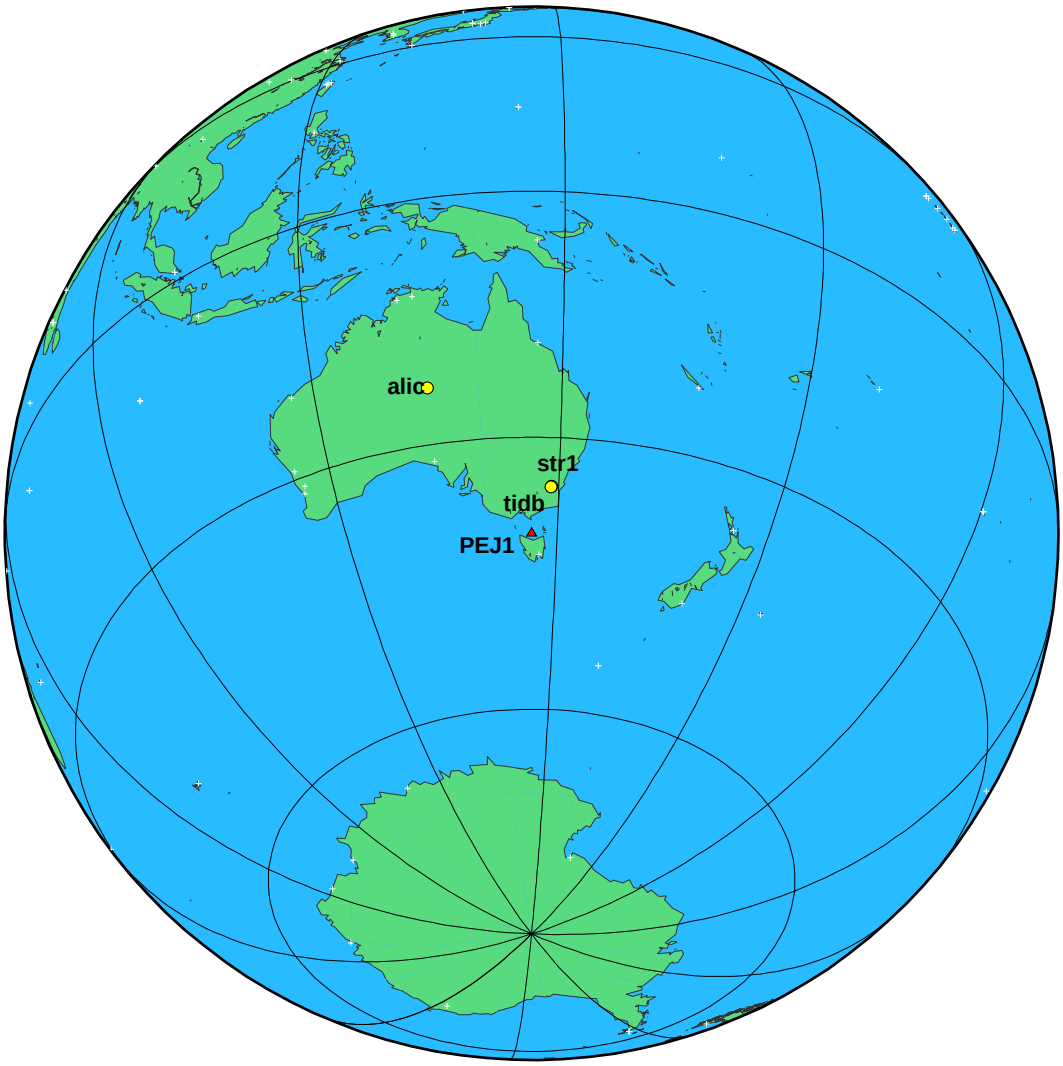


Figure 1: Global View – submitted GPS station(s) and nearby IGS GPS stations used in the processing; triangle(s) represent submitted user data; circle(s) represent the nearest available IGS stations.

2 Processing Summary

Date	IGS Data	User Data	Orbit Type
2008-11-15	tidb str1 alic	PEJ1	IGS Ultra-Rapid

Warning: An IGS Ultra-Rapid orbit product has been used in this computation. For improved results please resubmit approximately 2 days after the observation session end to ensure the use of the IGS Rapid orbit product. For the highest quality coordinates please resubmit approximately 2 weeks after the observation session end to ensure the use of the IGS Final orbit product.

3 Computed Coordinates, GDA94

For Australian users Geocentric Datum of Australia (GDA94, ITRF92@1994.0) coordinates are provided. GDA94 coordinates are determined from ITRF coordinates by an Geoscience Australia (GA) derived coordinate transformation process. GA transformation parameters between ITRF and GDA94 are re-computed weekly, incorporating the latest available tectonic motions (determined from the GA GPS network). GA recommends that users within Australia use GDA94 coordinates. All coordinates refer to the Ground Mark. For general/technical information on GDA94 see www.ga.gov.au/nmd/geodesy/datums/gda.jsp and www.icsm.gov.au/icsm/gda/gdatm/

3.1 Cartesian, GDA94

	X(m)	Y(m)	Z(m)	
tidb	-4460996.066	2682557.136	-3674443.861	GDA94
alic	-4052051.766	4212836.203	-2545106.024	GDA94
str1	-4467102.302	2683039.530	-3666949.979	GDA94
PEJ1	-4043710.615	2690630.793	-4120144.594	GDA94

3.2 Geodetic, GRS80 Ellipsoid, GDA94

The height above the Geoid is computed using the GPS Ellipsoidal height and subtracting a Geoid-Ellipsoid separation. Geoid-Ellipsoidal separations are computed using a bilinear interpolation of the AUSGeoid98 grid. The height above the Geoid is only provided for sites within the AUSGeoid98 extents. For information on AUSGeoid98 see www.ga.gov.au/nmd/geodesy/ausgeoid/

	Latitude(DMS)	Longitude(DMS)	Ellipsoidal Height(m)	Above-Geoid Height(m)	
tidb	-35-23 -57.1560	148 58 47.9845	665.426	646.140	GDA94
alic	-23-40 -12.4460	133 53 7.8478	603.348	587.671	GDA94
str1	-35-18 -55.9395	149 0 36.1798	800.028	780.691	GDA94
PEJ1	-40-29 -49.8319	146 21 38.6591	35.730	36.806	GDA94

3.3 MGA Grid, GRS80 Ellipsoid, GDA94

	East(M)	North(M)	Zone	Ellipsoidal Height(m)	Above-Geoid Height(m)	
tidb	679807.859	6080884.476	55	665.426	646.140	GDA94
alic	386352.398	7381850.770	53	603.348	587.671	GDA94
str1	682726.019	6090110.671	55	800.028	780.691	GDA94
PEJ1	445830.469	5516862.533	55	35.730	36.806	GDA94

4 Computed Coordinates, ITRF2000

All computed coordinates are based on the IGS realisation of the ITRF2000 reference frame, provided by the IGS cumulative solution. All the given ITRF2000 coordinates refer to a mean epoch of the site observation data. All coordinates refer to the Ground Mark.

4.1 Cartesian, ITRF2000

	X(m)	Y(m)	Z(m)	ITRF2000 @
tidb	-4460996.578	2682557.100	-3674443.183	2008/11/15
alic	-4052052.319	4212836.072	-2545105.230	2008/11/15
str1	-4467102.814	2683039.493	-3666949.301	2008/11/15
PEJ1	-4043711.171	2690630.841	-4120143.948	2008/11/15

4.2 Geodetic, GRS80 Ellipsoid, ITRF2000

The height above the Geoid is computed using the GPS Ellipsoidal height and subtracting a Geoid-Ellipsoid separation. Geoid-Ellipsoidal separations, in this section, are computed using a spherical harmonic synthesis of the global EGM96 geoid. More information on the EGM96 geoid can be found at earth-info.nga.mil/GandG/wgsegm/egm96.html

	Latitude(DMS)	Longitude(DMS)	Ellipsoidal Height(m)	Above-Geoid Height(m)
tidb	-35-23 -57.1302	148 58 47.9961	665.376	646.213
alic	-23-40 -12.4186	133 53 7.8651	603.294	587.977
str1	-35-18 -55.9137	149 0 36.1914	799.978	780.733
PEJ1	-40-29 -49.8057	146 21 38.6705	35.683	36.942

5 Solution Information

To validate your solution you should check the :-

i. Antenna Reference Point (ARP) to Ground Mark records;

ii. Apriori Coordinate Updates (valid range is 0.000 - 15.000 m);

iii. Coordinate Precision (valid range is 0.001 - 0.025 m);

iv. Root Mean Square (RMS) (valid range is 0.0005 - 0.0250 m); and

v. % Observations Deleted (valid range is 0 - 25) %;

5.1 ARP to Ground Mark, per day

All heights refer to the vertical distance from the Ground Mark to the Antenna Reference Point (ARP). The Antenna Offsets refer to the vertical distance from the ARP to the L1 phase centre.

	Height(m)	Antenna Offsets(m)			
Station	Up	East	North	Up	yyyy/mm/dd
PEJ1	0.0000	0.0000	0.0000	0.0000	2008/11/15

5.2 Apriori Coordinate Updates - Cartesian, per day

	dX(m)	dY(m)	dZ(m)	yyyy/mm/dd
PEJ1	-0.069	-0.024	-0.035	2008/11/15

5.3 Coordinate Precision - Cartesian, per day

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
PEJ1	0.014	0.014	0.014	2008/11/15

5.4 RMS, Observations, Deletions per day

Data	RMS (m)	# Observations	% Obs. Deleted	Date
tidb	0.0140	7464	4 %	2008-11-15
alic	0.0161	5610	11 %	2008-11-15
str1	0.0136	7301	3 %	2008-11-15
PEJ1	0.0154	13495	8 %	2008-11-15

A GPS Computation Standards

A.1 Measurement Modelling

Observable	Ionosphere corrected L1 double difference carrier phase, Psuedo-range only used for receiver clock estimation, Elevation cut-off 15^o, Sampling rate 30 seconds, Weighting 1.0cm for double difference, elevation dependent 1/sin(E).
Troposphere	Hopfield, Niell mapping function
Preprocessing	Receiver clocks estimated using pseudo-range information
Satellite center of mass correction	Block II x,y,z: 0.2794, 0.0000, 1.0259 m Block IIA x,y,z: 0.2794, 0.0000, 1.2053 m
Satellite Antenna Phase centre calibration	Not applied
Ground Antenna phase centre calibrations	Elevation-dependent phase centre corrections are applied according to the model IGS01, the NGS antenna calibrations are used when the antenna used is not a recognised IGS type. The corrections are given relative to the Dorne Margolin T antenna.
Atmospheric Drag	Jachhia Model
Centre of Mass Correction / Attitude	Nil

A.2 Orbit Modelling

Earth's Gravitational (Static) Potential Model	EGM96 - degree and order 12
Solid Earth Tides (Dynamic) Potential	Love Model
Ocean Tide (Dynamic) Potential	Christodoulidis
Third Body Perturbations	Sun, Moon and Planets Values for physical constants - AU, Moon/Earth mass ratio, GM(moon, sun and planets) from JPL DE403 Planetary Ephemeris.
Direct Solar Radiation Pressure	Rock

A.3 Station Position Modelling and Reference Frame

Precession	IAU76/IERS96
Nutation	IAU80/IERS96 (including epsilon and psi corrections)
Sine terms added to accumulated precession and nutation in Right Ascension	As in IERS TN 21, p. 21
Geodesic Nutation	As in IERS TN 21, P. 37
Polar Motion	IGS Earth Orientation Parameters (Ultra-rapid, Rapid, Final) - apriori
Earth Rotation (UT1)	IGS Earth Orientation Parameters (Ultra-rapid, Rapid, Final) - apriori
Daily and Sub-daily tidal corrections to X, Y and UT1	Applied (IERS2000)
Plate Motion	IGS Cumulative SSC
Planetary and Lunar Ephemeris	JPL DE403
Station Displacement - Solid Earth Tide Loading	Williamson and Diamante (1972) + Wahr (1980) for the frequency dependent elastic response of the Earth's fluid interior.
Station Displacement - Ocean Tide Loading	not applied
Station Displacement - Pole Tide	applied
Station Displacement - Atmosphere Loading	not applied
Reference Frame	IGS Cumulative SSC

APPENDIX C
Calibrations and Checklists

GYRO COMPASS CALIBRATION BY SUN AZIMUTH - CALCULATION SUMMARY

Fugro Job Number:	07066	**Vessel:**	Ocean Patriot
Job Description:	Rig Move from Longtom-4 to Bazzard-1	**Instrument:**	Wild T2
Client:	Australian Drilling Associates	**Serial No:**	252357
Surveyor:	A. Waugh	**Date:**	September 17, 2008
Gyro Compass (Serial No):	SG Brown Gyro 1	**Time Zone :**	10

Vessel Details

	D	M	S
Enter correction from RO to vessel centreline	0°	00 '	00 "

Enter approximate WGS84 position of instrument :

	D	M	S
Latitude (ϕ)	-38 °	06 '	17 "
Longitude (λ)	148 °	20 '	04 "

Observations

Obs. No.	Date	UTC	Instrument Position		Calculated Sun Azimuth at UTC		Observed Direction to Sun				Calc'd Vessel Hdg	Obs'd Vessel Hdg	Sun Semi Diameter	(C-O) Degrees
			Latitude (ϕ) DMS	Longitude (λ) DMS	DMS	Dec. Deg	Deg	Min	Sec	Dec. Deg				
1	17-Sep-08	5:44:43	-038° 06' 17.00"	148° 20' 4.00"	294° 21' 2.48"	294.351 °	269°	34'	56	269.582	24.768 °	319.90 °	0.2657	-295.13 °
2	17-Sep-08	5:45:45	-038° 06' 17.00"	148° 20' 4.00"	294° 09' 9.83"	294.153 °	269°	23'	59	269.400	24.753 °	319.90 °	0.2657	-295.15 °
3	17-Sep-08	5:46:23	-038° 06' 17.00"	148° 20' 4.00"	294° 01' 54.14"	294.032 °	269°	16'	0	269.267	24.765 °	319.90 °	0.2657	-295.13 °
4	17-Sep-08	5:46:50	-038° 06' 17.00"	148° 20' 4.00"	293° 56' 45.08"	293.946 °	269°	10'	56	269.182	24.764 °	319.90 °	0.2657	-295.14 °
5	17-Sep-08	5:47:30	-038° 06' 17.00"	148° 20' 4.00"	293° 49' 7.98"	293.819 °	269°	03'	57	269.066	24.753 °	319.90 °	0.2657	-295.15 °
6	17-Sep-08	5:48:04	-038° 06' 17.00"	148° 20' 4.00"	293° 42' 40.16"	293.711 °	268°	57'	08	268.952	24.759 °	319.90 °	0.2657	-295.14 °
7	17-Sep-08	5:48:39	-038° 06' 17.00"	148° 20' 4.00"	293° 36' 1.62"	293.600 °	268°	50'	32	268.842	24.758 °	319.90 °	0.2657	-295.14 °
8	17-Sep-08	5:49:12	-038° 06' 17.00"	148° 20' 4.00"	293° 29' 46.48"	293.496 °	268°	44'	49	268.747	24.749 °	319.90 °	0.2657	-295.15 °
9	17-Sep-08	5:49:48	-038° 06' 17.00"	148° 20' 4.00"	293° 22' 57.94"	293.383 °	268°	37'	46	268.629	24.753 °	319.90 °	0.2657	-295.15 °
10	17-Sep-08	5:50:12	-038° 06' 17.00"	148° 20' 4.00"	293° 18' 25.97"	293.307 °	268°	32'	49	268.547	24.760 °	319.90 °	0.2657	-295.14 °
11	17-Sep-08	5:50:45	-038° 06' 17.00"	148° 20' 4.00"	293° 12' 12.54"	293.203 °	268°	25'	48	268.430	24.773 °	319.90 °	0.2657	-295.13 °
12	17-Sep-08	5:51:07	-038° 06' 17.00"	148° 20' 4.00"	293° 08' 3.92"	293.134 °	268°	22'	41	268.378	24.756 °	319.90 °	0.2657	-295.14 °
13	17-Sep-08	5:51:34	-038° 06' 17.00"	148° 20' 4.00"	293° 02' 59.17"	293.050 °	268°	17'	46	268.296	24.754 °	319.90 °	0.2657	-295.15 °
14	17-Sep-08	5:52:18	-038° 06' 17.00"	148° 20' 4.00"	292° 54' 43.38"	292.912 °	268°	09'	29	268.158	24.754 °	319.90 °	0.2657	-295.15 °
15	17-Sep-08	5:52:55	-038° 06' 17.00"	148° 20' 4.00"	292° 47' 47.27"	292.796 °	268°	02'	44	268.046	24.751 °	319.90 °	0.2657	-295.15 °
16	17-Sep-08	5:53:15	-038° 06' 17.00"	148° 20' 4.00"	292° 44' 2.66"	292.734 °	267°	58'	48	267.980	24.754 °	319.90 °	0.2657	-295.15 °
17	17-Sep-08	5:53:44	-038° 06' 17.00"	148° 20' 4.00"	292° 38' 37.36"	292.644 °	267°	52'	30	267.875	24.769 °	319.90 °	0.2657	-295.13 °
18	17-Sep-08	5:54:09	-038° 06' 17.00"	148° 20' 4.00"	292° 33' 57.29"	292.566 °	267°	47'	36	267.793	24.773 °	319.90 °	0.2657	-295.13 °
19	17-Sep-08	5:54:30	-038° 06' 17.00"	148° 20' 4.00"	292° 30' 2.29"	292.501 °	267°	43'	56	267.732	24.768 °	319.90 °	0.2657	-295.13 °
20	17-Sep-08	5:54:49	-038° 06' 17.00"	148° 20' 4.00"	292° 26' 29.87"	292.442 °	267°	40'	41	267.678	24.764 °	319.90 °	0.2657	-295.14 °

Mean	**-295.14 °**
Std. Deviation	**0.01**
Maximum	**-295.13 °**
Minimum	**-295.15 °**
Range	**0.02**

Ocean Patriot moored at Pecten East-1. 20 kt winds, 3-4m swell.

Signature

G. Marshall

SURVEYOR / PARTY CHIEF

GYRO COMPASS CALIBRATION BY SUN AZIMUTH - CALCULATION SUMMARY

Fugro Job Number:	07066	**Vessel:**	Ocean Patriot
Job Description:	Rig Move from Longtom-4 to Bazzard-1	**Instrument:**	Wild T2
Client:	Australian Drilling Associates	**Serial No:**	252357
Surveyor:	A. Waugh	**Date:**	September 17, 2008
Gyro Compass (Serial No):	SG Brown Gyro 1	**Time Zone :**	10

Vessel Details

Enter correction from RO to vessel centreline — D: 0° M: 00 ' S: 00 "

Enter approximate WGS84 position of instrument :

	D	M	S
Latitude (ϕ)	-38 °	06 '	17 "
Longitude (λ)	148 °	20 '	04 "

Observations

Obs. No.	Date	UTC	Instrument Position		Calculated Sun Azimuth at UTC		Observed Direction to Sun				Calc'd Vessel Hdg	Obs'd Vessel Hdg	Sun Semi Diameter	(C-O) Degrees
			Latitude (ϕ) DMS	Longitude (λ) DMS	DMS	Dec. Deg	Deg	Min	Sec	Dec. Deg				
1	17-Sep-08	5:44:43	-038° 06' 17.00"	148° 20' 4.00"	294° 21' 2.48"	294.351 °	269°	34'	56	269.582	24.768 °	319.80 °	0.2657	-295.03 °
2	17-Sep-08	5:45:45	-038° 06' 17.00"	148° 20' 4.00"	294° 09' 9.83"	294.153 °	269°	23'	59	269.400	24.753 °	319.80 °	0.2657	-295.05 °
3	17-Sep-08	5:46:23	-038° 06' 17.00"	148° 20' 4.00"	294° 01' 54.14"	294.032 °	269°	16'	0	269.267	24.765 °	319.80 °	0.2657	-295.03 °
4	17-Sep-08	5:46:50	-038° 06' 17.00"	148° 20' 4.00"	293° 56' 45.08"	293.946 °	269°	10'	56	269.182	24.764 °	319.80 °	0.2657	-295.04 °
5	17-Sep-08	5:47:30	-038° 06' 17.00"	148° 20' 4.00"	293° 49' 7.98"	293.819 °	269°	03'	57	269.066	24.753 °	319.80 °	0.2657	-295.05 °
6	17-Sep-08	5:48:04	-038° 06' 17.00"	148° 20' 4.00"	293° 42' 40.16"	293.711 °	268°	57'	08	268.952	24.759 °	319.80 °	0.2657	-295.04 °
7	17-Sep-08	5:48:39	-038° 06' 17.00"	148° 20' 4.00"	293° 36' 1.62"	293.600 °	268°	50'	32	268.842	24.758 °	319.80 °	0.2657	-295.04 °
8	17-Sep-08	5:49:12	-038° 06' 17.00"	148° 20' 4.00"	293° 29' 46.48"	293.496 °	268°	44'	49	268.747	24.749 °	319.80 °	0.2657	-295.05 °
9	17-Sep-08	5:49:48	-038° 06' 17.00"	148° 20' 4.00"	293° 22' 57.94"	293.383 °	268°	37'	46	268.629	24.753 °	319.80 °	0.2657	-295.05 °
10	17-Sep-08	5:50:12	-038° 06' 17.00"	148° 20' 4.00"	293° 18' 25.97"	293.307 °	268°	32'	49	268.547	24.760 °	319.80 °	0.2657	-295.04 °
11	17-Sep-08	5:50:45	-038° 06' 17.00"	148° 20' 4.00"	293° 12' 12.54"	293.203 °	268°	25'	48	268.430	24.773 °	319.80 °	0.2657	-295.03 °
12	17-Sep-08	5:51:07	-038° 06' 17.00"	148° 20' 4.00"	293° 08' 3.92"	293.134 °	268°	22'	41	268.378	24.756 °	319.80 °	0.2657	-295.04 °
13	17-Sep-08	5:51:34	-038° 06' 17.00"	148° 20' 4.00"	293° 02' 59.17"	293.050 °	268°	17'	46	268.296	24.754 °	319.80 °	0.2657	-295.05 °
14	17-Sep-08	5:52:18	-038° 06' 17.00"	148° 20' 4.00"	292° 54' 43.38"	292.912 °	268°	09'	29	268.158	24.754 °	319.80 °	0.2657	-295.05 °
15	17-Sep-08	5:52:55	-038° 06' 17.00"	148° 20' 4.00"	292° 47' 47.27"	292.796 °	268°	02'	44	268.046	24.751 °	319.80 °	0.2657	-295.05 °
16	17-Sep-08	5:53:15	-038° 06' 17.00"	148° 20' 4.00"	292° 44' 2.66"	292.734 °	267°	58'	48	267.980	24.754 °	319.80 °	0.2657	-295.05 °
17	17-Sep-08	5:53:44	-038° 06' 17.00"	148° 20' 4.00"	292° 38' 37.36"	292.644 °	267°	52'	30	267.875	24.769 °	319.80 °	0.2657	-295.03 °
18	17-Sep-08	5:54:09	-038° 06' 17.00"	148° 20' 4.00"	292° 33' 57.29"	292.566 °	267°	47'	36	267.793	24.773 °	319.80 °	0.2657	-295.03 °
19	17-Sep-08	5:54:30	-038° 06' 17.00"	148° 20' 4.00"	292° 30' 2.29"	292.501 °	267°	43'	56	267.732	24.768 °	319.80 °	0.2657	-295.03 °
20	17-Sep-08	5:54:49	-038° 06' 17.00"	148° 20' 4.00"	292° 26' 29.87"	292.442 °	267°	40'	41	267.678	24.764 °	319.80 °	0.2657	-295.04 °

Mean	**-295.04 °**
Std. Deviation	**0.01**
Maximum	**-295.03 °**
Minimum	**-295.05 °**
Range	**0.02**

West Triton at Longtom-4. 10 kt winds, Fine and clear 1m swell.

Signature

G. Marshall

SURVEYOR / PARTY CHIEF

Pre Spud Report

Fugro Job Number	**07066 Pee Jay 1**
Job Name	**West Triton Rig Move**
Fugro Personnel	**G. Marshall - Surveyor in Charge**
	A. Waugh - Surveyor/Technician
Client Name	**ADA**
Client Representative	**R. Rossouw**
Sampling Started	**11 Nov 2008 8:28:40 PM UTC**
Sampling Ended	**11 Nov 2008 9:28:40 PM UTC**
Output File Name	**"316 21 28 40.pdf"**
Comment	**Pre Spud Fix**

West Triton At Pee Jay-1 - Final DGPS Position Fix Summary for DS

DS Offset From CRP

Starboard	0.000 m
Forward	0.000 m
Up	0.000 m

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9007"S
Longitude	146°21'35.4353"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445754.154 m
Northing	5516921.528 m
Final Rig Heading	136.28 °T (Convergence -0.42° Aust/NZ)
Gyro C-O	-295.14 °

DS Position is 4.73 m on a bearing of 52.52 °T (52.10 °G) FROM intended location

Intended Offset / Well Location

Geodetic Datum	**GDA94-ITRF2008.50**
Latitude	40°29'47.9940"S
Longitude	146°21'35.2760"E
Projection	**Universal Transverse Mercator Zone: 55**
Easting	445750.426 m
Northing	5516918.626 m

Team Leader / Surveyor: _____

Client Representative : _____

Starfix.Geo Report (v4.01.05)

COORDINATE SYSTEMS

Coordinate System	Coordinate System 1	Coordinate System 2
Datum	AGD84-ITRF2008.50	GDA94-ITRF2008.50
Spheroid	Australian National	GRS80
Semi-Major Axis	6378160.000 m	6378137.000 m
Inverse Flattening	298.2500000000	298.2572221010
Projection	Universal Transverse Mercator	Universal Transverse Mercator
Grid		
Latitude Of Origin	0° 00' 00.00000" N	0° 00' 00.00000" N
Longitude Of Origin	147° 00' 00.00000" E	147° 00' 00.00000" E
False Easting	500000.000 m	500000.000 m
False Northing	10000000.000 m	10000000.000 m
Central Scale Factor	0.9996000000	0.9996000000
Projection Units	metres	metres
Conversion to metres	1.0000000000	1.0000000000
Convergence Convention	Australia/New Zealand	Australia/New Zealand
Geoid Model		

TRANSFORMATION FROM SYSTEM 1 TO SYSTEM 2

7 PARAMETER (COORDINATE FRAME ROTATION)

System 1 to System 2	WGS84 To System 1 AGD84-ITRF2008.50	WGS84 To System 2 GDA94-ITRF2008.50
dX -117.7630 m	117.7804 m	0.0174 m
dY -51.5101 m	51.4617 m	-0.0484 m
dZ 139.0610 m	-139.1645 m	-0.1035 m
rX -0.292000"	0.309554"	0.017554"
rY -0.443000"	0.458065"	0.015065"
rZ -0.277000"	0.295157"	0.018157"
dS -0.191000 ppm	0.194362 ppm	0.003362 ppm

TRANSFORMATION CALCULATIONS

Point Name	Transformation	Transformation
Latitude	38° 25' 02.36960"	38° 24' 56.82130"
Longitude	148° 03' 48.03150"	148° 03' 52.66763"
Spheroidal Height	0.000 m	-7.954 m
Geoid-Spheroid Sep	0.000 m	0.000 m
X	-4246387.994 m	-4246516.966 m
Y	2646914.694 m	2646862.556 m
Z	-3941856.690 m	-3941704.009 m
Easting	592828.621 m	592942.686 m
Northing	5747330.193 m	5747514.697 m
Local Height	0.000 m	-7.954 m
Point Scale Factor	0.9997061190	0.9997063808
Convergence	0° 39' 38.85004" (ANZ)	0° 39' 41.65070" (ANZ)

FUGRO-BTW SEIS Setup for Project 07066 Rig Move to PEEJAY-1 Location for ADA Ltd

Datum 1:	Datum:	GDA94-ITRF2008.50
	Spheroid:	GRS80
	SemiMajor Axis:	6378137.000
	1/Flattening:	298.2572221010
	Eccentricity^2:	0.006694380022901
	Projection:	Universal Transverse Mercator
	Grid Name:	MGA
	Lat. Origin:	0°00'00.0000"N
	Lon. Origin:	147°00'00.0000"E
	False East:	500000.000m
	False North:	10000000.000m
	Scale Factor:	0.9996
	Convergence:	Australia/New Zealand
Datum 2:	Datum:	WGS84
	Spheroid:	WGS84
	SemiMajor Axis:	6378137.000
	1/Flattening:	298.2572235630
	Eccentricity^2:	0.006694379990141

Datum2 1:Parameters: From WGS84 to GDA94-ITRF2008.50

DX:	0.0174m	RX:	0.0176"
DY:	-0.0484m	RY:	0.0151"
DZ:	-0.1035m	RZ:	0.0182"
D Scale:	0.0034ppm	Rot Convention:	+RZ=-RLongitude

Sundry :	Vertical Datum:	PeeJay-1
	Ell. Sep:	-1.077m
	Distances:	Spheroidal
	Bearings:	True
	Units:	metres
	Conversion:	1.0000000000

Nav. 1:	System:	Port OCSAT.GGA (In Use)
	Type:	Lat - Long
	Priority:	1
	Time-out:	5.0s
	Offset Name:	Port_OCSAT
	X Offset:	-13.70m
	Y Offset:	94.88m
	Ant. Height:	16.89m

Nav. 2:	System:	Stbd APSAT.GGA
	Type:	Lat - Long
	Priority:	2
	Time-out:	5.0s
	Offset Name:	Stbd_APSAT
	X Offset:	13.62m
	Y Offset :	94.89m
	Ant. Height :	17.04m

Dead Reckoning: No Timeout: 30.0s

Heading 1 : System: SGBROWN No2.HDT (In Use)
Priority: 1
Time-out: 3.0s
Offset Name: CRP
X Offset: 0.00m
Y Offset: 0.00m
Z Offset: 0.00m
Correction: -295.14 Degrees

Heading 2 : System: SGBROWN No1.HDT
Priority: 2
Time-out: 3.0s
Offset Name: CRP
X Offset: 0.00m
Y Offset: 0.00m
Z Offset: 0.00m
Correction: -295.14 Degrees

Offsets: Name	X	Y	Z
Centre Transom	0.00	4.48	0.00
APSAT (OLD)	-19.44	62.58	16.50
OCSAT (OLD)	-12.35	69.45	16.78
Port_TP	-5.86	79.76	0.00
Centre_TP	-1.10	79.76	0.00
Stbd_TP	5.80	79.76	0.00
DS	0.00	0.00	0.00
Port_Aft_TP	-32.38	4.48	0.00
Stbt_Aft_TP	32.28	4.48	0.00
Port_OCSAT	-13.70	94.88	16.89
Stbd_APSAT	13.62	94.89	17.04
RT	0.00	0.00	14.27

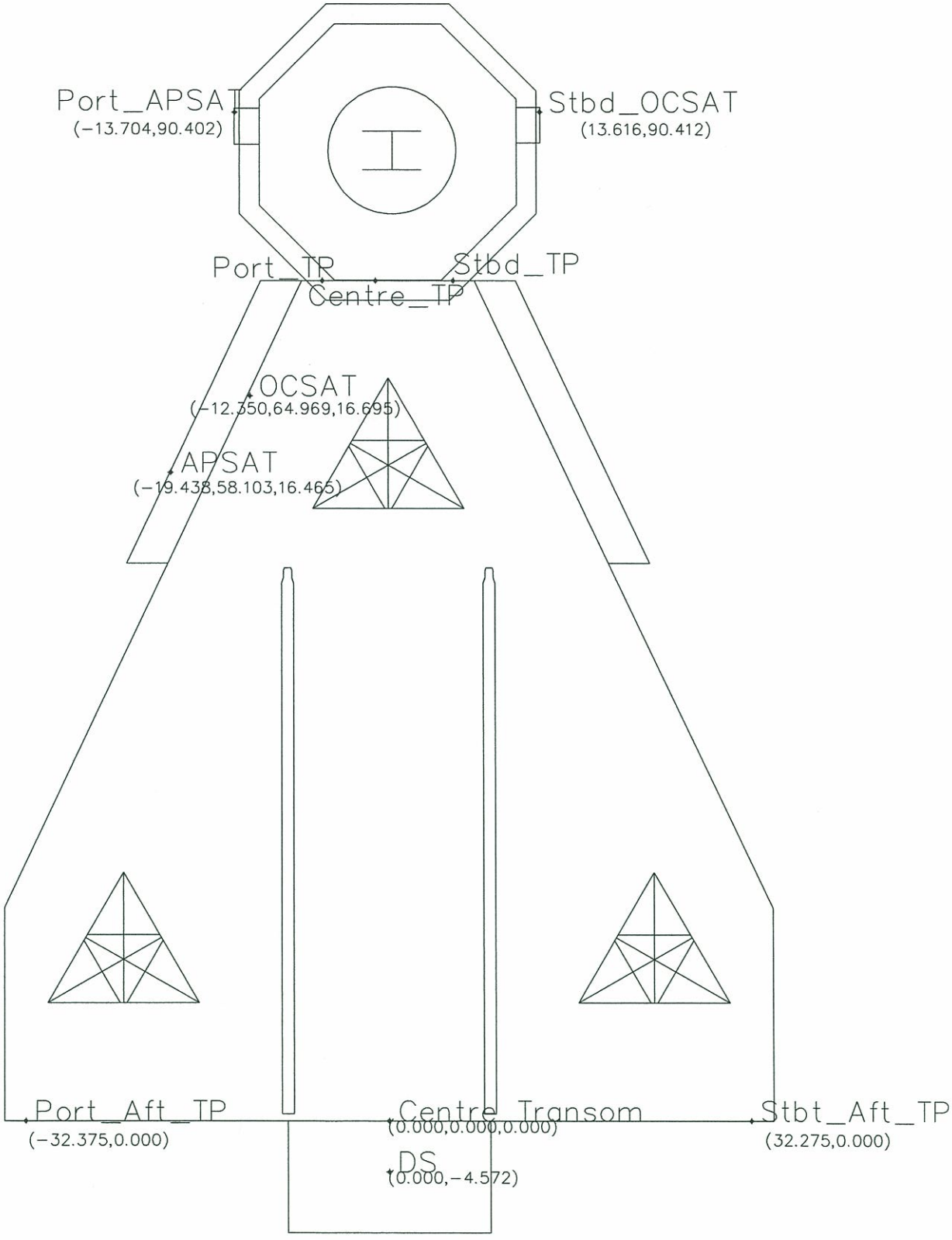
Fairlead:Name	X	Y	Z
Port_Aft	-34.28	18.90	0.00
Stbd_Aft	34.28	18.92	0.00
Stbd_Fwd	10.69	73.46	0.00
Port_Fwd	-10.65	73.55	0.00

Signature: _____
Surveyor in Charge

Signature: _____
Client Representative

APPENDIX D
Vessel Offset Diagram

WEST TRITON


Port_APSAT
(-13.704,90.402)
Stbd_OCSAT
(13.616,90.412)
Port_TP
Stbd_TP
Centre_TP
OCSAT
(-12.350,64.969,16.695)
APSAT
(-19.438,58.103,16.465)
Port_Aft_TP
(-32.375,0.000)
Centre_Transom
(0.000,0.000,0.000)
Stbt_Aft_TP
(32.275,0.000)
DS
(0.000,-4.572)

APPENDIX E
Client Supplied Data

Appendix 4

Directional Drilling MWD and LWD End of Well Report

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Drilling & Measurements

PeeJay-1

End of Well Report

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BEACH PETROLEUM

Contents

1. General Information
2. Definitive Survey
3. Drilling & MWD/LWD Run Summary
4. Equipment Run Reports
5. Service Quality Issues

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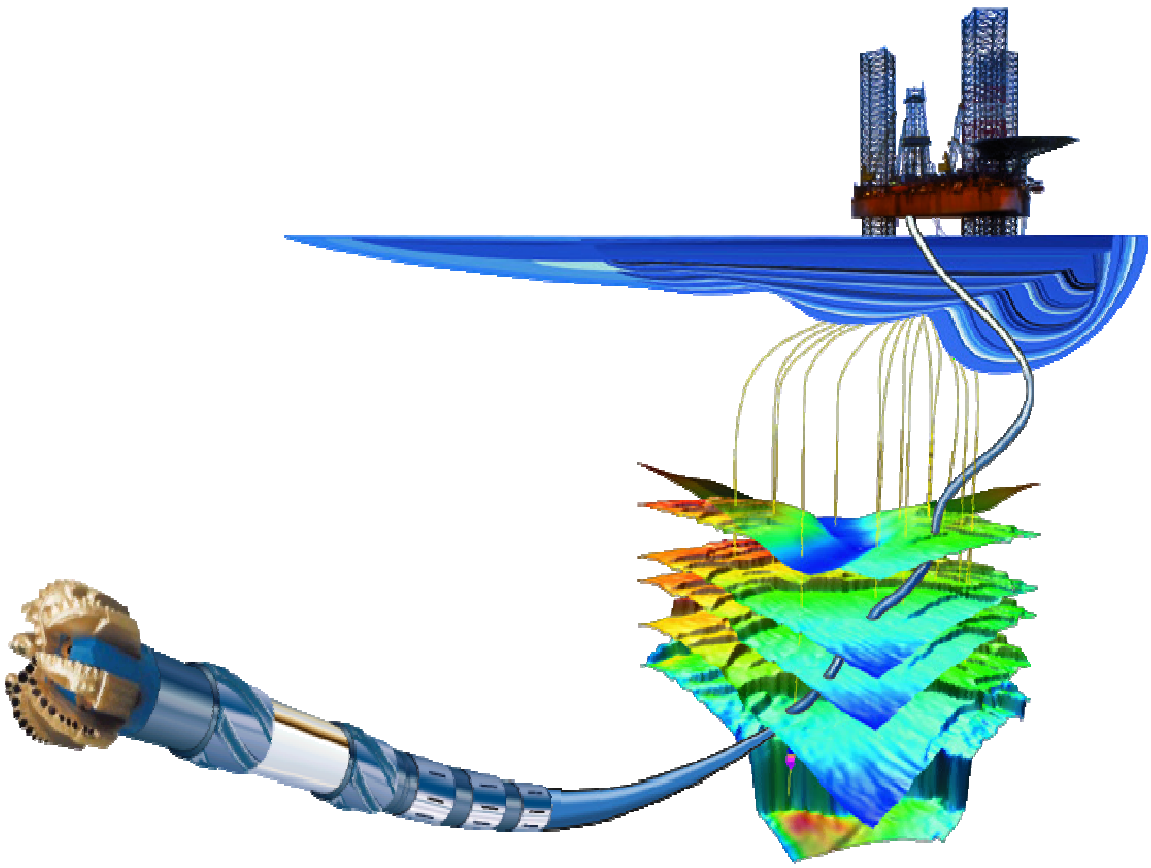
BEACH PETROLEUM

1. General Information



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BEACH PETROLEUM

General Information

Well Name:	PeeJay-1	
Rig:	West Triton	
Field:	Wildcat	
Location:	Bass Strait	
Country:	Australia	
Cell Members:	Marganda Sihite	MWD/LWD Engineer
	Dallas Perkins	MWD/LWD Engineer
	Wissam Chehabi	MWD/LWD Engineer
Town Contacts:	David Rapp	Operations Manager
	Michael McDermott	Field Services Manager
	Femi Daramola	Service Quality Coach
Company Representatives:	R. Rossouw	Senior Drilling Supervisor
	Peter Dane	Drilling Supervisor

Schlumberger

BEACH PETROLEUM

Geomagnetic and Survey Reference Criteria

PeeJay-1

Geomagnetic Data

Magnetic Model:	BGGM version 2008
Magnetic Date:	21 November 2008
Magnetic Field Strength:	1223.97 HCNT
Magnetic Declination:	13.22 °
Magnetic Dip:	-70.86 °

Survey Reference Criteria

Reference G:	1000.23 mGal
Reference H:	1223.97 HCNT
Reference Dip:	-70.86 °
G value Tolerance:	(+/-) 2.50 mGal
H value Tolerance:	(+/-) 6.00 HCNT
Dip Tolerance:	(+/-) 0.45 °

Survey Corrections Applied

Reference North:	True North
Magnetic Declination:	13.22 °
Grid Convergence:	0.42 °
Total Azimuth Correction:	12.80 °
Vertical Section Azimuth:	0.00 °

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BEACH PETROLEUM

Survey Reference Location

PeeJay-1 Surface Coordinates:

Latitude:	40° 29′ 47.908″ South
Longitude:	146° 21′ 35.458″ East
Northing:	5,516,921.312 meters
Easting:	445,754.686 meters
Vertical Datum:	Mean Sea Level (MSL)
Rotary Table Elevation:	34.543 m above (MSL)

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BEACH PETROLEUM

Health, Safety and Environment

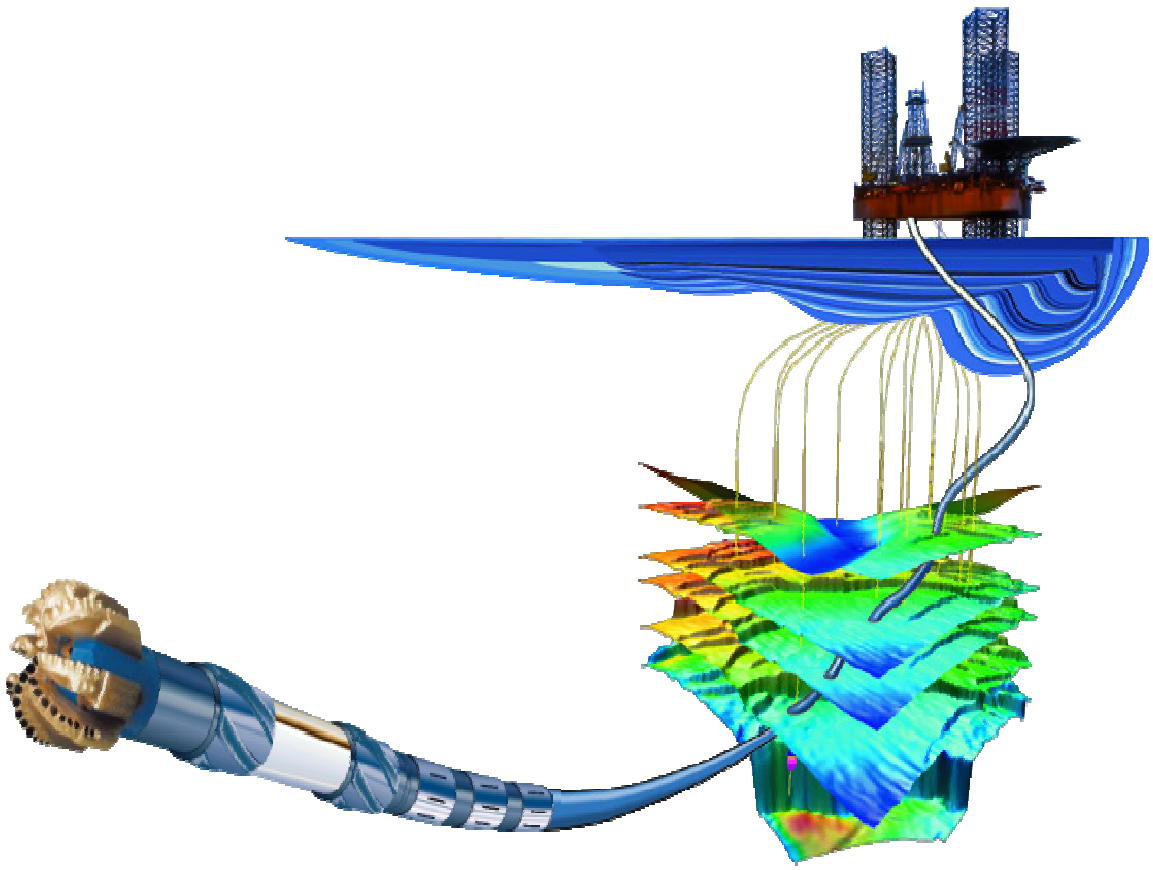
Schlumberger Drilling and Measurements personnel actively participated in the Seadrill STOP safety initiative, and attended pre-tour and weekly safety meetings.

Schlumberger Drilling and Measurements personnel were not involved in any safety incidents while on board the West Triton.

Schlumberger

BEACH PETROLEUM

2. Definitive Survey



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PeeJay-1 Final Geodetic Survey

Report Date:	December 2, 2008	Survey / DLS Computation Method:	Minimum Curvature / Lubinski
Client:	Beach Petroleum	Vertical Section Azimuth:	0.000°
Field:	Wildcat	Vertical Section Origin:	N 0.000 m, E 0.000 m
Structure / Slot:	PeeJay / 1	TVD Reference Datum:	RKB
Well:	PeeJay-1	TVD Reference Elevation:	34.2 m relative to MSL
Borehole:	PeeJay-1	Sea Bed / Ground Level Elevation:	-78.000 m relative to MSL
UWI/API#:		Magnetic Declination:	13.175°
Survey Name / Date:	PeeJay-1 Final / November 19, 2008	Total Field Strength:	61172.383 nT
Tort / AHD / DDI / ERD ratio:	9.665° / 18.74 m / 2.774 / 0.009	Magnetic Dip:	-70.867°
Grid Coordinate System:	GDA94/MGA94 Zone 55	Declination Date:	November 19, 2008
Location Lat/Long:	S 40 29 47.908, E 146 21 35.458	Magnetic Declination Model:	BGGM 2007
Location Grid N/E Y/X:	N 5516921.312 m, E 445754.686 m	North Reference:	Grid North
Grid Convergence Angle:	+0.41572614°	Total Corr Mag North -> Grid North:	+12.759°
Grid Scale Factor:	0.99963622	Local Coordinates Referenced To:	Well Head

Comments	Measured Depth (m)	Inclination (deg)	Azimuth (deg)	TVD (m)	Vertical Section (m)	NS (m)	EW (m)	DLS (deg/30 m)	Northing (m)	Easting (m)	Latitude	Longitude
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	46 21 35.458
See Floor	112.16	0.00	0.00	112.16	0.00	0.00	0.00	0.00	5516921.31	445754.69	S 40 29 47.908	46 21 35.458
	264.95	1.45	150.86	264.93	-1.69	-1.69	0.94	0.28	5516919.62	445755.63	S 40 29 47.963	46 21 35.497
	294.47	1.15	140.54	294.45	-2.24	-2.24	1.31	0.39	5516919.07	445756.00	S 40 29 47.981	46 21 35.513
	323.97	1.06	150.84	323.94	-2.71	-2.71	1.63	0.22	5516918.60	445756.32	S 40 29 47.996	46 21 35.526
	413.38	0.46	197.79	413.34	-3.77	-3.77	1.93	0.27	5516917.54	445756.61	S 40 29 48.031	46 21 35.538
	502.18	0.23	197.76	502.14	-4.28	-4.28	1.76	0.08	5516917.03	445756.45	S 40 29 48.047	46 21 35.531
	591.80	0.37	226.93	591.76	-4.65	-4.65	1.50	0.07	5516916.66	445756.18	S 40 29 48.059	46 21 35.520
	679.52	0.12	321.43	679.48	-4.77	-4.77	1.23	0.14	5516916.54	445755.92	S 40 29 48.063	46 21 35.509
	768.28	0.20	271.31	768.24	-4.70	-4.70	1.02	0.05	5516916.62	445755.71	S 40 29 48.060	46 21 35.500
	803.99	0.21	236.85	803.95	-4.73	-4.73	0.90	0.10	5516916.58	445755.59	S 40 29 48.061	46 21 35.495
	842.85	0.43	127.38	842.81	-4.86	-4.86	0.96	0.42	5516916.45	445755.64	S 40 29 48.066	46 21 35.497
	930.97	0.44	102.94	930.93	-5.14	-5.14	1.55	0.06	5516916.18	445756.24	S 40 29 48.075	46 21 35.522
	1019.59	0.43	112.01	1019.54	-5.34	-5.34	2.19	0.02	5516915.98	445756.88	S 40 29 48.081	46 21 35.549
	1048.56	0.33	126.08	1048.51	-5.43	-5.43	2.36	0.14	5516915.89	445757.04	S 40 29 48.084	46 21 35.556
	1108.49	0.33	130.22	1108.44	-5.64	-5.64	2.63	0.01	5516915.67	445757.32	S 40 29 48.091	46 21 35.568
	1167.38	0.22	121.98	1167.33	-5.81	-5.81	2.86	0.06	5516915.50	445757.54	S 40 29 48.097	46 21 35.577
	1285.81	0.69	61.10	1285.76	-5.59	-5.59	3.67	0.16	5516915.73	445758.36	S 40 29 48.090	46 21 35.612
	1345.01	0.68	106.82	1344.95	-5.51	-5.51	4.32	0.27	5516915.80	445759.01	S 40 29 48.088	46 21 35.640
	1374.54	0.67	110.27	1374.48	-5.62	-5.62	4.65	0.04	5516915.69	445759.34	S 40 29 48.091	46 21 35.654
	1433.56	0.69	132.78	1433.50	-5.99	-5.99	5.24	0.14	5516915.33	445759.92	S 40 29 48.103	46 21 35.678
	1492.77	0.32	332.96	1492.71	-6.08	-6.08	5.42	0.50	5516915.23	445760.11	S 40 29 48.106	46 21 35.686
	1552.04	0.36	351.94	1551.98	-5.75	-5.75	5.32	0.06	5516915.57	445760.00	S 40 29 48.096	46 21 35.682
	1640.51	0.45	30.51	1640.44	-5.17	-5.17	5.46	0.10	5516916.14	445760.14	S 40 29 48.077	46 21 35.688
	1729.59	0.54	20.07	1729.52	-4.48	-4.48	5.78	0.04	5516916.83	445760.46	S 40 29 48.054	46 21 35.702
	1788.72	0.68	29.31	1788.65	-3.91	-3.91	6.05	0.09	5516917.40	445760.73	S 40 29 48.036	46 21 35.713
	1818.45	0.58	32.16	1818.38	-3.63	-3.63	6.21	0.11	5516917.68	445760.90	S 40 29 48.027	46 21 35.721
	1906.90	0.62	29.47	1906.82	-2.83	-2.83	6.69	0.02	5516918.48	445761.37	S 40 29 48.001	46 21 35.741
	1995.04	0.79	12.68	1994.95	-1.83	-1.83	7.06	0.09	5516919.49	445761.74	S 40 29 47.969	46 21 35.757
	2084.02	0.82	7.44	2083.92	-0.60	-0.60	7.27	0.03	5516920.72	445761.96	S 40 29 47.929	46 21 35.766
	2142.80	1.09	57.68	2142.70	0.12	0.12	7.80	0.43	5516921.43	445762.48	S 40 29 47.906	46 21 35.789
	2172.21	0.98	61.66	2172.10	0.39	0.39	8.26	0.13	5516921.70	445762.94	S 40 29 47.897	46 21 35.809
Projected to TD	2183.00	0.98	61.66	2182.89	0.48	0.48	8.42	0.00	5516921.79	445763.10	S 40 29 47.894	46 21 35.816

Survey Type: Definitive Survey

Survey Error Model: **SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma**

Surveying Prog:

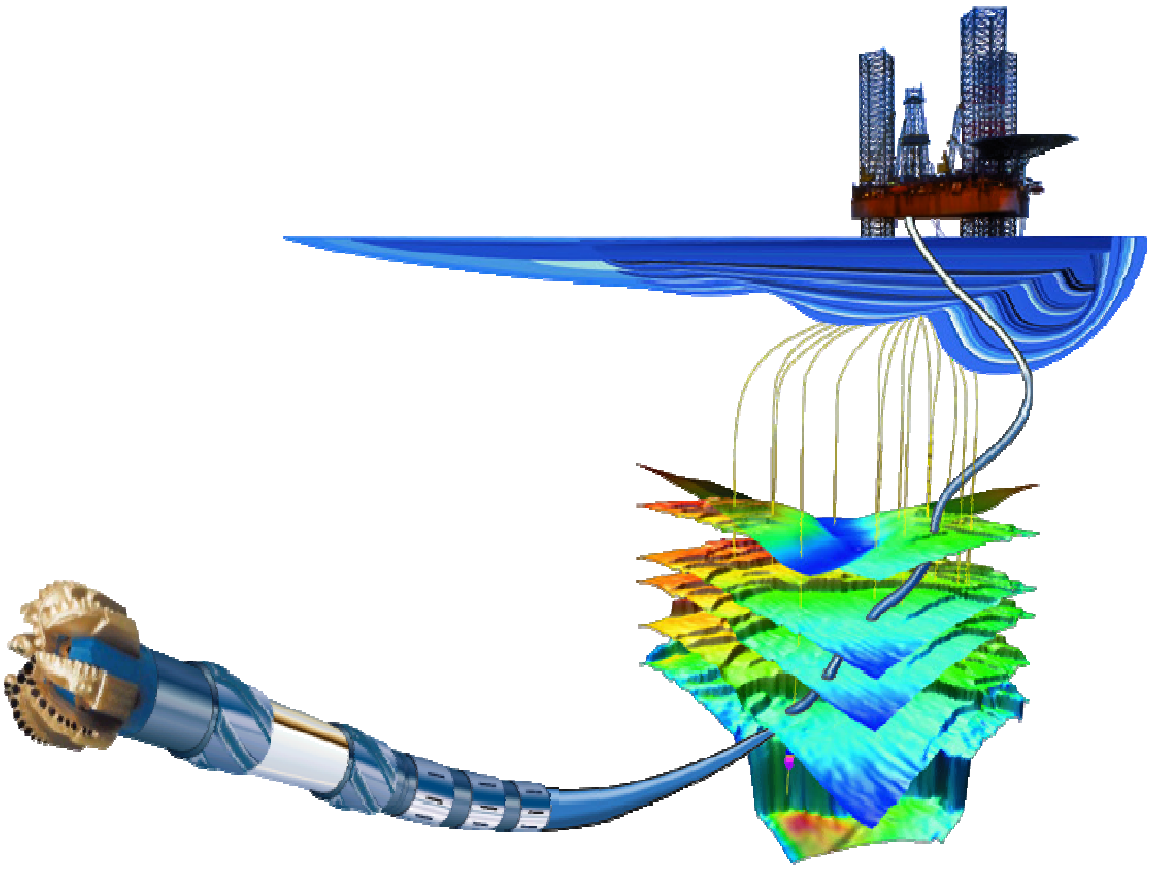
MD From (m)	MD To (m)	EOU Freq	Survey Tool Type	Borehole -> Survey
0.00	112.16	Act-Stns	SLB_MWD-STD-Depth Only	PeeJay-1 -> PeeJay-1 Final
112.16	2183.00	Act-Stns	SLB_MWD-STD	PeeJay-1 -> PeeJay-1 Final

**Italicized stations are NOT used in position calculations.*

Schlumberger

BEACH PETROLEUM

3. Drilling & MWD/LWD Run Summary



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BEACH PETROLEUM

End of Well Drilling Summary

15th November 2008 to 28th November 2008

PeeJay-1 Objectives:

PeeJay-1 will be drilled by the jack-up mobile offshore drilling unit (MODU) West Triton, which is operated by Seadrill Limited.

PeeJay-1 is a vertical exploration well with the objective of intersecting and exploring the Upper Eastern View group formations with sandstones, interbedded sandstones, shale and minor coal; and Middle Eastern View Group Formation which are made up of interbedded sandstone, claystone and siltstone with increasing coals. The primary and secondary targets tops are expected at 1366m BRT and 1764m BRT.

BHA # 2: Rotary Assembly
406.4mm – 16'' Hole Section (218m MD – 810m MD)

The following Rotary Assembly was made up and run in:-

16 " Hughes Milled Tooth Rock Bit
Bit Sub
9" Telescope* MWD
9" sonicVISION* LWD
15 ⅞" Stabiliser
9" DC
15 ⅞" Stabiliser
9" DC
Crossover
8" DC
8" Jars
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 1 – 1 – NO – A – E – I – NO – TD

MWD/LWD Summary

TeleScope was programmed with 12Hz/3bps telemetry configuration to provide RT GR, D&I; while the SonicVISION RT Delta-T compression were transmitted uphole as well as recorded in Memory mode. There was no Shallow Hole Test of the BHA performed before RIH. The BHA tagged cement at 210m from where drilling commenced ahead to 810m BRT section TD as per program. D&I Survey of the borehole was taken every 3 stands.

The sonicVISION configuration was donwlinked and changed to 1sec configuration before trip-out started. The BHA was POOH, Laid out and tools dumped successfully and data processed as required.

* Mark of Schlumberger

BHA # 3: Rotary Assembly
311.15mm – 12¼" Hole Section (810m MD – 1454m MD)

The following Rotary Assembly was made up and run in: -

12¼" Reed Hycalog PDC Bit
Bit Sub
8¼" arcVISION* LWD
8¼" TeleScope* MWD
8¼" sonicVISION* LWD
8¼" sadnVISION* LWD
4 x 8" DC
8" Jar
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 8 – 8 – RO – A – X – 2 – NR – PR

MWD/LWD Summary

Real-time telemetry configuration for this BHA consisting of D&M TeleScope*, sadnVISION*, sonicVISION* and arcVISION* was 12Hz/6pbs to evaluate formation in real-time in line with the run objective of finding the zones of interest at 1300m MDrt and 1600m MDrt. There were initial difficulties with radioactive source loading in the sadnVISION* tool which was changed out and problem was resolved. The assembly was run in hole to tools was run in hole to top cement at 774m MDrt. The cement was drilled out to shoe, through rat hole and then new formation at 810m MDrt.

There were high shocks and vibrations situation during the run; arcVISION8 tool experienced 7-8 hours of shock level 3. Mitigation steps were taken to minimize the severity by fine tuning the ROP and WOB. The shock persisted on the regardless the parameter variation.

At 1454m MD, a decision was made to POOH for a bit change due to low penetration rates. On surface some damage were observed on the threads of the connection between the sadnVISION and sonicVISION. Data were retrieved from the tools and field print log data were processed and delivered onsite.

* Mark of Schlumberger

BHA # 4: Rotary Assembly
311.15mm – 12¼" Hole Section (1454m MD – 2183m MD)

The following Rotary Assembly was made up and run in: -

12¼" Hughes Christianson Milltooth Bit
Bit Sub
8¼" GeoVISION* LWD
8¼" TeleScope* MWD
8¼" sonicVISION* LWD
8¼" sadnVISION* LWD
4 x 8" DC
8" Jar
8" DC
Crossover
15 x 5" HWDP
5" DP to surface

Bit Grading: 4 – 6 – BT – A – E – I – CT – TD

MWD/LWD Summary

Due to the trip in the previous run the objective of this run was to intersect the secondary target at 1600m MDrt with the Rotary bottom hole assembly consisting of Schlumberger D&M PowerPulse*, geoVISION*, sadnVISION* and sonicVISION* tools. The assembly was RIH to bottom and drilled ahead to section TD at 2183m MDrt. In this run; the sadnVISION8 was run in recorded mode only due to a broken sub issues.

On Surface, damages were found on the sadnVISION stabilizers and on the sonicVISION transmitters. Notwithstanding, data were dumped from the tools successfully and processed. However, the button resistivties of the geoVISION tool failed and the curves/data were not presented.

* Mark of Schlumberger

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MWD/LWD Run Summary

Run	Hole Size (in)	MWD/LWD Services	Start Depth (m)	Stop Depth (m)	Distance (m)	Start Date	Stop Date
1	26″	None	112.0	218.0	106	15-Nov-08	16-Nov-08
2	16″	sonicVISION*	218.0	810.0	592.0	18-Nov-08	19-Nov-08
3	12¼″	VISION* Service - sonicVISION	810.0	1454.0	486.0	21-Nov-08	23-Nov-08
4	12¼″	GeoVISION* Service - sonicVISION	1454.0	2183.0	730.0	24-Nov-08	28-Nov-08

Run	Hours BRT	Drilling Hours	Circulating Hours	Max Temp (°C)	Trip for MWD	Failure type
2	32.72	22.00	21.25	18.00	No	n/a
3	51.50	15.50	27.70	40.00	No	AND 8 Source loading Failure
4	96.07	77.50	85.40	77.00	No	GVR Shallow and Deep button resistivity failure

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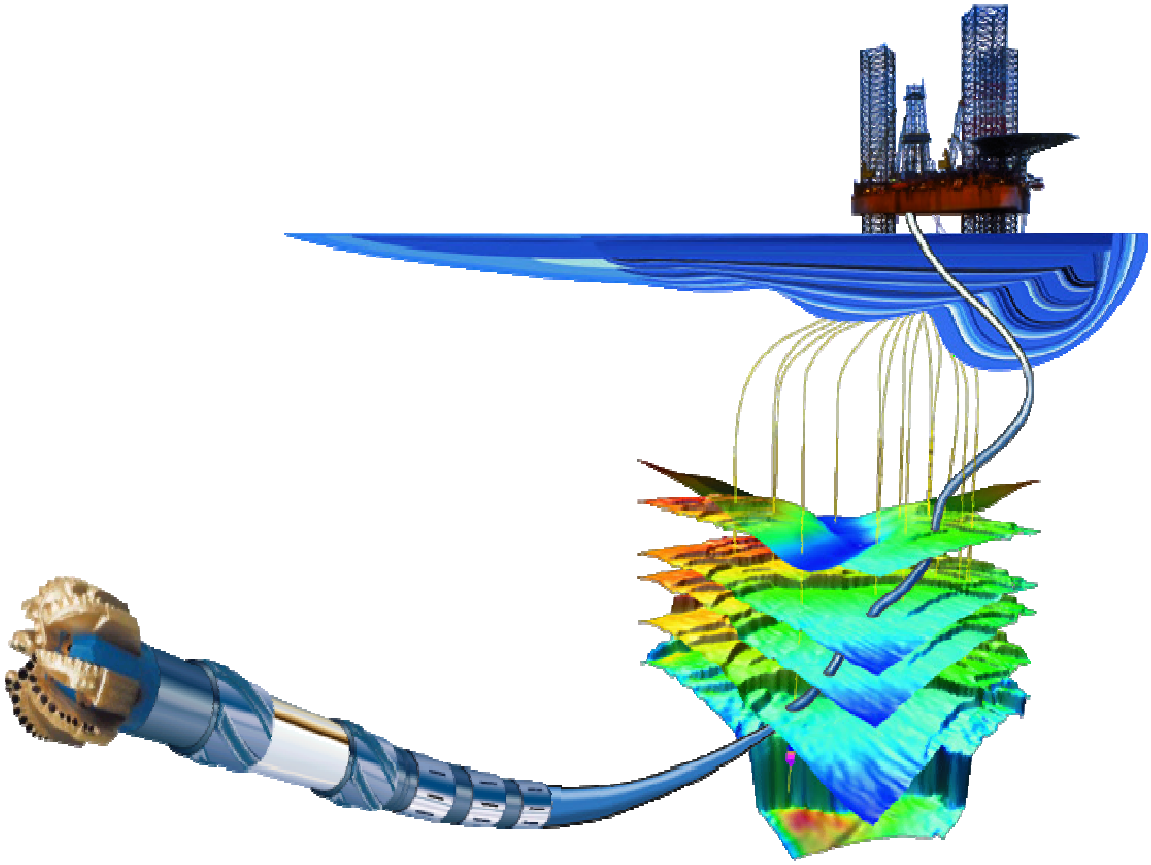
4. Equipment Run Reports



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Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Run Information

	Date In		Date Out
	18-Nov-2008 9:10AM		19-Nov-2008 5:53PM
Depth (MD):	184.0 m	to	810.0 m
Depth (TVD):	184.0 m	to	810.0 m
Inclination:	0.00 deg	to	0.21 deg
Azimuth:	0.00 deg	to	236.85 deg

Drilling Distance:	610.00 m	Drilling Hours:	22.00 hrs
Rotary Drilling Distance:	610.00 m	Rotary Drilling Hrs:	9.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	810.00 m	Reaming Hours:	3.50 hrs
		Hrs Below Rotary:	32.72 hrs
		Total Pumping Hrs:	21.25 hrs

Hole Size:	16.00 in	Min DLS:	0.10 deg/30 m
Last Casing Size:	30.000 in	Max DLS:	0.28 deg/30 m
Last Casing Depth:	184.0 m (MD)	Max DLS Depth:	413.4 m
Tool Face Arc:	.0 cm	Surface Screen:	No
Total Face Angle:	0.00 deg	DFS Used:	No

North Ref Used:	Grid North	Inline Filter:	No
Magnetic Dec:	13.220 deg		
Grid Correction:	0.420 deg		
Total Correction:	12.800 deg		
Est. Mag. Int:	0.00 deg		

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The run objectives for drilling 16in hole section are the following:
1. Drill 16" hole section by using Anadrill 9 inch tool and mill tooth bit until section TD ~890 mMD in single run.
2. To get the formation evluation by using MWD/LWD tool (GR and Sonic).

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite
Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	Stage Length:	m
Motor Type:		Bearing Play In:	in	Rubber:	
Motor Size:		Bearing Play Out:	in	Sleeve Position:	
Serial No.:		Bent Sub Angle:	deg	Sleeve Size:	in
Lobe Config:		Bent HSG Angle:	deg	Bearing Type:	

RSS Information

RSS Manufacturer:		Min Pulse Width:	
RSS Type:		Max Pulse Width:	
RSS SN:		Conn Phase Angle:	deg
RSS Size:		Rise Time Const:	
Pulse Ht Threshold:		Fall Time Const:	
		Digit Time:	

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	deg	Bit Rate:	3 bps	Slimpulse Pulser Config:	
Mod Gap:	0.12000 in	Turbine Config:	galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Schlumberger

Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Drilling Parameters

	Min	Max	Avg
BH Temperature:	18.00 degC	18.00 degC	18.00 degC
Surface RPM:	150.00 rpm	150.00 rpm	150.00 rpm
ROP:	23.29 m/hr	32.00 m/hr	27.73 m/hr
Surface Torque:			
Flow Rate:	1,200.00 galUS/min	1,200.00 galUS/min	1,200.00 galUS/min
WOB Sliding:			

Average Pump Pressure: psi

Turbine RPM @ Min Flow Rate: 4,101 rpm Min Flow Rate: 1,200.00galUS/min
Turbine RPM @ Max Flow Rate: 4,101 rpm Max Flow Rate: 1,200.00galUS/min

Total DH Shocks (k): 0 k
Max Shock Level: 0
Max Shock Duration: 0 sec
Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

H2S In Well: No

SPP Off Bottom: psi
SPP On Bottom: 2,013.00 psi

Mud Information

Mud Type: Sea Water
Mud Company: Baroid
Mud Brand:
Funnel Viscosity: 498.00 s/qt
Plastic Viscosity: 18.00 cp
Yield Point: 83.00 lbm/100ft2
Mud Resistivity: ohm-m

Mud Clean: No
LCM Type:
LCM Size:
LCM Concentration: lbs/bbl
Weighting Material:
Mud Weight: 8.80 lbm/galUS

pH: 9.50
Chlorides: ppm
Sand Content: %
Solids: %
Percent Oil: %

IADC Bit Grading

Manufacturer: Hughes Christianson
Model: GX-C1V
Type: Milltooth

Total Revs:
Stick/Slip:
Reason Pulled: Total Depth/Casing Depth

IADC Code: 115
Jets (/ 32 in): 3X20
Bit TFA: 0.92 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours: 19.25 hrs
Jamming: No 0.00 hrs
Surface Vibration: No
Trans Fail: No

Downhole Noise: Yes
Surface System Failure: No
Surface Noise: No
H2S in Well: No

Run Failed: No
D&M Trip: No
Low Oil Flag: No 0.00 hrs
Filter Screen/Plug Shear: No

Client Inconvenience: **No** Lost Time: hrs

Reason for POOH: Total Depth/Casing Depth

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

The TeleScope was programmed to 12Hz/3bps through LTB. SonicVISION was programmed with configuration the same with Stuart job and change the min-slowness and max-slowness is 80 - 160 US/F.

The BHA was successfully made and did not do the SHT. Tag the cement at 210 m and start pumping. All the tools working properly. Drill to TD 810 m. DL to Sonic to 1 sec record rate at TD.

POOH and break out the BHA. To break the sonic from the stabilizer, used the iron roughneck because could not break the sub with the rig tong.

Break out the BHA, dump the tool and processed the data and upload to interACT for further processing.

If not, why?:

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco; Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run Number:	1				

During the run, there is no significant shocks that happen to the tool.

Schlumberger

Equipment Run Summary Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Equipment on the Run

Equipment	Pump Hours Start	Pump Hours Cumulative	Software Version	Tool Size
MDC-HC-W484	0.00 hrs	21.25 hrs	v6.6b04	9.00 in
SD9C-AA-42793	0.00 hrs	21.25 hrs	9.2C02	9.00 in

Services on the Run

Equipment	Service	Tool Name	Real Time Hours	Real Time Failed	Real Time Depth	Recorded Mode Hours	Recorded Mode Failed	Recorded Mode Depth	CAF
MWD	Gamma Ray	TeleScope	21.25 hrs		610.0 m	32.72 hrs		610.0 m	
MWD	Cont D&I	TeleScope	21.25 hrs		610.0 m	hrs			
MWD	D&I	TeleScope	21.25 hrs		610.0 m	32.72 hrs		610.0 m	
LWD	Shear DT	SonicVision	hrs			32.72 hrs		610.0 m	
LWD	Compressional DT	SonicVision	21.25 hrs		610.0 m	32.72 hrs		610.0 m	

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BHA Repo

20-Nov-2
9:0

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Le
1	BIT	Hughes Christianson	Milltooth	6065566	0.41 m	16.00	3.75						7 5/8"	API REG PIN	0.41
2	BIT SUB			7207	1.23 m	9.50	3.00				7 5/8"	API REG BOX	7 5/8"	API REG BOX	1.64
3	MWD	D&M	TeleScope	W484	8.45 m	9.13	3.50				7 5/8"	API REG PIN	7 5/8"	H90 BOX	10.09
4	LWD	D&M	SonicVISION	42793	7.69 m	9.25	4.00				7 5/8"	H90 PIN	7 5/8"	API REG BOX	17.78
5	STABILIZER			700736	1.71 m	9.50	3.25			15.88	7 5/8"	API REG PIN	7 5/8"	API REG BOX	19.49
6	DRILL COLLAR			it9	9.41 m	9.50	3.00				7 5/8"	API REG PIN	7 5/8"	API REG BOX	28.90
7	STABILIZER			221023	2.26 m	9.50	3.25			15.88	7 5/8"	API REG PIN	7 5/8"	API REG BOX	31.16
8	DRILL COLLAR			it9	9.40 m	9.50	3.00				7 5/8"	API REG PIN	7 5/8"	API REG BOX	40.56
9	CROSSOVER			7125	1.22 m	9.50	3.00				7 5/8"	API REG PIN	6 5/8"	API REG BOX	41.78
10	DRILL COLLAR			0	66.10 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	107.88
11	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	117.56
12	DRILL COLLAR			0	9.41 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	126.97
13	CROSSOVER			7132	0.93 m	8.25	2.81				6 5/8"	API REG PIN	5 1/2"		127.90
14	HWDP			0	56.21 m	5.50	3.25				5 1/2"		5 1/2"		184.11

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:

Wt Below Jars:
Wt Above Jars:
Total Air Wt:

Stab Description	Mid Pt to Bit	Blade Type	Blade Len	Blade Width	Gauge Len	Gauge In	Gauge Out

Bit to Read Out Port		
MWD-TeleScope	3.40	m
LWD-SonicVISION	14.20	m

Bit to Measurement Port	
TeleScope-Gamma Ray	5.05
TeleScope-D&I	5.70
SonicVISION-Shear DT	14.61
SonicVISION-Compressional	14.61

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Daily Drilling Activity Report

20-Nov-2008
9:01AM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco; Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	1				

From	To	Elapsed	Depth in m From	Depth in m To	IADC Activity	Description
18-Nov-2008						
00:00	00:30	0.50	0.0	0.0	Test BOP	Test Joint in BOP
00:30	05:30	5.00	0.0	0.0	PU / LD BHA / Tripping	Pick up 20 stands of Drill Pipe
05:30	06:00	0.50	0.0	0.0	Rig up / Rig down	Rig Down Elevators
06:00	07:30	1.50	0.0	0.0	PU / LD BHA / Tripping	LD 30" BHA
07:30	09:30	2.00	0.0	0.0	Repair rig	Rig Service
09:30	12:00	2.50	0.0	184.0	PU / LD BHA / Tripping	Pick up 16" BHA
12:00	13:00	1.00	184.0	184.0	Other	Sensor Calibration
13:00	14:30	1.50	184.0	184.0	PU / LD BHA / Tripping	Pickup 2 joints of DP. establish flow rates.
14:30	15:30	1.00	184.0	216.0	Drilling	Drill out shoe
15:30	00:00	8.50	216.0	414.0	Drilling	Drill new formation, surveys every 3 stands
19-Nov-2008						
00:00	12:30	12.50	414.0	810.0	Drilling	Drilling to TD 810m MD
12:30	13:00	0.50	810.0	810.0	Other	Downlink to SLB sonic
13:00	14:30	1.50	810.0	810.0	Circulate / Condition mud	pump high vis pill
14:30	18:00	3.50	810.0	0.0	Reaming / Hole opener / Unc	POOH
18:00	19:30	1.50	0.0	0.0	PU / LD BHA / Tripping	LD BHA
19:30	20:30	1.00	0.0	0.0	PU / LD BHA / Tripping	Cement assy
20:30	23:00	2.50	0.0	0.0	Other	Casing JSA
23:00	00:00	1.00	0.0	0.0	Other	Investigate w-ford problem

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Time Description Report

20-Nov-2008
9:01AM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

Date/Time	Depth		Description
16-Nov-2008 11:00AM	0.0	m	Depassivated the batteries. 61938, OCV=21.78V, LCV=18.59V 61939, OCV=21.77V, LCV=18.51V 61940, OCV=21.77V, LCV=18.66V 61941, OCV=21.78V, LCV=18.51V
16-Nov-2008 8:30PM	0.0	m	Programmed primary and backup MWD. Both the tool are programmed through LTB to get the full wellsite test.
16-Nov-2008 10:10PM	0.0	m	Programmed primary and backup sonicVision*. The sonic tools are programmed for 10 s configuration for drilling and enable downlink for 1 s tripping out.
17-Nov-2008 10:00AM	0.0	m	Performed extender check for sonic tools. Sonic 9in is giving 120.3 kOhms of resistance. Sonic 8in is giving 120.5 kOhms
17-Nov-2008 10:30AM	0.0	m	Performed extender check for TeleScope. Extender resistance is 327 kOhms.
18-Nov-2008 4:20AM	0.0	m	Re-Initialized sonicVISION tool
18-Nov-2008 6:30AM	0.0	m	JSA for making up BHA
18-Nov-2008 7:30AM	0.0	m	Pick Up TeleScope
18-Nov-2008 8:42AM	0.0	m	Pick up Sonic
18-Nov-2008 8:50AM	0.0	m	Made up Sonic tool to TeleScope
18-Nov-2008 9:00AM	0.0	m	Made up thje BIT
18-Nov-2008 9:10AM	0.0	m	Bit below rotary (BRT)
18-Nov-2008 11:22AM	180.0	m	Drawworks calibration
18-Nov-2008 11:30AM	184.4	m	Hook Load sensor calibration
18-Nov-2008 11:54AM	184.1	m	Set bit depth as 184.11 m (same as BHA length)
18-Nov-2008 12:28PM	211.3	m	Start pumping to check the loses. No loses detected
18-Nov-2008 12:33PM	211.3	m	Stop pumping to install the flow measurement in the top of the casing
18-Nov-2008 1:47PM	211.3	m	Wash down to bottom
18-Nov-2008 3:13PM	229.0	m	Observed that C_PEAK dpoints sometimes giving 511
18-Nov-2008 3:40PM	229.0	m	BHI wits giving erronous reading
18-Nov-2008 4:57PM	253.7	m	Stoped Pumping
18-Nov-2008 5:48PM	264.0	m	BHI WITS is back ON again.
18-Nov-2008 6:13PM	271.0	m	Pump a survey, acquired bad survey. Recycled the pump again, still getting bad survey (H and Dip are out). Suspected casing interference.
18-Nov-2008 7:08PM	300.2	m	Pump a survey, acquired bad survey. Recycled the pump again, still getting bad survey (H and Dip are out). Suspected casing interference.
18-Nov-2008 8:25PM	329.0	m	Pump a Survey, DMAG correct survey. Good Survey
18-Nov-2008 9:30PM	363.0	m	Survey every 3 stands
18-Nov-2008 11:59PM	414.0	m	Midnight Depth
19-Nov-2008 12:00AM	414.0	m	Drilling Ahead with good signal, minimal shock/vib and stick slip. ROP avg 45m/hr
19-Nov-2008 2:00AM	509.0	m	Pumped survey. good survey 0.22 deg INC
19-Nov-2008 3:43AM	568.0	m	Drilling Ahead with good signal, minimal shock/vib and stick slip.
19-Nov-2008 6:16AM	654.0	m	Experience shocks while cleaning the hole (off bottom).
19-Nov-2008 9:49AM	761.0	m	Drill ahead, no shocks are seen on the screen. Take a survey every 3 stands as per plan.
19-Nov-2008 11:40AM	810.0	m	Called TD
19-Nov-2008 11:48AM	810.0	m	DL to Sonic
19-Nov-2008 12:00PM	809.0	m	Pumping gel to clean the hole
19-Nov-2008 1:30PM	809.0	m	Start POOH with elevator
19-Nov-2008 5:53PM	0.0	m	ART
19-Nov-2008 6:03PM	0.0	m	Break out the Bit

Date/Time	Depth		Description
19-Nov-2008 7:08PM	0.0	m	Lay Out Sonic
19-Nov-2008 7:20PM	0.0	m	Lay out TeleScope

Schlumberger

Drilling Parameters Repo

20-Nov-2
9:01:5

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco; Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 1

	19-Nov-2008 12:42 AM	18-Nov-2008 5:37 PM
Field Engineer	Dallas Perkins	Marganda Hasiholan
Depth	478.00 m	270.00 m
Avg ROP	22.14 m/hr	15.51 m/hr
On Bottom ROP	31.68 m/hr	48.94 m/hr
Flow Rate	1,200.00 galUS/min	1,200.00 galUS/min
Turbine RPM	4,101 rpm	4,101 rpm
Surface RPM	150 rpm	150 rpm
WOB Rotating	1.00 klbm	1.00 klbm
WOB Sliding		
DH WOB		
Surface Torque		
DH Torque		
Hookload	128 klbm	128 klbm
PickUp Weight		
Slack Weight		
Friction		
SPP On Bottom	2,032.00 psi	2,013.00 psi
SPP Off Bottom		
Diff Pressure		
BH Temperature		18.00 degC
Total Shocks (k)		
Max Shock Level		
Max Shock Duration		
Torsional Vib		
Lateral Vib		
Axial Vib		
CRPM		148 rpm
Stick/Slip		9
Formation	Limestone	Limestone
Signal Strength	77.00 psi	74.00 psi
Percent Signal Conf	94 %	97 %

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Run Information

	Date In			Date Out	
	21-Nov-2008 4:00PM			23-Nov-2008 7:30PM	
Depth (MD):	810.0	m	to	1454.0	m
Depth (TVD):	810.0	m	to	1454.0	m
Inclination:	0.21	deg	to	0.69	deg
Azimuth:	236.85	deg	to	132.78	deg

Drilling Distance:	486.00 m	Drilling Hours:	15.50 hrs
Rotary Drilling Distance:	486.00 m	Rotary Drilling Hrs:	15.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	29.00 m	Reaming Hours:	2.00 hrs
		Hrs Below Rotary:	51.50 hrs
		Total Pumping Hrs:	27.70 hrs

Hole Size:	12.25 in		
Last Casing Size:	13.625 in		
Last Casing Depth:	803.0 m (MD)		
Tool Face Arc:	.0 cm		
Total Face Angle:	0.00 deg		
North Ref Used:	Grid North	Min DLS:	0.02 deg/30 m
Magnetic Dec:	13.220 deg	Max DLS:	0.16 deg/30 m
Grid Correction:	0.420 deg	Max DLS Depth:	1,285.8 m
Total Correction:	12.800 deg	Surface Screen:	No
Est. Mag. Int:	0.00 deg	DFS Used:	No
		Inline Filter:	No

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The objectives for this run is to find the zone of interest (oil) at 1300m MD and 1600 m MD. The BHA quad combo of Schlumberger D&M is run to evaluate the formation.

The real time communication was configured 12Hz/6bps in TeleScope to evaluate the formation in real time.

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite

Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	RSS Manufacturer:	
Motor Type:		Bearing Play In:	in	RSS Type:	
Motor Size:		Bearing Play Out:	in	RSS SN:	
Serial No.:		Bent Sub Angle:	deg	RSS Size:	
Lobe Config:		Bent HSG Angle:	deg	Pulse Ht Threshold:	
Stage Length:	m			Min Pulse Width:	
Rubber:				Max Pulse Width:	
Sleeve Position:				Conn Phase Angle:	deg
Sleeve Size:	in			Rise Time Const:	
Bearing Type:				Fall Time Const:	
				Digit Time:	

RSS Information

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	0.00 deg	Bit Rate:	6 bps	Slimpulse Pulser Config:	
Mod Gap:	0.01200 in	Turbine Config:	600-1200 galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Drilling Parameters

	Min	Max	Avg		
BH Temperature:	40.00 degC	40.00 degC	40.00 degC	Total DH Shocks (k):	1 k
Surface RPM:	147.00 rpm	147.00 rpm	147.00 rpm	Max Shock Level:	3
				Max Shock Duration:	0 sec

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

ROP:	6.00 m/hr	32.20 m/hr	31.35 m/hr
Surface Torque:	0.29 kft.lbf	0.29 kft.lbf	0.29 kft.lbf
Flow Rate:	1,200.00 galUS/min	1,200.00 galUS/min	1,200.00 galUS/min
WOB Sliding:			

Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

Average Pump Pressure: psi

H2S In Well: No

Turbine RPM @ Min Flow Rate: 3,945 rpm Min Flow Rate: 1,200.00galUS/min SPP Off Bottom: psi
Turbine RPM @ Max Flow Rate: 3,945 rpm Max Flow Rate: 1,200.00galUS/min SPP On Bottom: 2,354.00 psi

Mud Information

Mud Type:	Water Base	Mud Clean:	Yes	pH:	9.50
Mud Company:	Baroid	LCM Type:		Chlorides:	35,000.00 ppm
Mud Brand:	KCl/Polymer	LCM Size:		Sand Content:	%
Funnel Viscosity:	65.00 s/qt	LCM Concentration:	lbs/bbl	Solids:	3.10 %
Plastic Viscosity:	19.00 cp	Weighting Material:	Barite	Percent Oil:	%
Yield Point:	32.00 lbm/100ft2	Mud Weight:	9.50 lbm/galUS		
Mud Resistivity:	0.13 ohm-m				

IADC Bit Grading

Manufacturer:	Hycalog	Total Revs:		IADC Code:	
Model:		Stick/Slip:		Jets (lUS/stroke):	
Type:	PDC	Reason Pulled:	Change Bottom Hole Assembly	Bit TFA:	0.00 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours:	30.93 hrs		Downhole Noise:	No	Run Failed:	Yes	
Jamming:	No	0.00 hrs	Surface System Failure:	No	D&M Trip:	No	
Surface Vibration:	No		Surface Noise:	No	Low Oil Flag:	No	0.00 hrs
Trans Fail:	No		H2S in Well:	No	Filter Screen/Plug Shear:	No	

Client Inconvenience: **Yes** Lost Time: 4.00hrs

Reason for POOH: Change Bottom Hole Assembly

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

BHA consists of Bit, ARC8, TeleScope, Sonic8 and SADN8 is run and successfully made and tested. During the run all the tools are performing well as expected.

The tool experienced high shocks and vibration. ARC8 experienced 7-8 hours of shock level 3.Fine tuning of RPM and WOB was done in order to mitigate these shocks and vibrations.
ARC continued to experience shocks even after fine-tuning.

Company man and all related personnel were informed of the situation and kept aware of its status.

@ 1454m MD due to insufficient ROP it was decided to POOH for a bit change.
After completing checks on LWD tools damage was found on the threads of the downhole ADN8 and uphole of the sonic.

Recorded mode data was then dumped showing clear and high density results.
The field print logs were delivered to the client.

If not, why?:

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Equipment on the Run

	Pump Hours			
Equipment	Start	Cumulative	Software Version	Tool Size
ARC8D-BB-1106	0.00 hrs	27.70 hrs	V9.3B	8.25 in
MDC-DE-VR52	0.00 hrs	27.70 hrs	9.2CO2	8.25 in
NDDC-CA-42730	0.00 hrs	27.70 hrs	V8.3A	8.25 in
NDDC-CA-42736	0.00 hrs	27.70 hrs	V8.3A	8.25 in
SD8D-CA-41229	0.00 hrs	27.70 hrs	V6.6b04	8.25 in

Services on the Run

			Real Time			Recorded Mode			
Equipment	Service	Tool Name	Hours	Failed	Depth	Hours	Failed	Depth	CAF
LWD	Resistivity	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	APWD	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Gamma Ray	arcVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
MWD	Cont D&I	TeleScope	27.70 hrs		486.0 m	hrs			
MWD	D&I	TeleScope	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Shear DT	SonicVision	hrs			51.50 hrs		486.0 m	
LWD	Compressional DT	SonicVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Density Image	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Caliper	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Density	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	
LWD	Neutron	sadnVision	27.70 hrs		486.0 m	51.50 hrs		486.0 m	

Schlumberger

BHA Report

29-Nov-2008
2:57PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Len
1	BIT	Hycalog	PDC	218663	0.35 m	12.25									0.35 m
2	BIT SUB			7221	1.22 m	8.25	3.00								1.57 m
3	LWD	D&M	arcVISION	1106	5.79 m	8.25	3.00				6 5/8"	API REG PIN	6 5/8"	API FH BOX	7.36 m
4	MWD	D&M	TeleScope	VR52	8.43 m	8.25	4.25				6 5/8"	API FH PIN	6 5/8"	API FH BOX	15.79 m
5	LWD	D&M	SonicVISION	41229	7.72 m	8.25	4.13				6 5/8"	API FH PIN	6 5/8"	API FH BOX	23.51 m
6	LWD	D&M	sadnVISION	42736	9.36 m	8.25	3.30			12.00		API FH PIN	6 5/8"	API REG BOX	32.87 m
7	DRILL COLLAR			IY8250	37.78 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	70.65 m
8	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	80.33 m
9	DRILL COLLAR			4T8	9.41 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	89.74 m
10	CROSSOVER			7132	0.93 m	5.50	2.81				6 5/8"	API REG PIN	5 1/2"		90.67 m
11	HWDP			seadrill	56.21 m	5.50	3.25				5 1/2"		5 1/2"		146.88 m

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:
Wt Below Jars:
Wt Above Jars:
Total Air Wt:

Stab Description	Mid Pt to Bit	Blade Type	Blade Len	Blade Width	Gauge Len	Gauge In	Gauge Out

Bit to Read Out Port		
LWD-arcVISION	5.20	m
MWD-TeleScope	9.10	m
LWD-SonicVISION	20.50	m
LWD-sadnVISION	27.60	m

Bit to Measurement Port		
arcVISION-Resistivity	4.07	m
arcVISION-APWD	3.36	m
arcVISION-Gamma Ray	4.12	m
TeleScope-D&I	11.48	m
SonicVISION-Shear DT	20.93	m
SonicVISION-Compressional	20.93	m
sadnVISION-Caliper	26.66	m
sadnVISION-Density	26.83	m
sadnVISION-Neutron	28.81	m

Schlumberger

Daily Drilling Activity Report

29-Nov-2008
2:57PM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Rocco;Peter	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	2				

From	To	Elapsed	Depth in m From	To	IADC Activity	Description
22-Nov-2008						
00:00	00:30	0.50	33.0	33.0	MWD/LWD service quality	SHT
00:30	04:30	4.00	33.0	781.0	PU / LD BHA / Tripping	P/up DP and RIH o 781m
04:30	06:30	2.00	781.0	810.0	Reaming / Hole opener / Unc	ream f/781 to 792 drill out shoe
06:30	07:00	0.50	810.0	813.0	Drilling	Drill new formation
07:00	09:00	2.00	813.0	813.0	Circulate / Condition mud	Codition Mud
09:00	00:00	15.00	813.0	1296.0	Drilling	Continue drill ahead 12.25" hole
23-Nov-2008						
00:00	14:00	14.00	1296.0	1454.0	Drilling	Drilling f/1296 - 1454 m
14:00	00:00	10.00	1454.0	0.0	PU / LD BHA / Tripping	POOH

Schlumberger

Time Description Repor

29-Nov-200
2:57PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Rocco;Peter **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 2

Date/Time	Depth		Description
21-Nov-2008 3:30PM	0.0	m	Pickup Arc
21-Nov-2008 3:50PM	0.0	m	Pickup Telescope
21-Nov-2008 4:00PM	0.0	m	Bit Below Rotary Table
21-Nov-2008 4:15PM	0.0	m	Pickup Sonic
21-Nov-2008 4:40PM	0.0	m	Pickup Primary sADN
21-Nov-2008 5:28PM	33.0	m	SHT. Successful without source
21-Nov-2008 6:00PM	33.0	m	Problems Loading source into primary sADN
21-Nov-2008 7:00PM	33.0	m	FSM was contacted regarding source loading problem
21-Nov-2008 8:15PM	23.0	m	LayDown Primary sADN
21-Nov-2008 8:40PM	23.0	m	Pickup Backup sADN
21-Nov-2008 9:00PM	33.0	m	SHT with Backup sADN without Source
21-Nov-2008 9:30PM	33.0	m	Load the source to the back up ADN
21-Nov-2008 11:00PM	200.0	m	SHT with Source. All the status word is giving 0, good tool G. Continue to make up BHA
21-Nov-2008 11:30PM	210.0	m	Continue RIH
22-Nov-2008 4:15AM	774.0	m	Top of Cement
22-Nov-2008 4:22AM	795.0	m	Drilling out cement
22-Nov-2008 4:42AM	796.9	m	Set Bit Depth at stand 23 and Hole Depth at 800 m
22-Nov-2008 5:59AM	795.0	m	Rm=0.1214 Ohm.m @ 17.2 degC
22-Nov-2008 9:49AM	842.0	m	Acquired good survey
22-Nov-2008 1:22PM	930.0	m	Acquired good survey
22-Nov-2008 4:22PM	1061.0	m	Drilling ahead at 1061 m. No shock experience. Good survey acquired.
22-Nov-2008 6:46PM	1149.0	m	Drilling ahead, good signal. minimal shock-vibration/stick'n'slip. ROP average 37m/hr
22-Nov-2008 7:34PM	1178.0	m	Mud weight 9.6 in 9.5 out
22-Nov-2008 8:19PM	1200.0	m	drilling peramiters change due to mud losses. Observed Shock Level1 on MWD, Shock Level 3 on Sonic and ARC. reported increase of shk over this period.
22-Nov-2008 9:23PM	1238.0	m	Drill returned to normal. only minimal shock-vibration/stick'n'slip. ROP average 50m/hr
22-Nov-2008 11:59PM	1296.0	m	Midnight Depth
23-Nov-2008 1:30AM	1339.0	m	Observed Shock level 3 from ARC and Shock Level 1 from MWD. for 3 frames contacted rig floor, torque has increased suspect stringer
23-Nov-2008 1:50AM	1350.0	m	Observed Shock level 3 from ARC and Shock Level 1 from MWD & ADN. for 3 frames contacted rig floor, torque has increased suspect stringer
23-Nov-2008 3:44AM	1389.0	m	Drilling ahead. minimal shk-vib. zone of interest reduced ROP 25m/hr
23-Nov-2008 4:21AM	1405.0	m	Observed level shk from ARC. for 4 frames
23-Nov-2008 5:47AM	1422.0	m	Observed ARC & MWD shock level 3. contact drill floor. picked up off bottom.
23-Nov-2008 7:30AM	1452.0	m	Experience high shocks level for all tools. Pick up off bottom, coordinate with the driller to mitigate and informed the company man. Bit bouncing detected.
23-Nov-2008 8:53AM	1453.0	m	Experience high shocks still present. Try to mitigate by trying different RPM and WOB.
23-Nov-2008 9:30AM	1453.0	m	Continue driling with very slow ROP.
23-Nov-2008 1:00PM	1454.0	m	Decided to POOH
23-Nov-2008 5:45PM	33.0	m	Break out the ADN from the BHA. Unload the source.
23-Nov-2008 6:15PM	20.0	m	Break out the SONIC from ADN and founf the thread is broken for top of the sonic and downhole of ADN.
23-Nov-2008 7:30PM	14.0	m	Bit Above Rotary Table
23-Nov-2008 8:00PM	0.0	m	Break and lay down the TeleScope, ARC and Sonic

Schlumberger

Drilling Parameters Report

29-Nov-2008
2:57:37PM

Job Number: 08ASQ0031
Company Rep: Rocco;Peter
Run Number: 2

Company: BEACH PETROLEUM LTD
Location: MEA-APG-ASQ

Rig Name: West Triton
Well Name: PeeJay-1

	22-Nov-2008 4:41 PM
Field Engineer	Marganda Hasiholan
Depth	1,082.00 m
Avg ROP	20.25 m/hr
On Bottom ROP	57.86 m/hr
Flow Rate	1,200.00 galUS/min
Turbine RPM	3,945 rpm
Surface RPM	147 rpm
WOB Rotating	10.00 klbm
WOB Sliding	
DH WOB	
Surface Torque	.29 kft.lbf
DH Torque	
Hookload	158 klbm
PickUp Weight	
Slack Weight	
Friction	
SPP On Bottom	2,354.00 psi
SPP Off Bottom	
Diff Pressure	
BH Temperature	40.00 degC
Total Shocks (k)	1 k
Max Shock Level	3
Max Shock Duration	
Torsional Vib	
Lateral Vib	
Axial Vib	
CRPM	147 rpm
Stick/Slip	27
Formation	Limestone
Signal Strength	55.00 psi
Percent Signal Conf	83 %

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Run Information

	Date In		Date Out
	24-Nov-2008 1:46AM		28-Nov-2008 1:50AM
Depth (MD):	1454.0 m	to	2183.0 m
Depth (TVD):	1454.0 m	to	2183.0 m
Inclination:	0.69 deg	to	0.98 deg
Azimuth:	132.78 deg	to	61.66 deg

Drilling Distance:	730.00 m	Drilling Hours:	77.50 hrs
Rotary Drilling Distance:	730.00 m	Rotary Drilling Hrs:	77.50 hrs
Sliding Distance:	0.00 m	Sliding Hours:	0.00 hrs
Reaming Distance:	0.00 m	Reaming Hours:	0.00 hrs
		Hrs Below Rotary:	96.07 hrs
		Total Pumping Hrs:	85.40 hrs

Hole Size:	12.25 in	Min DLS:	0.06 deg/30 m
		Max DLS:	0.51 deg/30 m
Last Casing Size:	9.625 in	Max DLS Depth:	1,492.0 m
Last Casing Depth:	810.0 m (MD)	Surface Screen:	No
Tool Face Arc:	.0 cm	DFS Used:	No
Total Face Angle:	0.00 deg	Inline Filter:	No

North Ref Used:	Grid North		
Magnetic Dec:	13.220 deg		
Grid Correction:	0.420 deg		
Total Correction:	12.800 deg		
Est. Mag. Int:	0.00 deg		

Rig Information

Rig Type:	Jack Up	Pump Type:	Triplex
Water Depth:	78.00 m	Pulse Damp Press:	700 psi
Air Gap:	11.30 m	Number of Pumps:	3
RKB Height:	34.20 m	Pump Line ID:	6.50 in
Ground Elevation:	112.16 m	Pump Output:	5.85 galUS/stroke
		Pump Stroke Len:	14.00 in

Run Objective

The objective for this run is to find the secondary target of reservoir at `1600 m MD. The quad combo Schlumberger D&M's tool is run to evaluate the formation with contingency plan to run Schlumberger's wireline tool.

D&M Crew List:

Cell Manager: Marganda Hasiholan Sihite
Crew: Wissam Chehabi, MWD
Dallas Perkins, LWD
Marganda Hasiholan Sihite, Cell Manager

DH Motor Information

Manufacturer:		Bit to Bend Dist:	m	RSS Manufacturer:	
Motor Type:		Bearing Play In:	in	RSS Type:	
Motor Size:		Bearing Play Out:	in	RSS SN:	
Serial No.:		Bent Sub Angle:	deg	RSS Size:	
Lobe Config:		Bent HSG Angle:	deg	Pulse Ht Threshold:	
Stage Length:	m			Min Pulse Width:	
Rubber:				Max Pulse Width:	
Sleeve Position:				Conn Phase Angle:	deg
Sleeve Size:	in			Rise Time Const:	
Bearing Type:				Fall Time Const:	
				Digit Time:	

MWD Configuration

Mod Type:	QPSK	Int Tool Face Offset:	0.00 deg	Bit Rate:	6 bps	Slimpulse Pulser Config:	
Mod Gap:	0.01200 in	Turbine Config:	600-1200 galUS/min	Frequency:	12 Hz	Pred Sig Strength @ TD:	psi
SPT Type:	HA						

Drilling Parameters

	Min	Max	Avg		
BH Temperature:	57.00 degC	77.00 degC	65.00 degC	Total DH Shocks (k):	3 k
Surface RPM:	135.00 rpm	150.00 rpm	145.25 rpm	Max Shock Level:	3
				Max Shock Duration:	0 sec

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

ROP:	6.92 m/hr	14.15 m/hr	9.42 m/hr
Surface Torque:	1.75 kft.lbf	8.39 kft.lbf	4.42 kft.lbf
Flow Rate:	700.00 galUS/min	1,200.00 galUS/min	1,050.00 galUS/min
WOB Sliding:			

Checkshot Type:
Checkshot Depth: m
Checkshot Incl: deg
Checkshot Azim: deg

Average Pump Pressure: psi

H2S In Well: No

Turbine RPM @ Min Flow Rate: 3,476 rpm
Turbine RPM @ Max Flow Rate: 4,179 rpm
Min Flow Rate: 700.00galUS/min
Max Flow Rate: 1,200.00galUS/min
SPP Off Bottom: psi
SPP On Bottom: 2,240.00 psi

Mud Information

Mud Type:	Water Base	Mud Clean:	No	pH:	9.50
Mud Company:	Bariod	LCM Type:		Chlorides:	38,100.00 ppm
Mud Brand:	KCl/Polymer	LCM Size:		Sand Content:	0.80 %
Funnel Viscosity:	56.00 s/qt	LCM Concentration:	lbs/bbl	Solids:	4.90 %
Plastic Viscosity:	19.00 cp	Weighting Material:	Barite	Percent Oil:	%
Yield Point:	35.00 lbm/100ft2	Mud Weight:	9.50 lbm/galUS		
Mud Resistivity:	0.09 ohm-m				

IADC Bit Grading

Manufacturer:	Hughes Christianson	Total Revs:		IADC Code:	
Model:	MXL-C30HDX	Stick/Slip:		Jets (lUS/stroke):	
Type:	Milltooth	Reason Pulled:	Total Depth/Casing Depth	Bit TFA:	0.00 in2

Inner Row	Outer Row	Dull Char	Location	Bearings/Seals	Gauge	Other Chars

End of Run - Summary

Sync Hours:	80.83 hrs		Downhole Noise:	No		Run Failed:	Yes	
Jamming:	No	0.00 hrs	Surface System Failure:	No		D&M Trip:	No	
Surface Vibration:	No		Surface Noise:	No		Low Oil Flag:	No	0.00 hrs
Trans Fail:	No		H2S in Well:	No		Filter Screen/Plug Shear:	No	

Client Inconvenience: **No** Lost Time: hrs

Reason for POOH: Total Depth/Casing Depth

D&M Run Obj Met? [DD and MWD/LWD]: **Yes**

Brief Run Summary:

The well was succesfully drilled to planned TD 2133m MD. The client decided to drill ahead to find the clean sand. The new TD was reached at 1600 hrs @ 2183 m MD.

The SADN8 was run in Recorded Mode only due to broken sub. Beside the failure of button resistivities, the client was happy with the Schlumberger D&M performance.

All the tool are laid down and succesfully dumped. Log was proccessed and given to the client for Field Print in the wellsite.

When laying out BHA, it was found that the stabilizer of SADN8, GVR8 and wear band in sonic8 are worn out.

If not, why?:

Schlumberger

Equipment Run Summary Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Equipment on the Run

	Pump Hours			
Equipment	Start	Cumulative	Software Version	Tool Size
MDC-DE-VR52	27.70 hrs	113.10 hrs	9.2CO2	8.25 in
NDDC-CA-42730	27.70 hrs	113.10 hrs	V8.3A	8.25 in
RBDC-CA-025	0.00 hrs	85.40 hrs	V9.1b02	8.25 in
SD8D-CA-41229	0.00 hrs	85.40 hrs	V6.6b04	8.25 in

Services on the Run

			Real Time			Recorded Mode			
Equipment	Service	Tool Name	Hours	Failed	Depth	Hours	Failed	Depth	CAF
LWD	GeoVision	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Ring Resistivity	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Bit Resistivity	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Button Resistivity	GeoVision	23.00 hrs		226.0 m	30.50 hrs		226.0 m	
LWD	GammaRay	GeoVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
MWD	Cont D&I	TeleScope	85.40 hrs		730.0 m	hrs			
MWD	D&I	TeleScope	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Shear DT	SonicVision	hrs			96.07 hrs		730.0 m	
LWD	Compressional DT	SonicVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Density Image	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Caliper	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Density	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	
LWD	Neutron	sadnVision	85.40 hrs		730.0 m	96.07 hrs		730.0 m	

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BHA Report

29-Nov-2008
2:49PM

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3 **BHA Type:** Other

								Fishing Neck		Stab	Bottom Connection		Top Connection		
Item	Description	Vendor	Tool Name	Serial Number	Length	OD, in	ID, in	OD, in	Len, m	OD, in	Size	Type	Size	Type	Cumul Len
1	BIT	Hughes Christianson	Milltooth	6069569	0.34 m	12.25									0.34 m
2	BIT SUB			7221	1.22 m	8.25	3.00								1.56 m
3	LWD	D&M	GeoVISION	025	4.20 m	8.25	3.00				6 5/8"	API REG PIN	6 5/8"	API FH BOX	5.76 m
4	MWD	D&M	TeleScope	VR52	8.43 m	8.25	4.25				6 5/8"	API FH PIN	6 5/8"	API FH BOX	14.19 m
5	LWD	D&M	SonicVISION	41229	8.52 m	8.25	4.13				6 5/8"	API FH PIN	6 5/8"	API FH BOX	22.71 m
6	LWD	D&M	sadnVISION	42730	9.34 m	8.25	3.30			12.00		API FH PIN	6 5/8"	API REG BOX	32.05 m
7	DRILL COLLAR			IY8250	66.14 m	8.25	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	98.19 m
8	JAR			17621371	9.68 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	107.87 m
9	DRILL COLLAR			4T8	9.41 m	8.00	2.81				6 5/8"	API REG PIN	6 5/8"	API REG BOX	117.28 m
10	CROSSOVER			7132	0.93 m	5.50	2.81				6 5/8"	API REG PIN	5 1/2"		118.21 m
11	HWDP			seadrill	56.21 m	5.50	3.25				5 1/2"		5 1/2"		174.42 m

Predicted BHA Tendency:

Hookload Out:
Pickup Out:
Slack Weight:

Wt Below Jars:
Wt Above Jars:
Total Air Wt:

	Mid Pt	Blade			Gauge		
Stab Description	to Bit	Type	Len	Width	Len	In	Out

Bit to Read Out Port		
LWD-GeoVISION	5.20	m
MWD-TeleScope	7.60	m
LWD-SonicVISION	18.40	m
LWD-sadnVISION	26.00	m

Bit to Measurement Port		
TeleScope-D&I	9.94	m
SonicVISION-Shear DT	18.83	m
SonicVISION-Compressional	18.83	m
sadnVISION-Caliper	25.04	m
sadnVISION-Density	25.21	m
sadnVISION-Neutron	27.04	m
GeoVISION-Ring Resistivity	3.07	m
GeoVISION-Bit Resistivity	1.11	m
GeoVISION-Button Resistivity	3.58	m
GeoVISION-GammaRay	2.81	m

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Daily Drilling Activity Report

29-Nov-2008
2:49PM

Job Number:	08ASQ0031	**Company:**	BEACH PETROLEUM LTD	**Rig Name:**	West Triton
Company Rep:	Sean De Freitas; Peter Dan	**Location:**	MEA-APG-ASQ	**Well Name:**	PeeJay-1
Run No:	3				

From	To	Elapsed	Depth in m From	To	IADC Activity	Description
24-Nov-2008						
00:00	01:00	1.00	0.0	0.0	Other	Prep MWD/LWD tools
01:00	03:00	2.00	0.0	32.0	PU / LD BHA / Tripping	P/up BHA
03:00	04:00	1.00	32.0	32.0	Other	SHT and load source into sadn
04:00	07:30	3.50	174.0	804.0	PU / LD BHA / Tripping	RIH to 174m
07:30	08:30	1.00	804.0	1454.0	Circulate / Condition mud	circ@shoe and continue to RIH
08:30	15:00	6.50	1454.0	1499.0	Drilling	Contine Drilling 12.25in hole f/1454m to 1499m
15:00	15:30	0.50	1499.0	1499.0	Other	Losses over shakers. stop drilling
15:30	17:00	1.50	1499.0	1517.0	Drilling	Contine Drilling 12.25in hole f/1499m to 1517m
17:00	17:30	0.50	1517.0	1517.0	Other	Losses over shakers. stop drilling
17:30	00:00	6.50	1517.0	1609.0	Drilling	Contine Drilling 12.25in hole f/1517m to 1609m
25-Nov-2008						
00:00	09:30	9.50	1609.0	1680.0	Drilling	Drilling ahead f/1609 to 1680
09:30	10:00	0.50	1680.0	1680.0	Lubricate rig / Service	Lubricated rig equip
10:00	00:00	14.00	1680.0	1838.0	Drilling	Drilling ahead f/1609 to 1838
26-Nov-2008						
00:00	06:30	6.50	1838.0	1916.0	Drilling	Drilling ahead f/1838 to 1916
06:30	07:00	0.50	1916.0	1916.0	Lubricate rig / Service	Rig Service
07:00	00:00	17.00	1916.0	2058.0	Drilling	Drilling ahead f/1916 to 1916
27-Nov-2008						
00:00	16:00	16.00	2058.0	2183.0	Drilling	Drilling
16:00	00:00	8.00	2183.0	200.0	PU / LD BHA / Tripping	POOH

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Time Description Repor

29-Nov-200
2:50PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Date/Time	Depth		Description
24-Nov-2008 1:00AM	0.0	m	P/UP GVR
24-Nov-2008 1:30AM	0.0	m	P/UP TeleScope
24-Nov-2008 1:46AM	20.0	m	Bit Below Rotary
24-Nov-2008 2:00AM	0.0	m	P/UP Sonic
24-Nov-2008 2:30AM	0.0	m	P/UP sADN
24-Nov-2008 3:00AM	0.0	m	SHT @ 800gpm
24-Nov-2008 3:30AM	33.0	m	Load Source into sADN Tool
24-Nov-2008 4:00AM	33.0	m	RIH to Bottom
24-Nov-2008 8:14AM	1440.0	m	Tagged bottom.
24-Nov-2008 9:13AM	1440.0	m	Hole cleaning, observed minor peek shk.
24-Nov-2008 11:39AM	1474.0	m	Drilling through hard formations.
24-Nov-2008 1:45PM	1501.0	m	Shakers over flowing, stop drilling.
24-Nov-2008 2:45PM	1502.0	m	Go back on bottom.
24-Nov-2008 4:43PM	1534.0	m	Ajam seeing in the in the HSPM
24-Nov-2008 5:21PM	1534.0	m	MWD stat word is jaming.
24-Nov-2008 5:25PM	1537.0	m	A_Jam is still exist, informed the company man.
24-Nov-2008 7:21PM	1562.0	m	Drilling ahead good signal, minimal shocks ROP avg 5m/hr
24-Nov-2008 9:09PM	1579.0	m	Minimal shock peek observed.
24-Nov-2008 9:48PM	1591.0	m	Peek shock observed while coming off bottom at stand down.
24-Nov-2008 10:25PM	1596.0	m	Sonic shock level 2 and medium shk peek while tagging bottom after connection
24-Nov-2008 10:54PM	1606.0	m	Sonic shock level 2 and medium shk peek while picking up off bottom
24-Nov-2008 11:59PM	1609.0	m	Peek shk encountered while pickup off bottom and reaming the stand before connection. also level 2 sonic shk.
24-Nov-2008 11:59PM	1609.0	m	Spoke to rig floor regrading increased freq of peek shock.suspect stringer/coal
25-Nov-2008 12:27AM	1625.0	m	Sonic and peek shks becoming more frequent again also showing very high stick'n'slip, contacted rig floor regarding this drill string torquing up due to stringer. keeping a close eye on shk-vib while drilling though this sringer
25-Nov-2008 12:42AM	1629.0	m	Still getting losses over shakers and shk had increase. lowered to 90rpm shk are back to minimal and have broken through stringer
25-Nov-2008 12:56AM	1630.0	m	encountering another stringer. showing high stick slip and level 2 sonic shk and increased peek shks, contacted rig floor going to try changing drilling perameters
25-Nov-2008 2:31AM	1645.0	m	observed high peek shk and stick'n'slip, shk level 2 on sonic. shk-rsk level 1 for 5 frames
25-Nov-2008 2:43AM	1648.0	m	Contacted driller regarding high stick'n'slip. picked up off bottom
25-Nov-2008 2:51AM	1649.0	m	show high stickn'slip. contacted drill floor going to try different drilling perameters.
25-Nov-2008 3:49AM	1654.0	m	Show severe stick'n'slip, sonic shk level2 and mwd shk-rsk level1. contacted drill floor regarding problem. problem still at 90rpm going to change rpm to try and mitagte stick'n'slip and shk values.
25-Nov-2008 4:32AM	1663.0	m	Show severe stick'n'slip, sonic shk level2 and mwd shk-rsk level1. contacted drill floor regarding problem. trying to mitigate problem. also spoke to GEO about problem.
25-Nov-2008 4:51AM	1665.0	m	Observed a large drop in stick'n'slip, still showing level1&2 shk from sonic and medium level peek shk.
25-Nov-2008 5:15AM	1667.0	m	Drilling ahead good signal, minimal stick'n'slip and shocks.
25-Nov-2008 8:06AM	1680.0	m	The shallow button resistivity of GVR showing erratic reading. The res reading is not coressponding to other res reading. Suspected the shallow buttons res sensor failed.
25-Nov-2008 10:00AM	1696.0	m	Discussed with OSC about the res reading.
25-Nov-2008 11:32AM	1711.0	m	Drilling through hard formation. Bit bouncing
25-Nov-2008 2:13PM	1724.0	m	Shock risk level 1 and sonic shock level 1. Pick up off bottom.
25-Nov-2008 3:16PM	1733.0	m	ROP is picked up to be 40 m/hr.
25-Nov-2008 3:35PM	2183.0	m	TD called
25-Nov-2008 4:30PM	2183.0	m	DL to Sonic and DL is succesfull
25-Nov-2008 6:47PM	1945.0	m	Tripping Out of hole
26-Nov-2008 12:39AM	1860.0	m	Drilling ahead with good signal. and very minimal stick'n'slip and shocks. ROP 26m/hr
26-Nov-2008 6:19AM	1919.0	m	Drilling ahead very minimal shocks and stick'n'slip.
26-Nov-2008 12:35PM	1972.0	m	HSPM showing the tool sends survey frame and utility frame (recycled). Spectogram showing there is a certain time that signal lost.

Date/Time	Depth		Description
26-Nov-2008 1:28PM	1977.1	m	The MWD stat showing 36 and 32.
26-Nov-2008 3:26PM	1996.0	m	Drilling with slow ROP, signal good and tool is responding very well.
26-Nov-2008 9:18PM	2048.0	m	Drilling with slow ROP, signal good. very minimal shocks
26-Nov-2008 9:30PM	2050.0	m	Observed low shock peek.
26-Nov-2008 10:30PM	2056.0	m	loss of signal. for about 4mins
26-Nov-2008 10:34PM	2057.0	m	Drilling Ahead with good signal.
27-Nov-2008 12:38AM	2066.0	m	Drilling with slow ROP, signal good and tool is responding very well.
27-Nov-2008 1:33AM	2072.0	m	Showing frequent peek shks under 50g
27-Nov-2008 2:30AM	2077.0	m	Observed decrease in SPP contact rig floor and mud loggers. suspect due to mud mixing.
27-Nov-2008 3:07AM	2079.0	m	Observed slight increase in peek shk. still 50g and below. for around ten mins.
27-Nov-2008 4:46AM	2183.0	m	DL to Sonic to 1s record rate.
27-Nov-2008 6:12AM	2094.0	m	Drilling ahead. good signal, avg ROP 5m/hr
27-Nov-2008 7:06AM	2100.0	m	Drilling ahead with slow ROP, WOB is about 35 k. Good signal, sometimes the bit is bouncing.
27-Nov-2008 7:38AM	2104.0	m	Pump 3 offline
27-Nov-2008 7:51AM	2104.0	m	Pump 3 back online
27-Nov-2008 7:55AM	2104.0	m	IDEAL crahed. Restart the system and restore DLIS.
27-Nov-2008 9:26AM	2126.0	m	MWDstat showing 4. It means mag ustable with LTB power.
27-Nov-2008 4:20PM	2183.0	m	Called TD
27-Nov-2008 4:46PM	2135.0	m	Keep drilling until find clean sandstone.
27-Nov-2008 5:20PM	2183.0	m	POOH
28-Nov-2008 1:00AM	30.0	m	Unloading the source from SADN8
28-Nov-2008 1:30AM	28.0	m	Break down SADN8
28-Nov-2008 1:50AM	0.0	m	Bit above rotary table
28-Nov-2008 2:30AM	0.0	m	Lay out Sonic
28-Nov-2008 2:50AM	0.0	m	Lay out TeleScope
28-Nov-2008 2:55AM	0.0	m	Lay out GVR

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Drilling Parameters Report

29-Nov-2008
2:50:30PM

Job Number: 08ASQ0031
Company: BEACH PETROLEUM LTD
Rig Name: West Triton
Company Rep: Sean De Freitas; Peter Dane
Location: MEA-APG-ASQ
Well Name: PeeJay-1
Run Number: 3

	27-Nov-2008 10:47 AM	26-Nov-2008 6:59 AM	25-Nov-2008 7:01 AM	24-Nov-2008 6:13 PM
Field Engineer	Marganda Hasiholan	Marganda Hasiholan	Marganda Hasiholan	Marganda Hasiholan
Depth	2,144.00 m	1,921.00 m	1,680.00 m	1,554.00 m
Avg ROP	5.21 m/hr	9.17 m/hr	9.54 m/hr	6.97 m/hr
On Bottom ROP	7.81 m/hr	10.63 m/hr	12.05 m/hr	15.50 m/hr
Flow Rate	1,200.00 galUS/min	1,200.00 galUS/min	1,100.00 galUS/min	700.00 galUS/min
Turbine RPM	4,179 rpm	4,179 rpm	3,945 rpm	3,476 rpm
Surface RPM	146 rpm	150 rpm	150 rpm	135 rpm
WOB Rotating	38.00 klbm	23.00 klbm	17.00 klbm	14.00 klbm
WOB Sliding				
DH WOB				
Surface Torque	8.39 kft.lbf	3.78 kft.lbf	3.75 kft.lbf	1.75 kft.lbf
DH Torque				
Hookload	241 klbm	202 klbm	180 klbm	178 klbm
PickUp Weight				
Slack Weight				
Friction				
SPP On Bottom	3,300.00 psi	3,052.00 psi	2,759.00 psi	2,240.00 psi
SPP Off Bottom				
Diff Pressure				
BH Temperature	77.00 degC	66.00 degC	60.00 degC	57.00 degC
Total Shocks (k)	1 k	1 k	1 k	
Max Shock Level		3	3	
Max Shock Duration				
Torsional Vib				
Lateral Vib				
Axial Vib				
CRPM	146 rpm	150 rpm	150 rpm	134 rpm
Stick/Slip	12	6	12	12
Formation	Dolomite	Sandstone	Sandstone	Sandstone
Signal Strength	41.00 psi	44.00 psi	32.00 psi	19.00 psi
Percent Signal Conf	78 %	75 %	80 %	65 %

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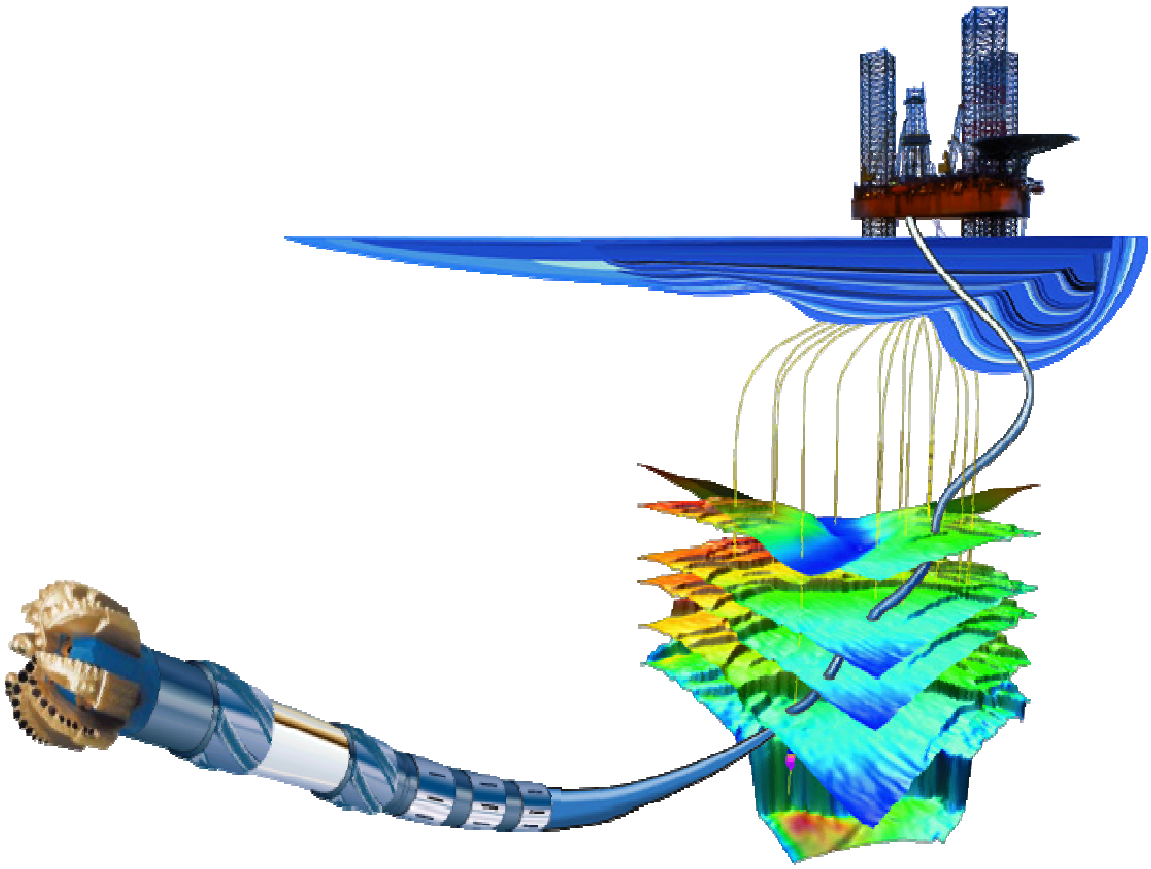
BEACH PETROLEUM

5. Service Quality Issues



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Failure Repor

29-Nov-200
2:57P

Job Number: 08ASQ0031
Company Rep: Rocco;Peter
Run Number: 2

Company: BEACH PETROLEUM LTD
Location: MEA-APG-ASQ

Rig Name: West Triton
Well Name: PeeJay-1

Failure Number: 1

Fail Date: 21-Nov-2008
Severity: Near
CAF: YES
Lost Rig Time: 4.00 **hrs**

Pump Hour @ Fail: 0.00 **hrs**
Drill Hours @ Fail: 0.00 **hrs**
Hours BRT @ Fail: 0.00 **hrs**
Depth @ Fail: 0.0 **m**

Failed Services:

Failed Equipment:

NDDC-CA - 42730

Failure Description and Symptoms

Completed By: Marganda Hasiholan Sihite

Date: 22-Nov-2008

After completing the first successful shallow hole test(sourcless), an attempt was made to load the radioactive source into the ADN8.
This was found to be a difficult procedure as the source cavity cap would not easily be removed, after removal of the source cavity cap an unknown material was found on top of the cavity cap.
the nuclear source was then inserted into the tool and latching the beryllium copper head to the source pocket could not be done.

Remedial Action Attempted on Location

Completed By: Marganda Hasiholan Sihite

Date: 22-Nov-2008

Different methods and repeated attempts were done unsuccessfully.
Issue was then discussed with the company man and the decision was then made to test source loading of the backup tool.
This was found to be successful and the decision was made to run the backup tool downhole. (SN:42736)

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UNABLE TO LOAD THE RADIOACTIVE SOURCE TO SADN8

Description

At 21st November 2008 @ 13:30, the BHA for 12.25 sections is started to make up. The entire tool was re-initialized and ready to pick up. At 17:00, the BHA was successfully made up and ready for 1st SHT (without loading the nuclear source). Tool was pumped with 800 gpm, good signal and good result. 1st SHT was done at 17:28 pm. Prior to do SHT, the IDEAL computer was crashed and could not restart. The other computer has to be set up to be ready for SHT.

The D&M's crew was ready for loading the radioactive source to SAN8 tool. The radioactive source was brought to the rig floor. Work permit and announcement was made for loading the radioactive source.

The problem was begun when the D&M crew wanted to remove the source cavity cap from the tool. It took about 20 minutes to be able to get the source cavity cap out from the tool. The problem was could not find the thread to latch the source handling tool to. When the source cavity cap came out from the tool it was found something like rags come out on the top of the source cavity cap. That's why it was hard to latch to the cap. Checked with the driller and said that was not from the mud pit.

The funnel was inserted and transfer shield was put to the top of the tool. When wanted to load the source, could not find the thread to latch to the head of the Source. Attempted to remove the funnel and load the source again, still did not find the thread to land the source properly. It was 19:00, the Field Service Manager was contacted and suggested something to try. The D&M crew in rig site try and still did not work.

The company man came to the rig floor and discussed about this problem. This problem happened also before in the previous well but for unloading the radioactive source. The company man suggested picking up back up SADN8. The D&M crews agreed and have to test to put the source first to the tool in the rig floor just to be sure it works. The test was successfully done and it worked perfect for the back up tool (SN: 42736). The back up tool was re-initialized, put the sub on and extender and ready to pick up. While re-initializing the back up tool, the primary tool (SN: 43270) was laid down in the cantilever.

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Pick up back up tool, performed another SHT at 22:00 to confirm the RT communication. SHT was good, good communication between all the tools. Load the source with the funnel and RIH.

Summary

1. Non productive time to the client +/- 4 hrs.
2. D&M Schlumberger crew in the rig site had tried everything to load the source to the primary tool (SN: 43730) but still unable to put the source properly in the tool.
3. Pick up the back up tool (SN: 43736) and the source was loaded successfully.

Schlumberger D&M Rig Site Crew

1. Marganda Hasiholan Sihite
2. Dallas Perkins
3. Wissam Chehabi

Schlumberger

Failure Repor

29-Nov-200
2:50PI

Job Number: 08ASQ0031 **Company:** BEACH PETROLEUM LTD **Rig Name:** West Triton
Company Rep: Sean De Freitas; Peter Dane **Location:** MEA-APG-ASQ **Well Name:** PeeJay-1
Run Number: 3

Failure Number: 1

Fail Date: 25-Nov-2008 **Pump Hour @ Fail:** 23.00 **hrs**
Severity: Near **Drill Hours @ Fail:** 23.00 **hrs**
CAF: NO **Hours BRT @ Fail:** 30.50 **hrs**
Lost Rig Time: **hrs** **Depth @ Fail:** 1680.0 **m**

Failed Services:

GeoVision (Button Resistivity)

Failed Equipment:

RBDC-CA - 025

Failure Description and Symptoms

Completed By: Marganda Hasiholan Sihite

Date: 26-Nov-2008

The BHA was succesfully made consist of GVR8, TeleScope8, sonic8 and SADN8. Prior RIH the tool was SHT'ed and all the realtime communication was good and all the tools response are make sense. RIH and tag bottom at 1440 m.

At 24-Nov-2008 @ 2200 hrs, the hard formation drilled and giving a lot of shocks & vibration (stick and slip) to to the tool. The intermitten high shocks and vibrations were seen in the screen for 5 hours.

The hard formation was succesfully drilled at 0500 hrs @ 25-Nov-2008.

The shallow, deep button resistivities, ring and bit were transmitting in real time. At 25-Nov-2008 at 0800 hrs, the shallow button resistivity reading was not correlating to the other resistivity reading and next an hour the deep button also giving the same response. Both the shallow and deep button resistiviy failed at 0800 hrs and 0900 hrs.

Remedial Action Attempted on Location

Completed By: Marganda Hasiholan Sihite

Date: 26-Nov-2008

In terms of mitigating shocks and vibrations, the different methods were tried such as rotating in different RPM and WOB. Sometimes pick up off bottom to realease the torque. The fine tuning of drilling parameter kept trying to mitigate the shocks and vibrations and keep in touch with the driller.

In terms of shallow and deep button resistivites failure, the FSM was informed, discussed with OSC and informed the geologist and company man. It was decided to drill ahead with ring and bit resistivites on hand.

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Drilling & Measurements
Level 23 HWT Tower, 40 City Road
Southgate, Melbourne Vic.3006.

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NCR 1 - GVR Button Resistivity Failures

Client:	Beach Petroleum Ltd	**Run No.:**	BHA#2, Run #3
Rig:	West Triton	**Severity**:	
Location:	T/39P TAS	**QUEST Number:**	
Well:	PeeJay-1	**Schlumberger Lost:**	
Author(s):	Marganda Hasiholan Sihite	**Incident Date:**	25-Nov-2008
Job No.:	08ASQ0031	**Report Date:**	25-Nov-2008

Description	**GVR8 Failure Collar S/N: CA-025**

Objective:

RIH the BHA consisting of GVR8, TeleScope8, Sonic8 and SADN8 with milltooth bit. Mud was KCl/Polymer, acceptable mud weight is about 8.8 – 9.5ppg. The run is intended to find the reservoir as per correlation with existing well by using GR-RES-DEN-NEU-SON and to evaluate the reservoir (predicted base at 1600mMD).

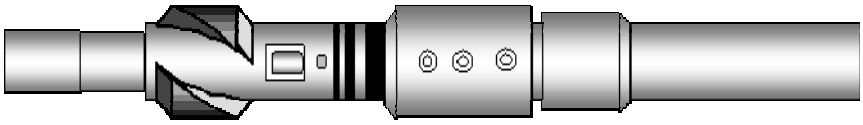

Figure 1 – GVR

The run started at 1454m MD until well TD at 2134m MD. The GVR Shallow Button, Deep Button, Ring and Bit Resistivities are transmitting in real time. At 1680mMD, the shallow button resistivity reading became is really erratic and it seems not correlating with the other resistivities reading. Few more meters to go, the deep button resistivity reading showing the same result. Both shallow button and deep button resistivities have failed.

Brief Description of Event:

BHA #3 was RIH and re-commenced drilling from 1454 m MD. Prior to RIH, the tools were SHT'ed good on the surface. During drilling, good signal and good real-time Data communication between

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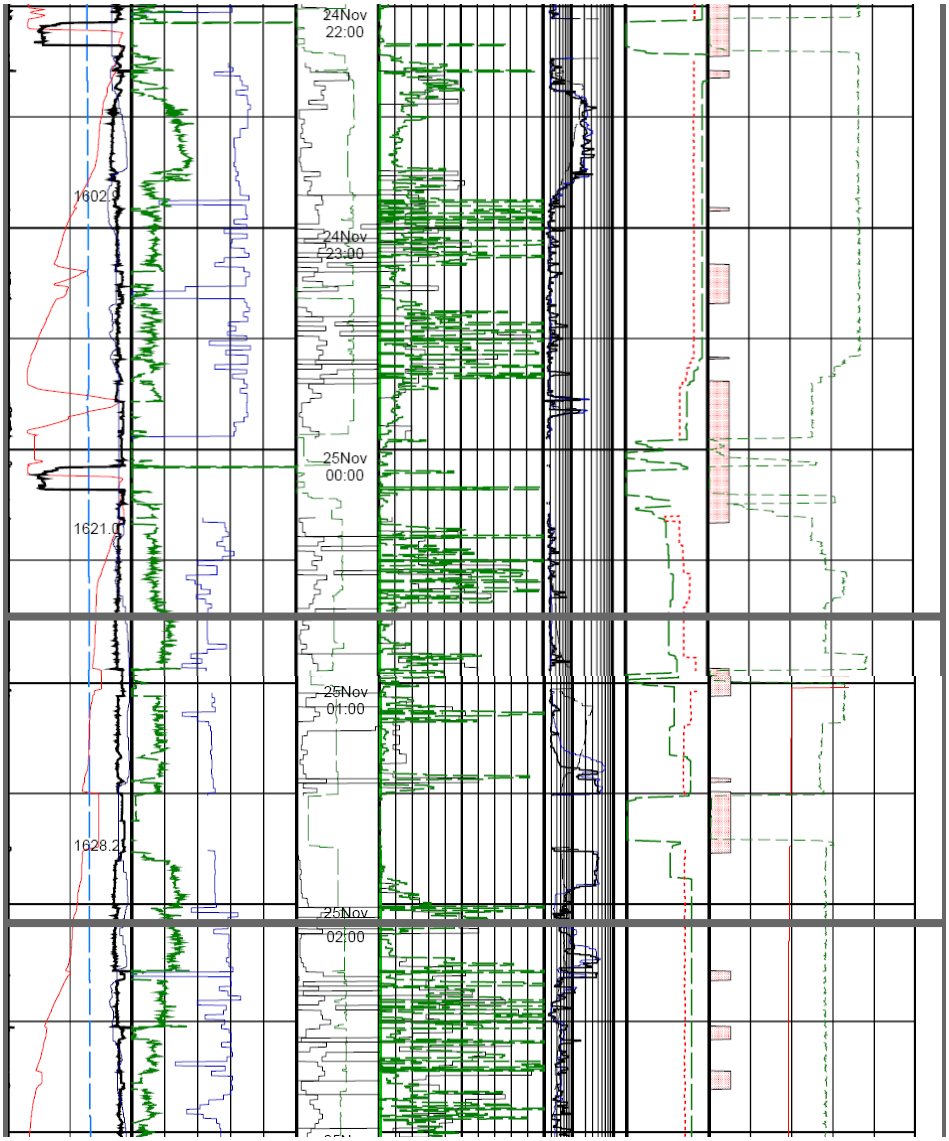
Drilling & Measurements
Level 23 HWT Tower, 40 City Road
Southgate, Melbourne Vic.3006.

TeleScope and GVR was acquired. There were no shocks and vibrations, resistivities reading were correlating one to each other.

At 24-Nov-2008 start at 2200 hrs local time, there was an episode of high shocks on the BHA as shown in the drilling mechanics log below which lasted for duration of about 5 hours. All measures taken to mitigate the severity of were unsuccessful.



After this incident, at 25-Nov-2008 at 0800 hours, the button resistivites reading are wrong (shallow button and deep button). The geologist and company man were informed as well as FSM in town. The decision to drill ahead was made by using ring and bit resistivities.

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Drilling & Measurements
Level 23 HWT Tower, 40 City Road
Southgate, Melbourne Vic.3006.

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Event Analysis/Diagnosis

Shop Analysis:

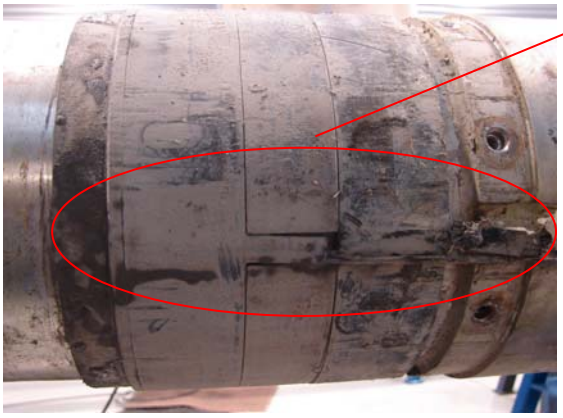
At the Shop the tool's button sleeve had been worn badly with the OD under-gauge and three sensors - Shallow, medium and deep sensors were peeled off and not re-usable.

On further inspection of the tool, the seal of the RBDC and RBBS got damaged beyond the 25% limit for repairs. The available room on both RBDC and RBBS for repair was less 0.25" (or 1/8" for each). The RBBS cannot be re-used if the seal damage is repaired due to the length will be shorter and would not match with collar so a new RBBS replacement is required.
Damage to the Lower Sensor during extreme drilling caused the sensor to be removed from its shield. Middle sensor got damage on the insulator ring; thus it failed on insulation test.

Damage seal on RBDC as well as RBBS.

Sleeve washes out

Lower Sensor Damage



This part supposed to be on its shield

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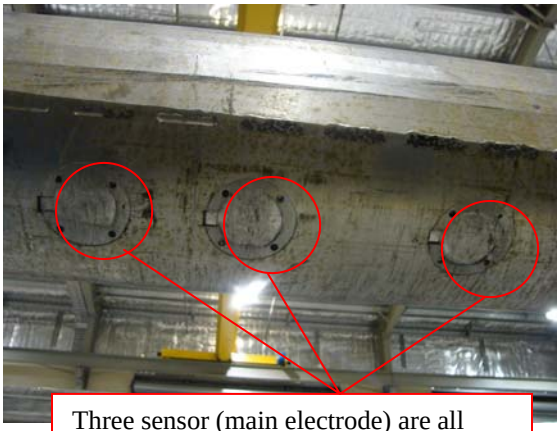
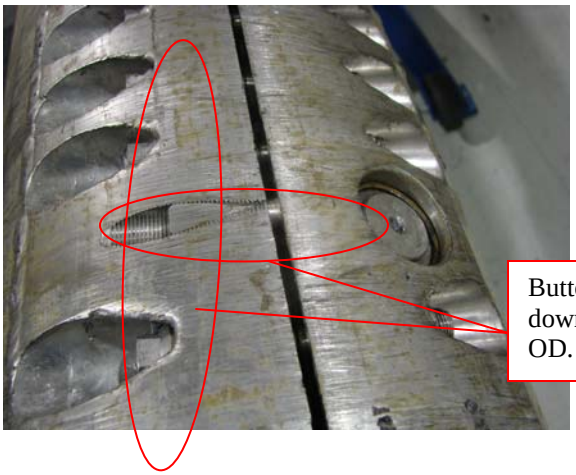
Schlumberger
Drilling & Measurements
Level 23 HWT Tower, 40 City Road
Southgate, Melbourne Vic.3006.

Schlumberger

Button Sleeve Damage



Three sensor (main electrode) are all gone i.e. see missing black rings, as seen on good sensors on the right.



Button Sleeve worn right down to the bolts on the OD.

Middle Sensor Damage

Damage Insulator.
Right Picture shows good insulators ie.the black bands

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Appendix 5

Mudlogging End of Well Report

BAKER HUGHES

INTEQ

FINAL WELL REPORT

Beach Petroleum Ltd

PeeJay-1

15 November 2008 – 29 November 2008

by

BAKER HUGHES INTEQ

The information, interpretations, recommendations, or opinions contained herein are advisory only and may be rejected. Consultant does not warrant their accuracy or correctness. Nothing contained herein shall be deemed to be inconsistent with, nor expand, modify or alter consultant's obligation of performance as provided for in a written agreement between the parties, or, if none, in consultant's most recent price list.

PeeJay-1

Final Well Report

Section 1 Well Summary

Section 2 Drilling and Engineering
- 2.1 Bit Run Summaries
- 2.2 Casing, Cementing and Suspension Summaries

Section 3 Geology and Shows
- 3.1 Geology Summary and Shows
- 3.2 Sampling Summary and Record of Distribution

Section 4 Pressure Evaluation
- 4.1 Pore Pressure Evaluation
- 4.2 Fracture Pressure Evaluation

Tables
- 1 - Bit Table
- 2 - Bit Hydraulics Table
- 3 - Time Depth Curve

Appendices

A - Formation Evaluation Log	1 : 200
B - Gas Ratio Plot	1 : 500
C - Drilling Data Pressure Plot	1 : 1000
D - Drilling Data Plot	1 : 1000

SECTION 1

WELL SUMMARY

1 Well Data Summary

Well Name	PeeJay-1
Rig Name:	West Triton
Rig Type:	Jack up
Drilling Contractor:	Seadrill
Drilling Datum:	Rotary Table
RT to AHD:	34.15 mMDRT
RT to Seabed:	112.15 mMDRT
Surface Coordinates:	Lat 040° 29’ 47.9007” S Long 146° 21’ 35.4353” E
Grid Coordinates: (GDA94, Zone 55)	E 445 754.686 N 5 516 921.312
Block:	T / 39P
Well Type:	Exploration
Spud Date:	15 November 2008
Spud Depth:	112.15 mMDRT
Total Depth:	2183.0 mMDRT / 2182.9 mTVDRT
TD Date:	27 November 2008
Well Status:	Plugged and Abandoned
Baker Hughes INTEQ Crew:	
Data Engineers:	Yeong Chen Wong, Ilyas A. Khan
Logging Geologists:	Amit Saxena, Samuel Drechsler
Sample Technicians:	Nicholas Sweeney, Yasir Jadoon

1.1 Well Summary

Baker Hughes INTEQ SLS provided formation evaluation, drill monitoring services for PeeJay-1 from 162.0 mMDRT, on 15 November 2008 to 2183.0 mMDRT / 2182.9 mTVDRT reached on 27 November 2008. Data was processed and stored using **Advantage version 2.10U2** software. All depths were measured depth below Rotary Table (mMDRT) referenced to Australian Height Datum (AHD) unless otherwise stated.

The PeeJay-1 prospect is located in the Bass Basin, approximately 50km from the north coast of Tasmania in 80m water. It is proposed to test a simple robust anticlinal structure located on the south-eastern margin of the Pelican Trough in the south central Bass Basin. The well was designed as vertical, targeting oil in the Early to Middle Miocene aged Upper Eastern View Group as its primary objective.

The well was spudded at 112.15 mMDRT using a 660mm (26”) bit with a 914mm (36”) hole opener. The 914mm (36”) hole section was drilled from 112.15 to 218.0 mMDRT with sea water followed by Hi-Vis sweeps and returns to sea bed. The 508mm (20”) conductor shoe followed by 762mm (30”) casing was set at 216.0 mMDRT.

The 406mm (16”) BHA was made up on MWD tools and the shoe drilled out at 216.0, the cement to 218.0 mMDRT. The 406mm (16”) hole was drilled to 810.0 mMDRT while pumping 7.95 m^3 (50bbl) Hi-vis sweeps every stand, with returns to seabed. The 340mm (13-3/8”) casing was run and set at 804.06 mMDRT. 22.58 m^3 (142 bbl) of 1.90 sg (15.8 ppg) Class G cement was mixed and pumped, with 13.28 m^3 (83.5 bbl) of mix fluid. Dart was released from cement head but there was no sign of the plug engaging. 1.59 m^3 (10 bbl) of seawater was pumped prior to displacing the cement with 58.67m^3 (369 bbl) of seawater. The plug failed to bump. 2068 kPa (300 psi) of differential pressure was bled off and the float held.

The 311mm (12-1/4”) BHA was made up on MWD tools and shallow tested at 230.0 mMDRT with 3028 lpm (800 gpm) and 6550 kPa (950 psi). The BHA was run in hole and tagged TOC at 781.0 mMDRT, drilled out plug, float, shoe at 804.06 mMDRT and cement to 810.0 mMDRT. 3.0m of new formation was drilled to 813.0 mMDRT, circulated and conditioned mud to 1.05 sg (8.8 ppg). After pulling back into the shoe, a Leak Off Test (LOT) was performed with 1.05sg (8.8ppg) mud yielding an Equivalent Mud Weight (EMW) of 1.86 sg (15.55 ppg). The bit continued drilling 311mm (12-1/4") hole from 813.0 to 1454.0 mMDRT. The bit was pulled out of the hole due to a sudden decrease in ROP. The BHA was pulled out of the hole without any losses and over pull. The bit cutting structure and blades were completely worn down to the bit body. A new 311mm (12-1/4”) bit, Hughes MXL-C30HDX, washed and reamed down from 1424.0 to 1454.0 mMDRT. The bit continued drilling 311 mm (12-1/4") hole from 1454.0 to well TD at 2183.0 mMDRT.

The cement plug #1 was set from 1360.0 to 1230.0 mMDRT. After waiting on the cement, washed down from 1230.0 mMDRT and tagged the top of the cement at 1260.0 mMDRT with 22.24 kN (5 klb). Cement plug #2 was set across the 340 mm (13-3/8”) casing shoe from 834.0 to 704.0 mMDRT. The final cement plug (cement plug #3) was set from 185.0 to 120.0 mMDRT.

SECTION 2

DRILLING & ENGINEERING

2.1 Drilling Summary

PeeJay-1
914mm (36”) x 660mm (26”) Hole Section
15 - 16 November 2008

Bit Run No. 1 Summary

Bit No.	RB1
Bit Size	660 mm
Bit Type	Rock / Reed YC11
Serial Number	D74635
Jets	3x22, 1x16
Depth In, mMDRT	112.15
Depth Out, mMDRT	218.0
Bit Grading	1-1-NO-A-E-I-NO-TD

Drilling Parameters

WOB kN	0.4	-	44.9
RPM Surf	117	-	120
Pump Pressure kPa	4554	-	5699
Flow In lpm	3607	-	3611
Torque kN.m	0.04	-	0.28

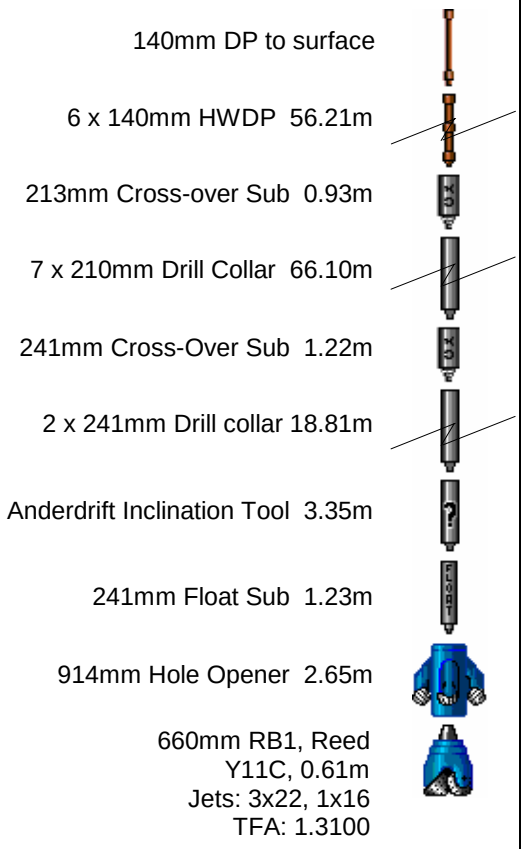
Mud
Sea water / hi-vis sweep 1.04 sg (8.7 ppg)

Lithology
Return to Seabed

Drilling Summary

The 914 mm (36”) BHA was made up on 660 mm (26”) bit and 914 mm (36") hole opener run in hole and tag seabed at 112.15 mMDRT. PeeJay-1 was spudded at 1830 hrs 15 November 2008. The bit drilled from 112.15 to 162.0 mMDRT. 11.92 m^3 (75 bbl) of hi-vis pill was pumped at every single drilled. Prior to pulling out of the hole, 33.39 m^3 (210 bbl) of prehydrated bentonite was spotted. The BHA was pulled out of the hole to make way for skidding and a jacking up operation. The BHA was then RIH back to 162.0 mMDRT and continued drilling to 218.0 mMDRT. 11.92 m^3 (75 bbl) of hi-vis pill was also pumped at every single drilled. The hole was cleaned with 31.80 m^3 (200 bbl) hi-vis sweep and then displaced hole with 79.49 m^3 (500 bbl) of prehydrated bentonite mud.

BHA No. 1: 151.18m



PeeJay-1
406mm (16”) Hole Section
18 - 19 November 2008

Bit Run No. 2 Summary

Bit No.	NB2
Bit Size	406mm
Bit Type	Hughes GXC1V
Serial Number	6065181
Jets	3x20
Depth In, mMDRT	218.0
Depth Out, mMDRT	810.0
Bit Grading	1-1-NO-A-E-I-NO-TD

Drilling Parameters

WOB kN	2.2	-	72.9
RPM Surf	77	-	156
Pump Pressure kPa	3416	-	16112
Flow In lpm	2271	-	4664
Torque kN.m	0.04	-	12.6

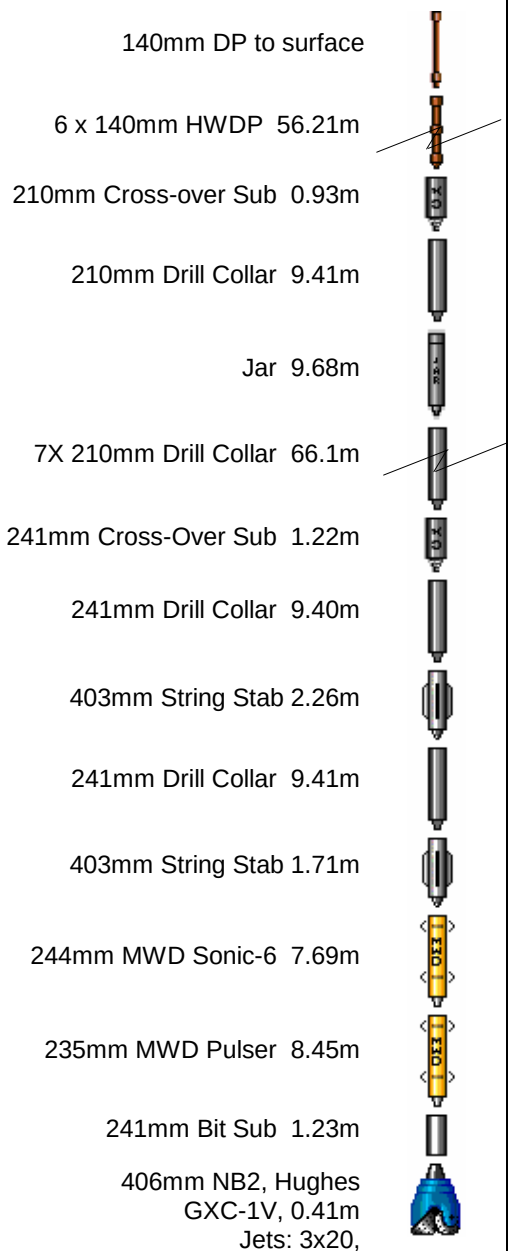
Mud
Sea water / hi-vis sweep 1.04 sg (8.7 ppg)

Lithology
Returns to seabed

Drilling Summary

The 406 mm (16”) BHA was made up on MWD tools and drilled out shoe at 216.0 and cement to 218.0 mMDRT. The 406 mm (16”) hole was drilled to 810.0 m while pumping 7.95 m^3 (50bbl) hi-vis sweeps every stand and returns to seabed. Reaming was done at every stand and surveys were taken at every 3 stands. 2 x 15.90 m^3 (100bbl) hi-vis sweeps were pumped and the hole was displaced with 111.29 m^3 (700 bbl) hi-vis mud prior to pulling out of hole.

BHA No. 2: 213.38m



PeeJay-1
311mm (12-1/4”) Hole Section
21 - 23 November 2008

Bit Run No. 3 Summary

Bit No.	NB 3
Bit Size	311 mm
Bit Type	Reed RSR616M-A16
Serial Number	218663
Jets	3x14, 3x13
Depth In, mMDRT	810.0
Depth Out, mMDRT	1454.0
Bit Grading	8-8-RO-A-X-2-NR-PR

Drilling Parameters

WOB kN	4.0	-	126.9
RPM Surf	62	-	151
Pump Pressure kPa	14228	-	20459
Flow In lpm	3679	-	4607
Torque kN.m	0.07	-	20.3

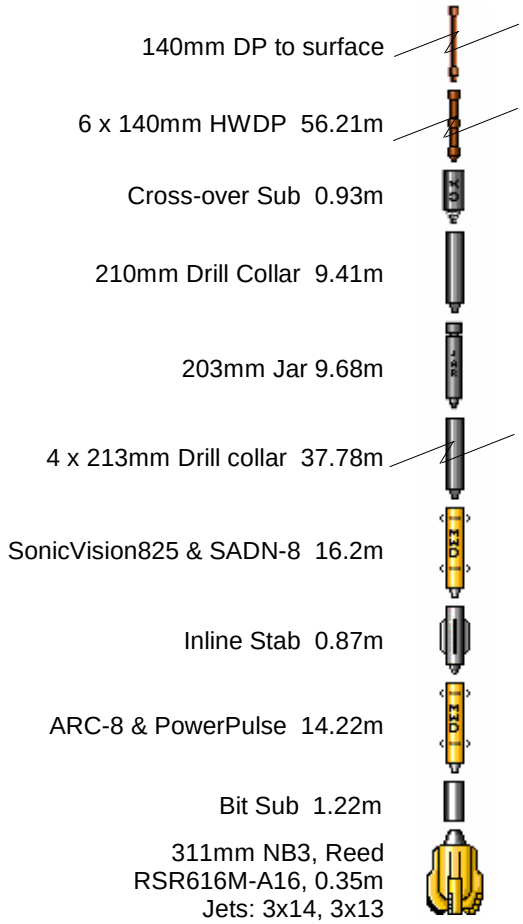
Mud
KCl / Polymer 1.05 - 1.14 sg (8.8 - 9.5 ppg)

Lithology
Limestone, Claystone, Sandstone. Siltstone & Coal

Drilling Summary

The 311 mm (12-1/4”) BHA was made up on MWD tools and shallow tested at 146.0 mMDRT with 3028 lpm (800 gpm) and 6550 kPa (950 psi). The BHA was RIH and tagged TOC at 781.0 mMDRT, drilled out plug, float, shoe at 804.06 mMDRT and cement to 810.0 mMDRT. Drilled 3.0m new formation to 813.0 mMDRT, circulated and conditioned mud to 1.05 sg (8.8 ppg). Pulling back into the shoe, a Leak Off Test (LOT) was performed with 1.05 sg (8.8 ppg) mud yielding an Equivalent Mud Weight (EMW) of 1.86 sg (15.55 ppg). The bit continued drilling 311 mm (12-1/4") hole from 813.0 to 1454.0 mMDRT. The bit was pulled out of hole due to a sudden decrease in ROP. The BHA was pulled out of hole without any losses and over pull. The bit cutting structure and blades were completely worn down to bit body.

BHA No. 3: 146.87m



PeeJay-1
311mm (12-1/4") Hole Section
24 - 28 November 2008

Bit Run No. 4 Summary

Bit No.	NB4
Bit Size	311 mm
Bit Type	Hughes MXL-C30HDX
Serial Number	6069569
Jets	3x20
Depth In, mMDRT	1454.0
Depth Out, mMDRT	2183.0
Bit Grading	4-6-BT-A-E-I-CT-TD

Drilling Parameters

WOB kN	1.3	-	222.2
RPM Surf	87	-	169
Pump Pressure kPa	13579	-	22956
Flow In lpm	2585	-	4645
Torque kN.m	0.18	-	53.8

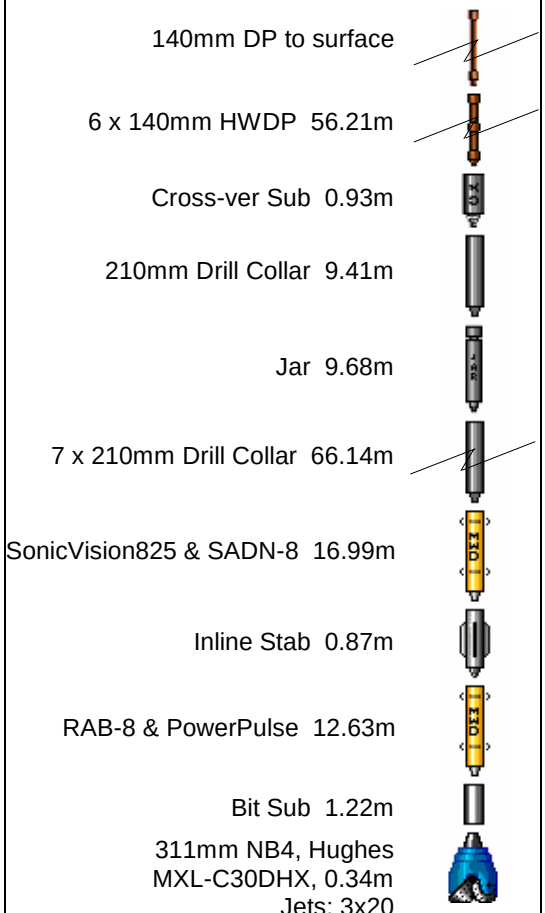
Mud
KCl / Polymer 1.14 sg (9.5 ppg)

Lithology
Claystone, Coal, Sandstone & Volcanics.

Drilling Summary

The 311mm (12-1/4") Hughes bit was made up on MWD tools and shallow tested with 3028 lpm (800 gpm) and 6895 kPa (1000 psi). The bit washed and reamed down from 1424.0 to 1454.0 mMDRT. The bit continued drilling 311 mm (12-1/4") hole from 1454.0 to well TD at 2183.0 mMDRT. The hole was circulated clean with 4542 lpm (1200 gpm) and 22063 kPa (3200 psi). The bit was pulled out of hole wet from 2184.0 m to 1947.0 m. Then 3.97 m^3 (25 bbl) of 1.35 sg (11.3 ppg) slug was pumped and chased with 1.59 m^3 (10 bbl) 1.14 sg (9.5 ppg) mud before the BHA was pulled out of hole.

BHA No. 4: 174.42m



2.2 Casing and Cementing

PeeJay-1
762 mm (30”) x 508 mm (20”) Conductor
16 - 17 November 2008

Hole Size: 914 mm (36")
Depth: 218.0 mMDRT

Casing Details

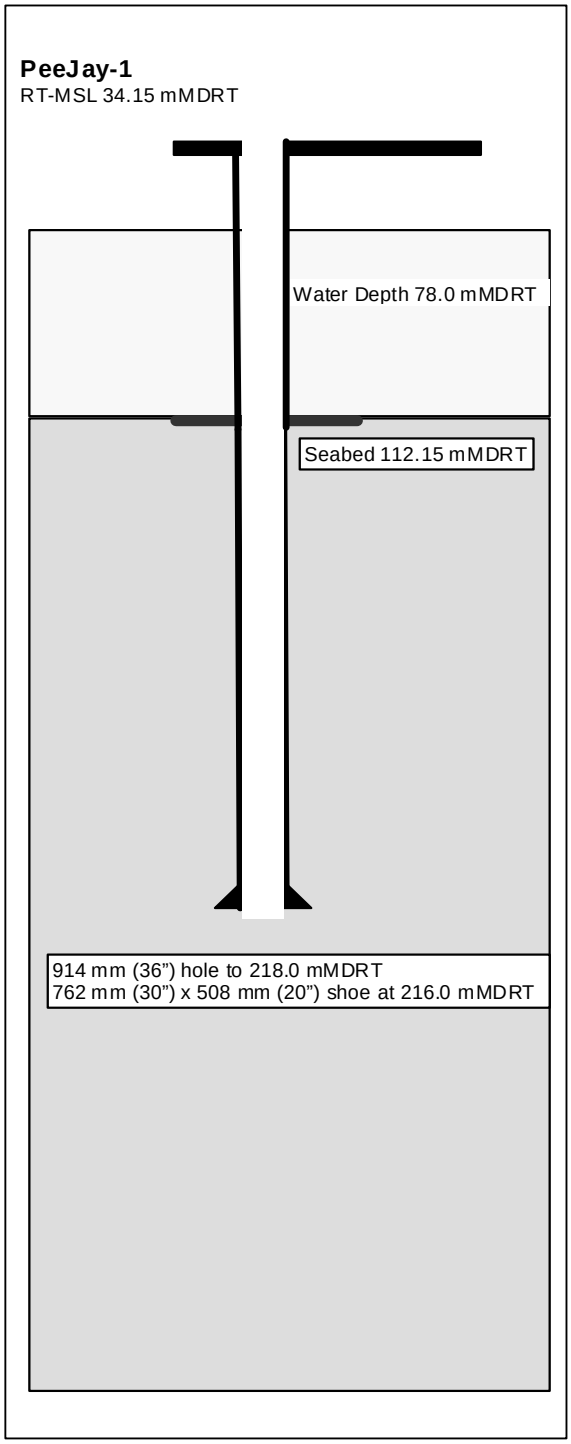
ID 711 mm (28”)
Grade / Wt: X-52: 310 kg/m
Joints: 19 x 762mm Jt
Shoe: 216.0 mMDRT

Cement Details

SLURRY:
Type: Class G
Weight: 1.90 sg (15.9 ppg)
Slurry Vol: 12.72 m^3 (80 bbl)

Summary

A total of 19 joints of 762 mm (30”) and 1 joint of 762 mm (30”) shoe joint of casing were run in hole with the shoe set at 216.0 mMDRT. The casing reached bottom with no problems. 1.59 m^3 (10 bbl) of seawater spacer was pumped and cement lines were pressure tested to 6895 kPa (1000 psi) prior to cement job. 14.31 m^3 (90 bbl) of seawater spacer was pumped later but no returns were observed at seabed with the ROV. The stinger was removed and attempted to establish returns while stroking CTU up/down 229mm (9”) but no success. Cement unit later pumped 0.32 m^3 (2 bbl) of seawater ahead and pressure surface lines to 6895 kPa (1000 psi). Then 12.72 m^3 (80 bbl) of 1.90 sg (15.9 ppg) Class G was mixed and pumped at 0.79 m^3/min (5 bbl/min) with 6.84 m^3 (43 bbl) of mix fluid. The cement was displaced with 2.07 m^3 (13 bbl) of seawater. Final pumping pressure at the end of displacement was 1517 kPa (220 psi).



PeeJay-1
340 mm (13-3/8”) Casing
19 - 20 November 2008

Hole Size: 406 mm (16")
Depth: 810.0 mMDRT

Casing Details

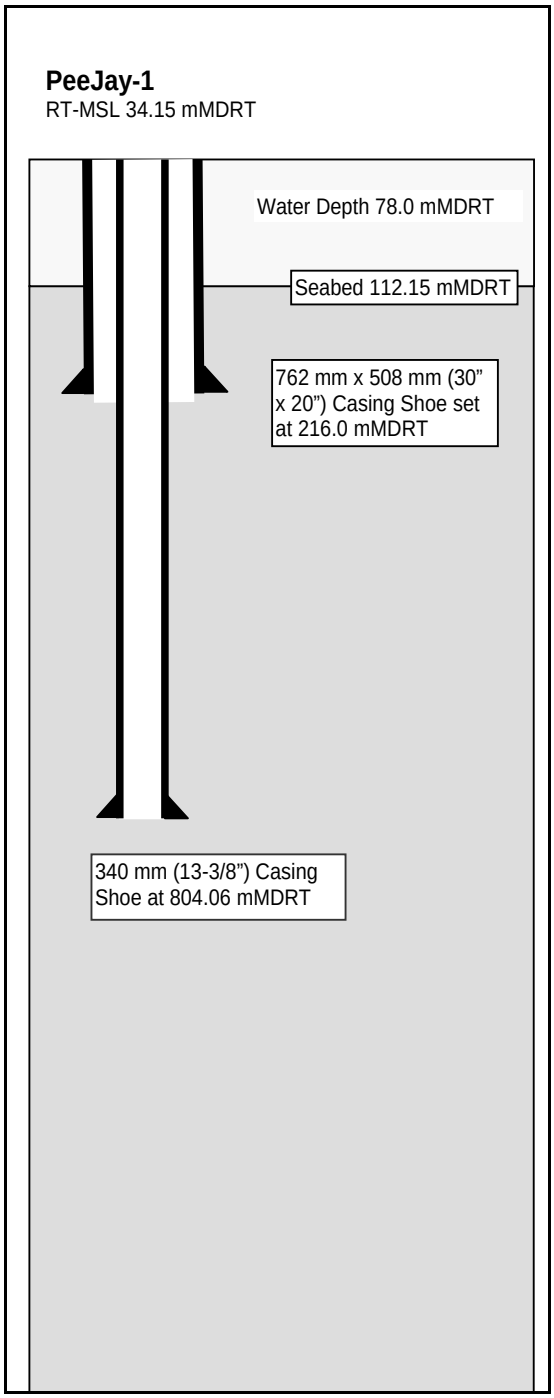
OD 340 mm (13-3/8””)
Grade / Wt: N80: 101 kg/m
Joints: 1 Shoe joint
1 Float Collar joint
65 x Casing joints
Shoe: 804.06 mMDRT

Cement Details

SLURRY:
Type: Class G
Weight: 1.89 sg (15.8 ppg)
Slurry Vol: 22.58 m^3 (142 bbl)

Summary

A total of 65 joints of 340mm (13-3/8”) casing, float collar joint, pup joints and shoe track were run in hole with the shoe set at 840.06 mMDRT. The casing was run as per tally, filling up every joint with sea water. The casing reached bottom with no problem. The cement lines were pressure tested to 20684 kPa (3000 psi) prior to cement job. 9.54 m^3 (60 bbl) of drill water was pumped after that. 22.58 m^3 (142 bbl) of 1.90 sg (15.8 ppg) Class G cement was mixed and pumped, with 13.28 m^3 (83.5 bbl) of mix fluid. Dart was released from cement head but no sign of engaging plug. 1.59 m^3 (10 bbl) of seawater was pumped prior to displacing cement with 58.67m^3 (369 bbl) of seawater. Plug failed to bump. 2068 kPa (300 psi) differential pressure was bled off and the float was holding.



PeeJay-1
Cement Plug
28 - 29 November 2008

Hole Size: 311 mm (12-1/4")
Depth: 2183.0 MDRT

Cement Details

CEMENT PLUG #1:
- Type: Class G
- Weight: 1.89 sg (15.8 ppg)
- Slurry Vol: 12.98 m^3 (84 bbl)

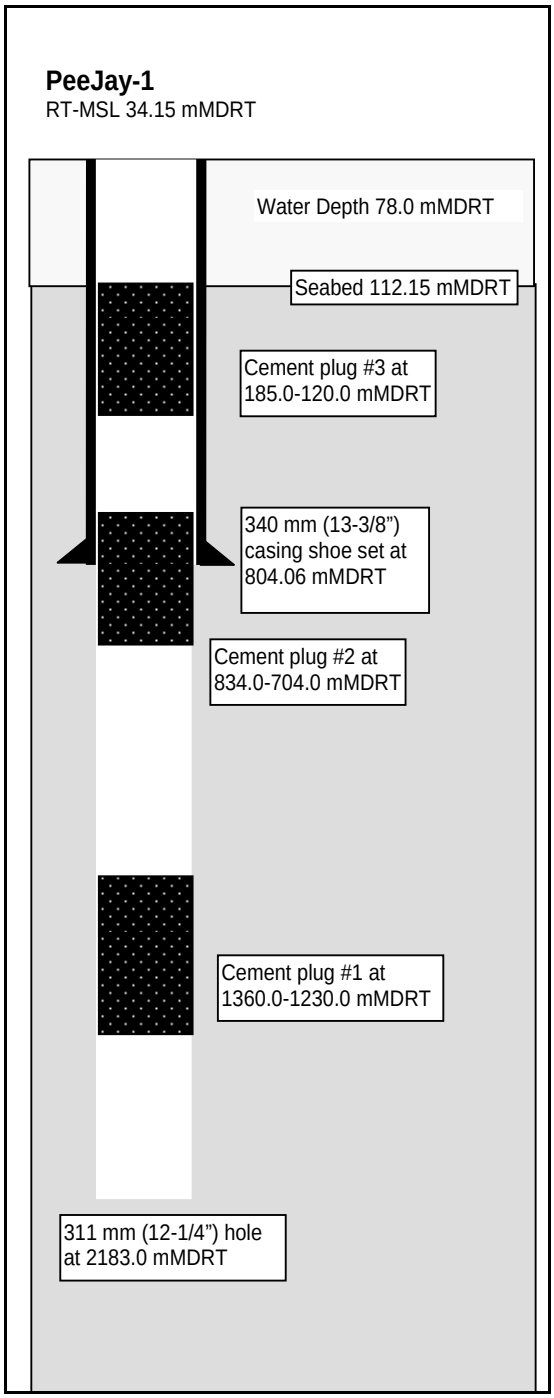
CEMENT PLUG #2:
- Type: Class G
- Weight: 1.89 sg (15.8 ppg)
- Slurry Vol: 11.13 m^3 (70 bbl)

CEMENT PLUG #3:
- Type: Class G
- Weight: 1.89 sg (15.8 ppg)
- Slurry Vol: 25.44 m^3 (160 bbl)

Summary:

The cement stinger made up of 140 mm (5-1/2") drill pipe was run in hole to 1449.0 mMDRT. Circulate bottom's up prior to cement job. 5515 kPa (800 psi) spike was observed when bringing pumps up to speed. There were minimum returns to the shakers and no returns to the active pit. Downhole losses occurred with 31.84 m^3 (194 bbl) lost down hole. 7.95 m^3 (50 bbl) hi-vis pill was spotted from 1460.0 m to 1360.0 m.

The cement plug #1 was set from 1360.0 to 1230.0 mMDRT. After waiting on cement, washed down from 1230.0 mMDRT and tagged top of cement at 1260.0 mMDRT with 22.24 kN (5 klb). Cement plug #2 was set across the 340 mm (13-3/8") casing shoe from 834.0 to 704.0 mMDRT. After WOC, the 340 mm (13-3/8") casing was pressure tested against the shear rams at 9308 kPa (1350 psi) for 10min. The final cement plug (cement plug #3) was set from 185.0 to 120.0 mMDRT.



SECTION 3

GEOLOGY & SHOWS

3.1 ROP, Gas and Shows

Geological logging for PeeJay-1 commenced at 810.0 mMDRT, below the 340 mm (13-3/8'') casing shoe at 804.06 to the total depth of 2183.0 mMDRT. (All depths given in this section are measured from the Rotary Table, unless otherwise specified).

During the course of the well all gas equipment were checked and calibrated regularly, and spot samples were taken during drilling breaks and other changes in drilling parameters to better assess lithological change. Drilled gas, trip gas, connection gas, re-circulated gas and swab gas levels were monitored.

The lithology of PeeJay-1 is described below. For more detailed descriptions, see Appendix 1: Formation Evaluation Log. Please note that the descriptions on the Formation Evaluation Log were provided by the Beach Petroleum Wellsite Geologists.

DITCH CUTTING SAMPLING INTERVAL

Depth (mMDRT)	Sample interval	Sample Type
810.0 – 1000.0	10m	normal
1000.0 – 1300.0	5m	normal
1300.0 – 2182.0	3m	normal
2182.0 – 2183.0	1m	normal

Missed samples: 1348.0, 1405.0 mMDRT

FORMATION DESCRIPTION

810.0 to 1170.0 mMDRT / ROP 4.8 - 179.4m/hr (Ave 64.6)

CLAYSTONE (60-100%): Medium dark grey to olive grey, rarely greenish grey, fine to medium, slightly to moderately calcareous, moderately firm to very coarse, subblocky to blocky, slightly silty in parts, trace carbonaceous specks, commonly grading to calcilutite. Trace nodular pyrites, soft to firm, plastic in part, minor amorphous to dominantly sub blocky.

LIMESTONE (0-40%): brown grey to dark yellow brown grey, fine to medium, coarse in part, slightly dolomitic, common coralline fragments, brittle to hard in part, blocky.

1170.0 to 1254.0 mMDRT / ROP 21.3 - 79.3 (Ave 62.7)

CLAYSTONE (0-100%): Olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft to plastic in part, sub blocky to rarely blocky in part, dominantly grading to Siltstone

SILTSTONE (0-60%): olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft, plastic in part, subblocky in part, rare Foraminifera

LIMESTONE (5-10%): Calcisiltite, yellow brown, off white, trace to common Bryozoa, trace coralline fragments, microcrystalline, brittle to hard

SANDSTONE (10-70%): Brownish grey, transparent to translucent quartz grains, trace yellow brown staining, dominantly fine, rarely medium to coarse, moderate to well sorted, subangular to well rounded, dominantly subangular to subrounded, no visible cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly disaggregated

1254.0 to 1328.0 mMDRT / ROP 12.5 - 68.5m/hr (Ave 51.5)

CLAYSTONE (0-100%): Medium dark grey to dark grey, non to very slightly calcareous, minor to common micro pyritic, silty in part, soft, plastic to minor subblocky in part.

SILTSTONE (0-100%): Medium dark grey to dark grey, non to very slightly calcareous, trace pyritic, rare Foraminifera, argillaceous in part, grading to Claystone in part, soft to firm, rare to trace plastic, dominantly subblocky, trace blocky

SANDSTONE (0-60%): Brownish grey, transparent to translucent quartz grains, trace yellow brown staining, dominantly fine grained, very well sorted, subrounded, spherical, no visible cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly disaggregated

1328.0 to 1600.0 mMDRT / ROP 1.3 - 123.8m/hr (Ave 32.6)

CLAYSTONE (0-100%): Brown grey to medium dark grey to olive grey to olive black, very silty, grades to argillaceous siltstone in part, common very fine quartz sand, slightly micro micaceous, soft to firm, occasionally shelly debris, trace lithic fragments, slightly dispersive, blocky, subfissile in part, trace carbonaceous material, slightly calcareous, massive

SANDSTONE (0-100%): Light olive grey, transparent to translucent quartz grains, very fine to fine, well sorted, subangular to subrounded, spherical, weak calcareous cement, minor dolomitic cement, minor argillaceous and silty matrix, minor friable aggregates, trace Fe stained quartz, friable to predominantly disaggregated, dominantly disaggregated, common shell fragments, trace nodular pyrite, fair inferred porosity, poor to fair visible porosity to yellow gold mineral fluorescence,, no shows

Quartzose, clear to translucent, frosted, light brown grey in part, medium to predominantly coarse to very coarse, granular in part, angular to subangular, poor sorting, locally strong dolocalcareous cement, trace siderite cement, common granular fractured milky quartz, trace nodular pyrite, rare quartz overgrowths, locally hard aggregates, predominantly disaggregated, poor to fair porosity, 50% moderately bright pale yellow gold mineral fluorescence, no cut, no stain

COAL (0-90%): Dark brown to black, sub bituminous, vitreous luster, concoidal fracture, rare quartz sand inclusions, blocky, brittle, hard

1600.0 to 2183.0 mMDRT / ROP 2.4 - 40.5m/hr (Ave 19.3)

CLAYSTONE (0-100%): Brown black to olive grey, non to slightly calcareous, very silty/arenaceous, common lithic fragments, micro micaceous, trace carbonaceous material, firm, massive, blocky in part. lithic fragments, waxy texture in part, calcareous cement, disaggregated, no fluorescence

SANDSTONE (0-100%): Quartzose, medium dark grey to olive grey, very fine to fine, occasionally medium, subangular to subrounded, well sorted, weak calcareous cement, silty/argillaceous matrix in part, trace to common muscovite, micro micaceous, trace lithic fragments, friable to disaggregated, dominantly disaggregated quartz, float to common float, trace carbonaceous material, common greenish grey argillaceous matrix, very calcareous cement in part, moderately hard to hard aggregates, very poor porosity to fair porosity, no fluorescence

COAL (0-100%): Black, bituminous, subvitreous to vitreous luster, platy to subconchoidal fracture, brittle, blocky to fissile in part.

DOLERITE (0-100%): Dark greenish grey to olive grey, stained, coarse crystalline, welded grain boundaries, very fine groundmass in part, crystal assemblage includes, plagioclase, quartz, hornblende and olivine, hard, blocky. trace intercrystalline pyrite, hard, blocky

Gas and ROP Readings for PeeJay-1

Interval (mMDRT)	Total Gas range Min-max (unit)	Total Gas Average (unit)	ROP Range (m/hr)	ROP Average (m/hr)
810.0 – 1170.0	0.10 – 2.77	0.85	4.8 - 179.4	64.6
1170.0 – 1254.0	0.30 – 2.40	1.20	21.3 - 79.3	62.7
1254.0 – 1328.0	0.18 – 2.13	0.74	12.5 - 68.5	51.5
1328.0 – 1600.0	0.03 – 0.85	0.35	1.3 - 123.8	32.6
1600.0 – 2183.0	0.04 – 25.34	1.03	2.4 - 40.5	19.3

Gas Peak readings for PeeJay-1

311mm (12-1/4") Hole Section

Depth Interval (mMDRT)	Total Gas (unit)	Depth Max Gas (mMDRT)	C1 Range (ppm)	C2 Range (ppm)	C3 Range (ppm)	iC4 Range (ppm)	nC4 Range (ppm)	iC5 Range (ppm)	nC5 Range (ppm)	Gas Peak Type & Number
810.0 – 1170.0	0.10 – 2.77	1112	2 – 492	0 – 4	0 – 2	0	0	0	0	Formation Gas
1170.0 – 1254.0	0.30 – 2.40	1251	2 – 424	1 – 10	0 – 3	0	0	0	0	Formation Gas
1254.0 – 1328.0	0.18 – 2.13	1254	9 – 404	1 – 8	0 – 2	0	0	0	0	Formation Gas
1328.0 – 1600.0	0.03 – 0.85	1537	2 – 234	0 – 7	0 – 4	0	0	0	0	Formation Gas
1600.0 – 2183.0	0.04 – 25.34	1939	2 – 3713	0 – 341	0 – 131	0 – 31	0 - 14	0 – 5	0 – 4	Formation Gas

3.2 Sampling Summary and Record of Distribution

SPLIT SAMPLES

Sample Type	Box No.	Set	Total Box	Depth (mMDRT)	Interval
Washed and dried Cutting Samples **Split into 4 x 200g plastic bags.**	1	A, B, C,D	4	810.0 - 950.0	10m
				950.0 - 1045.0	10m (950.0-1000.0) 5m (1000.0-1045.0)
				1045.0 - 1115.0	5m
				1115.0 - 1180.0	5m
	2	A, B, C,D	4	1180.0 - 1245.0	5m
				1245.0 - 1306.0	5m (1245.0-1300.0) 3m (1300.0-1306.0)
				1306.0 - 1339.0	3m
				1339.0 - 1381.0	3m
	3	A, B, C,D	4	1381.0 - 1423.0	3m
				1423.0 - 1471.0	3m
				1471.0 - 1519.0	3m
				1519.0 - 1528.0	3m

missed sample:1348.0, 1405.0 mMDRT

Total Boxes: 12

SAMPLES TO BE SPLIT

Sample Type	Large Box No.	Depth (mMDRT)
Washed and dried Cutting Samples **To be Split into 4 x 200g**	Box 2	1531.0 – 1552.0
	Box 3	1555.0 – 1576.0
	Box 4	1579.0 – 1600.0
	Box 5	1603.0 – 1624.0
	Box 6	1627.0 – 1648.0
	Box 7	1651.0 – 1672.0
	Box 8	1675.0 – 1696.0
	Box 9	1699.0 – 1720.0
	Box 10	1723.0 – 1744.0
	Box 11	1747.0 – 1768.0
	Box 12	1771.0 – 1792.0
	Box 13	1795.0 – 1816.0
	Box 14	1819.0 – 1840.0
	Box 15	1843.0 – 1864.0
	Box 16	1867.0 – 1888.0
	Box 17	1891.0 – 1912.0
	Box 18	1915.0 – 1936.0
	Box 19	1939.0 – 1960.0
	Box 20	1963.0 – 1984.0
	Box 21	1987.0 – 2008.0
	Box 22	2011.0 – 2032.0
	Box 23	2035.0 – 2056.0
	Box 24	2059.0 – 2080.0
	Box 25	2083.0 – 2104.0
	Box 26	2107.0 – 2128.0
	Box 27	2131.0 – 2152.0
	Box 28	2155.0 – 2176.0
	Box 29	2179.0 – 2183.0

Total Boxes: 28

Samples final destination:

SET NUMBER	SAMPLE TYPE	DESTINATION
Set A, B, C, D and samples to be split	Washed and dry cuttings	**All samples forwarded to** Beach Petroleum C/o Challenger Geological Services Pty Ltd. 13 A Weaver St , Edwardstown SA 5039

SECTION 4

PRESSURE EVALUATION

4.1 Pore Pressure Evaluation

PeeJay-1

Whilst drilling PeeJay-1, a seawater density of 1.04 sg (8.7 ppg) was assumed as normal saline pressure gradient for all calculations. The equivalent depth method was applied in the Dxc analysis, with all the relevant data, such as connection gas, trip gas, background gas, hole condition, and mud flowline temperature all taken into consideration in the analysis of the formation pore pressure.

914mm (36") / 660mm (26") Hole section: 112.15 – 218.0 mMDRT
This hole section was drilled riserless utilizing seawater and Pre-hydrated Gel sweeps. Pore pressure analysis was based roughly on hole condition and observations by the ROV for the presence of shallow gas. No hole problem was encountered in drilling this section while the ROV did not report any indication of shallow gas. The hole was drilled vertically in this section and drilling initially made use of jetting prior to setting the 762 mm (30") x 508 mm (20") conductor.

406mm (16") Hole Section: 218.0 – 810.0 mMDRT
This hole section was drilled riserless utilizing seawater and Pre-hydrated Gel sweeps to 810.0 mMDRT. Pore pressure analysis was based roughly on hole condition and observations by the ROV for the presence of shallow gas. No hole problem was encountered in drilling this section while the ROV did not report any indication of shallow gas. The hole was drilled vertically. The resulting Dxc values showed a general increasing value with depth which indicates a normally pressured formation.

311mm (12-1/4") Hole Section: 810.0 – 2183.0 mMDRT
Using WBM, this hole section was drilled to the well's total depth using one PDC bit and one Insert bit. Using the first PDC bit, the rate of penetration averaged at 40 m/hr (controlled drilling) from 810.0 to 1452.0 mMDRT and slowing down to around 1 m/hr in the from 1452.0 to 1454.0 mMDRT. From 1454.0 mMDRT to TD the average ROP is 11.4 m/hr. The resulting Dxc values were therefore well scattered but nevertheless showed a general increased value with depth which indicate a normally pressured formation.

The flowline temperature ranged from 27degC to 70degC in the hole section. The low mud temperature reading is attributed to the cooling effect of seawater into the mud column in the riser. This and the numerous trips and the occasional addition of fresh mud from the mixing and reserve pits rendered this tool of limited use in predicting pore pressure increase.

The Dxc plot of this hole section showed a general increasing trend with depth, and the data points were less scattered and the trend steeper compared to the 406mm (16") hole section. Occasional deviations to the normal trend which would point to an increase in pore pressure can be attributed to some changes in lithology and also to occasional wide variations in the drilling parameters.

Based on the Dxc signature and supported by a steady background gas and no connection gas there is no indication of an increase in pore pressure. The WBM mud, with density range from 1.05 sg (8.8 ppg) to 1.14 sg (9.5 ppg), used in drilling the section, was therefore sufficient in countering any abnormal pressure in the well.

4.2 Fracture Pressure Evaluation

The well was spudded at 112.15 mMDRT using a 914 mm (36") hole opener made up on 660 mm (26") bit. The 660 mm (26") hole section was drilled from 112.15 to 218.0 mMDRT with sea water followed by Hi-Vis sweeps and returns to sea bed. The 762 mm (30") x 508 mm (20") casing was then set and cemented at 216.0 mMDRT. No LOT/FIT was conducted at the 762 mm (30") x 508 mm (20") casing shoe.

The 406 mm (16") BHA was made up on MWD tools and drilled out shoe at 216.0 and cement to 218.0 mMDRT. The 406 mm (16") hole was drilled to 810.0 mMDRT while pumping 7.95 m^3 (50 bbl) Hi-vis sweeps every stand and returns to seabed. The 340 mm (13-3/8") casing shoe was set at 804.06 mMDRT and cemented as per plan.

The 311 mm (12-1/4") BHA was made up on MWD tools and shallow tested at 3028 lpm (800 gpm) and 6550 kPa (950 psi). BHA 3 was run in hole and tagged TOC at 781.0 mMDRT, drilled out plug, float, shoe at 804.06 and cement to 810.0 mMDRT. Drilled 3.0 m new formation to 813.0 mMDRT, circulated and conditioned mud to 1.05 sg (8.8 ppg). Lined up and performed LOT. Formation broke down at 6398 kPa (928psi) - EMW 1.86 sg (15.55ppg).

Drilled 311mm (12-1/4") hole from 853.0 to 2183.0 mMDRT using 2 bits with mud weight gradually increased from 1.05 sg (8.8ppg) to 1.14 sg (9.5ppg), without any hole problems.

The following is a summary of the Leak off Test (LOT) conducted in this well:

Hole Size	Hole Depth	Casing	Shoe Depth	Pressure	Mud Weight	EMW
311mm (12-1/4")	813.0 mMDRT 812.96 mTVDRT	13-3/8"	804.06 mMDRT 804.01 mTVDRT	6398 kPa 928 psi	1.05 sg 8.8 ppg	1.86 sg 15.55 ppg

TABLES

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TIME DEPTH CURVE

OPERATOR	Beach Petroleum Ltd	WELL NAME	PeeJay-1	LOCATION	T / 39P	CONTRACTOR	Seadrill	RIG	West Triton

Mud Pump Data
Pumps 1, 2, and 3
165 mm 6.5" Liners
355 mm 14" Stroke
97% Efficiency, 26.5 litre/stk
(0.139 bbl/stk)

BIT DULL CHARACTERISTICS

BC - Broken Cone	CI - Cone Interference	JD - Junk Damage	PB - Pinched Bit	SS - Self-Sharpening
BT - Broken Teeth	CR - Cored	LC - Lost Cone	PN - Plugged Nozzle	TR - Tracking
BU - Balled Up	CT - Chipped Teeth	LN - Lost Nozzle	RG - Rounded Gauge	WO - Washed-Out Bit
CC - Cracked Cone	FC - Flat Crested Wear	LT - Lost Teeth	RO - Ring Out	WT - Worn Teeth
CD - Cone Dragged	HC - Heat Checking	OC - Off-Center Wear	SD - Shirttail Damage	NO - No Dull Characs.

REASONS PULLED

BHA - Bottomhole Assembly	LOG - Run Logs	FM - Formation Change	TD - Total / Csg depth
DMF - Downhole Motor failure	RIG - Rig repair	HP - Hole Problems	TQ - Torque
DSF - Drill String failure	CM - Condition Mud	HR - Hours	TW - Twist-Off
DST - Drill Stem Test	CP - Core Point	PP - Pump Pressure	WC - Weather Conditions
DTF - Downhole Tool Failure	DP - Drill Plug	PR - Penetration rate	WO - Washout - Drill String

BHA #	BIT No.	MAKE	TYPE	TFA sq.in.	JETS x 1/32"	SERIAL No.	DEPTH IN m	METRES ON BIT	HRS ON BOTTOM	AV ROP m/hr	CIRC HRS	WOB kN	RPM Surf/Motor	TBR krev	SPP kPa	FLOW lpm	TQ kN.m	GRADE I	O	D	L	B	G	O	R	MW sg	REMARKS
			PeeJay-1																								
	914mm (36") Hole section 111.0 - 218.0 mMDRT																										
1	RB1	Reed	Rock / Y11C	1.3100	3x22, 1x16	D74635	112.2	105.9	3.9	27.1	8.3	0.4 - 44.9	117 - 120	15.3	4554-5699	3607-3611	0.04-0.28	1	1	NO	A	E	I	NO	TD	1.04 (SW)	30" Casing Point
	406mm (16") Hole Section 218.0 - 810.0 mMDRT																										
2	NB2	Hughes	Rock / GX-1V	0.9204	3x20	6065566	218.0	592.0	11.6	51.0	20.4	2.2 - 72.9	77 - 156	97.6	3416-16112	2271-4664	0.04-12.6	1	1	NO	A	E	I	NO	TD	1.04 (SW)	13-3/8" Casing Point
	311mm (12-1/4") Hole Section 810.0 - 2183.0 mMDRT																										
3	NB3	Reed	PDC / RSR616M-A16	0.8399	3x14, 3x13	218663	810.0	644.0	17.6	36.6	27.7	4.0 - 126.7	62 - 151	144.1	14228-20459	3679-4607	0.07-20.3	8	8	RO	P	X	2	NR	PR	1.05 - 1.14	Bit Trip
4	NB4	Hughes	MXL-C30HDX	0.9204	3x20	6069569	1454.0	729.0	64.2	11.4	78.0	1.3-222.2	87 - 169	551.2	13579-22956	2585-4645	0.18-53.8	4	6	BT	A	E	I	CT	TD	1.14	Well TD
					RT-AHD (m)		34.15 mMDRT																				

BAKER HUGHES INTEQ

Bit Hydraulics Summary

BEACH PETROLEUM

Operator	Well Name	Location	Drilling Contractor	Rig
Beach Petroleum Ltd	**PeeJay-1**	**T/39P**	**Seadrill**	**West Triton**

Drillstring Abbreviations

N Normal
M MWD
P Positive Displacement Motor
A Adjustable Gauge Stabilizer
S Powerdrive
T TRACS Tool
C Core

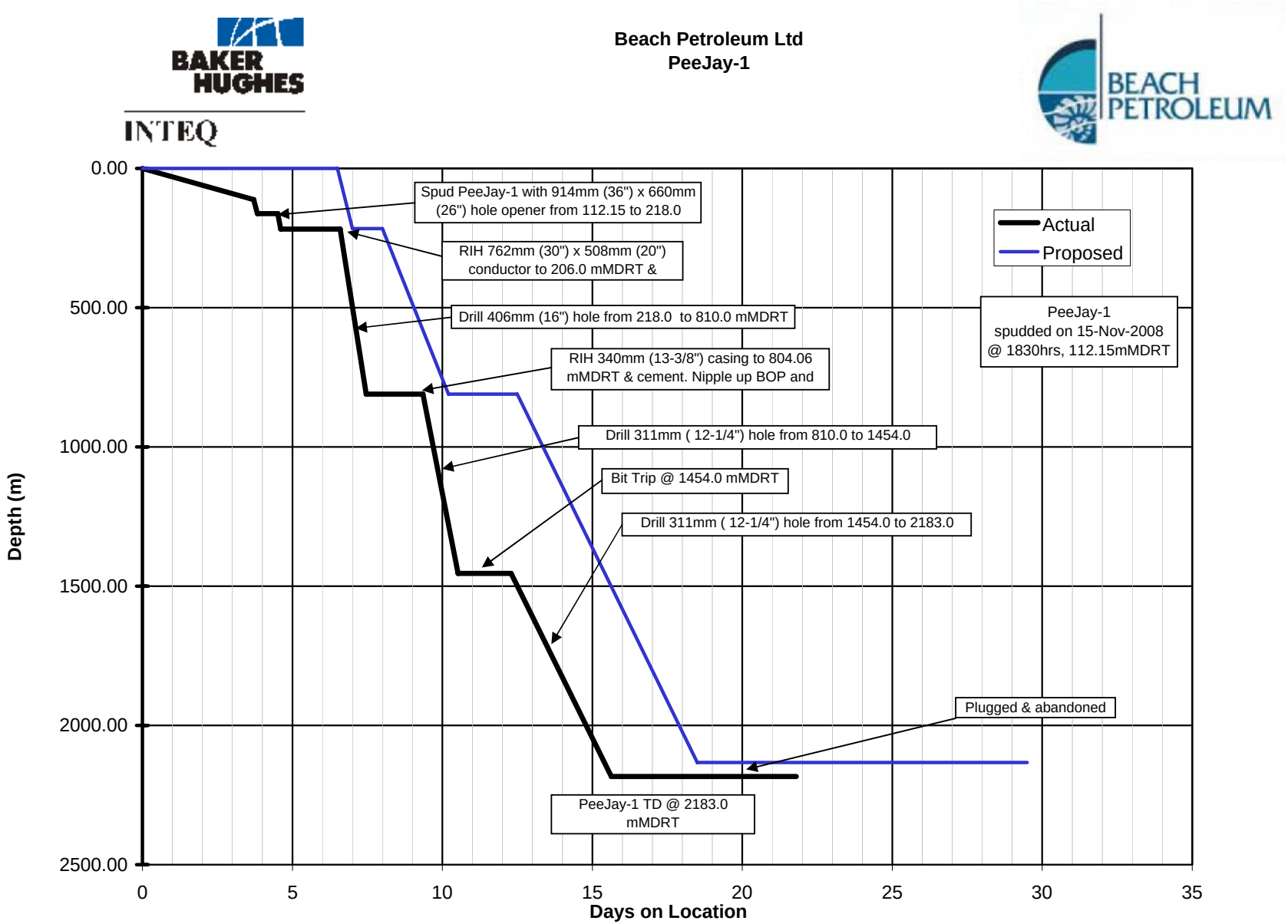
Hydraulics Models

Power Law Model used for drilling with Mud
Bingham Model used for coring and drilling with seawater

Bit No.	Depth AHD (m)	Hole Size mm	Jets x 1/32"	Drill String Type	Mud Type	Mud Density sg	PV mPa.s	YP Pa	Flow Rate lpm	Jet Vel m/sec	Impact Force kN/ m^2	Hydraulic Power kW	Power/ Area kW/ m^2	Bit Loss kPa	Bit Loss %	Pipe* Loss kPa	ECD sg	Annular Velocities DP OH m/min	Annular Velocities DC OH m/min	Annular Velocities DP Max Dia m/min
			PeeJay-1																	
	406 mm (16") Hole Section 218.0 m - 810.0 mMDRT																			
NB2	810.0	406	3x20	**M**	Sea water	1.04	-	-	4542	127.5	77921	1149	4820	8194	53.4	7045	1.05	39.71	54.09	11.89
	311 mm (12.25") Hole Section 810.0 m - 2183.0 mMDRT																			
NB3	1296.0	311	3x14, 3x13	**M**	KCL / PHPA	1.14	20	10.56	4618	117.8	134466	1538	7709	7521	37.6	12482	1.15	73.57	90.18	22.19
NB3	1454.0	311	3x14, 3x13	**M**	KCL / PHPA	1.14	19	15.36	3785	116.4	110331	965	6242	7424	48.4	7887	1.17	60.30	73.92	18.19
NB4	1609.0	311	3x20	**M**	KCL / PHPA	1.14	19	15.36	1210	108.3	123433	1508	6530	6417	32.5	13352	1.17	72.97	79.61	22.01
NB4	1838.0	311	3x20	**M**	KCL / PHPA	1.14	20	16.32	1220	129.6	149636	1697	9432	9198	41.7	12869	1.17	73.57	80.27	22.19
NB4	2058.0	311	3x20	**M**	KCL / PHPA	1.14	19	16.8	4599	129.1	148257	1751	9316	9122	39.9	13738	1.17	73.27	76.31	22.10
NB4	2183.0	311	3x20	**M**	KCL / PHPA	1.14	18	15.36	4542	127.5	144809	1733	8981	8901	38.8	13110	1.17	72.36	75.37	21.83

* Note: Pipe Loss includes DP,HWDP, DC, MWD, Motor

Table: 3 Time and Depth Curve



Appendix 6

Daily Geological Reports

Date:	16 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	1	**RT - SEAFLOOR:**	104.0 m (3.5m airgap)
Current Hole Size:	914mm (36")	**WATER DEPTH**	78.0 m MSL
		RT:	26.0 m MSL (3.5m airgap)
Depth @ 06:00 Hrs EST:	155.0 m MDRT 155.0 m TVD RT -129 m SS	**PTD:**	2133.0 m MDRT
		Spud Date:	15 November 2008
24 Hr Progress:	51.0m		
06:00 – 06:00 EST			
Current Operation:	**RE-ATTACHING SERVICE LINES TO CANTILEVER HAVING DRILLED PRECAUTIONARY SURFACE HOLE AT MINIMUM AIRGAP.**		

AFE Cost **(Drill)$** **(C&S)$** **(P&A)$** **Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
	914 mm (36")		762mm (30")				
	406mm (16")		340mm(13.375")				
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
2400 Hrs	Sea Water	1.03	120	-	9.0	-	700	10/55	-
0600 Hrs	Sea Water	1.03	120	-	9.0	-	700	10/55	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	1	Reed	Rock	Y11C	660mm (26")	-	-	In Hole
Last								

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Hook up service lines to Cantilever. Install access stairs and mouse hole. Pick up and make up 26"/36" BHA. Tag bottom at 104m with 3.5m air gap. **Spud Peejay 1 at 1830 hrs, 15/11/08.** Drill 26"/36" hole to 155m, POOH and rack back BHA in derrick. Skid cantilever forward. Pin and secure same. Jack up rig to 11.3m operational air gap. Lower Texas deck. Skid cantilever aft 25 ft to drilling position, installing access stairs to Texas deck at the same time. Install access stairs on port and starboard side of cantilever. Hook up service lines to cantilever and install mouse hole.

Anticipated operations:

Offload 30" conductor from Pacific Battler. Make up 5.5" drill pipe cement stand with stab in sub and stand back in derrick Make up second stand with TIW valve and side entry sub and stand back in derrick. RIH with 26"/36" BHA to 155m. Drill 26"/36" hole from 155m to section TD. Displace hole to pre-hydrated bentonite mud. POOH and run 30" casing.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No lithology returned	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No lithology returned	

REMARKS:
DGR01 links to DDR34

Position: Lat: 40deg 29 47.9007"S
Long: 146deg 21' 35.4353" E
4.73m from ideal
Rig heading: 136.28 deg

Leg Penetrations: Bow = 27.94m
Port = 28.44m
Stbd = 27.64m

LWD Offsets from Bit:

Geologists: **Hamish Little**

Date:	17 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	2	**RT - SEAFLOOR:**	112.5 m
Current Hole Size:	914mm (36")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	218.0 m MDRT	**PTD:**	2133.0 m MDRT
	218.0 m TVD RT	**Spud Date:**	15 November 2008
	-183.9 m SS		
24 Hr Progress:	63m		
06:00 – 06:00 EST			
Current Operation:	**RUNNING 30" CONDUCTOR**		

AFE Cost **(Drill)$** **(C&S)$** **Cost To Date:**

(P&A)$

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
	914 mm (36")		762mm (30")				
	406mm (16")		340mm(13.375")				
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
2400 Hrs	Seawater/gel	8.8	25	-		-		10/75	-
0600 Hrs	bentonite			-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD
Last								

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	Anderdrift	208	1 deg				
	Anderdrift	218	0.5 deg				

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Hook up service lines to cantilever and install mouse hole. Make up 5.5" drill pipe cement stand with stab in sub and stood back in derrick. Make up second stand with TIW valve and side entry sub and stand back in derrick. RIH with 26"/36" BHA to 116m and wash and ream from 116m to bottom Drill 26"/36" hole from 162m to 218m. Displace hole to prehydrated bentonite mud POOH to run 30" casing. Install CTU and work platform while concurrently rigging up to run 30" conductor Held PJSM and ran 30" conductor casing to 152m.

Anticipated operations:

Continue running 30" conductor casing Install ICON clamp on CTU and torque up same. Cut 30" conductor 2m above icon clamp and lay down first joint of conductor Rig down 30" handling equipment and riig up 5.5" drill pipe handling equipment RIH with stinger and cement head assembly and perform cement job on 30" casing Pick up 20 stands of 5.5" drill pipe and make up 16" BHA.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No lithology returned	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No lithology returned	

REMARKS:

DGR 02 links to DDR 35

BHI mudlogging and Schlumberger LWD progressing well with power up and no problems reported

Visean system up and operational

Final Rig Position: Lat: 40deg 29 47.9079"S
Long: 146deg 21' 35.4578" E
5.04m from intended location
Rig heading: 136.42 deg.

Leg Penetrations: Bow = 27.94m
Port = 28.44m
Stbd = 27.64m

LWD Offsets from Bit:

Geologists: **Hamish Little**

Date:	18 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	3	**RT - SEAFLOOR:**	112.5 m
Current Hole Size:	914mm (36")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	218.0 m MDRT 218.0 m TVD RT -183.9 m SS	**PTD:**	2133.0 m MDRT
		Spud Date:	15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	0m		
Current Operation:	**Laying down 36" hole opener**		
AFE Cost (Drill)$	**(C&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
	914 mm (36")	218m	762mm (30")			216m	
	406mm (16")		340mm(13.375")				
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
17:25	Pre hydrated bentonite mud	8.8	490		9.2			15/78	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD
Last								

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	Anderdrift	208	1 deg				
	Anderdrift	218	0.5 deg				

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Continue running 30" conductor to 216m. Commence cement job pumping preflush - no returns at seabed. Work conductor with CTU. Adapt cement volume and cement conductor with 80 bbls of slurry. Make up test tool and retrieve tugger from BOPs. Pick up 20 stands of 5.5" drill pipe from catwalk and rack back in derrick. Held PJSM and commenced laying down 36" hole opener.

Anticipated operations:

Make up and RIH 16" BHA, drill out conductor shoe, drill ahead 16" hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No lithology returned	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No lithology returned	

REMARKS:

DGR 03 links to DDR 36

Schlumberger LWD tools surface testing complete and no issues reported

LWD Offsets from Bit:

Geologists: **Hamish Little**

Date:	19 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	4	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	406mm (16")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	614.0 m MDRT	**PTD:**	2133.0 m MDRT
	614.0 m TVD RT	**Spud Date:**	15 November 2008
	-579.9 m SS		
24 Hr Progress:	396m		
06:00 – 06:00 EST			
Current Operation:	**Drilling ahead 406mm (16") hole**		

AFE Cost (Drill)$** **(C&S)$ **(P&A)$** **Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")			216m	
	406mm (16")		340mm(13.375")				
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
17:00	Pre hydrated bentonite mud	8.8	480		9.5			15/77	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	2	Hughes	Rock	GXC1V	406mm (16")			
Last	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
1	MWD	264.95	1.45	150.86	264.92	3.35	150.86
2	MWD	294.47	1.15	140.54	294.43	4.02	150.1
3	MWD	323.97	1.05	150.84	323.93	4.58	149.53
4	MWD	413.38	0.47	198.6	413.33	5.65	152.53
5	MWD	502.18	0.22	197.44	502.13	6.03	156.17
6	MWD	591.8	0.37	228.07	591.75	6.26	159.73

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
Static hole	538m	90 bbls/hr	Estimated from top of surface casing at a connection

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Continued laying down 36" hole opener. Made up 406mm (16") BHA and ran in hole and tagged cement at 214m. Cement firm. Drilled 508mm (20") shoe and rat-hole to 218m and drilled ahead 406mm (16") hole

Anticipated operations:

Drill ahead 406mm (16") hole to 340mm (13 3/8") casing point, CBU and POOH. R/U and run casing.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	Cuttings returned to seabed	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	Cuttings returned to sea bed	

REMARKS:
DGR 04 links to DDR 37

LWD Offsets from Bit:

Gamma Ray 5.12m
Sonic 14.68m

Geologists: **Hamish Little / Greg Clota**

Date:	20 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	5	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	406mm (16")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	810.0 m MDRT 810.0 m TVD RT -775.9 m SS	**PTD:** **Spud Date:**	2133.0 m MDRT 15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	196m		
Current Operation:	**Running 340mm (13.375") casing**		
AFE Cost (Drill)$	**(C&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
	406mm (16")	810m	340mm(13.375")				
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
12:30	Pre hydrated bentonite	8.8	488		9.5			18/83	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	2	Hughes	Rock	GXC1V	406mm (16")	21	592	
Last	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
7	MWD	679.52	0.12	321.43	679.47	6.31	162.26
8	MWD	768.28	0.20	271.31	768.23	6.18	163.93
9	MWD	803.99	0.21	236.85	803.94	6.18	165.06

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 406mm (16") hole 614-810m TD. Pumped 200bbl Hi-Vis sweep and displaced hole with 700bbl mud. POH and laid out LWD. R/U and ran 340mm (13.375") casing to 680m.

Anticipated operations:

Continue running 340mm (13.375") casing, land and cement. Prepare floor and pump cement. N/U BOP pressure and test same.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	Cuttings returned to seabed	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	Cuttings returned to sea bed	

REMARKS:
DGR 05 links to DDR 38
LWD recorded data downloaded and forwarded to Schlumberger for processing.

LWD Offsets from Bit:

Geologists: **Hamish Little / Greg Clota**

Date:	21November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	6	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	810.0 m MDRT	**PTD:**	2133.0 m MDRT
	810.0 m TVD RT	**Spud Date:**	15 November 2008
	-775.9 m SS		
24 Hr Progress:	0m		
06:00 – 06:00 EST			
Current Operation:	**PRESSURE TESTING IBOP HAVING SET 13 3/8" SURFACE CASING**		

AFE Cost **(Drill)$** **(C&S)$** **Cost To Date:**

(P&A)$

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")			804m	
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
12:30	Pre hydrated bentonite	8.8	488		9.5			18/83	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	2	Hughes	Rock	GXC1V	406mm (16")	21	592	1,1,NO,A,E,I,NO,TD
Last	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Continued running 340mm (13.375") casing. P/U wellhead assembly and landed casing at MLS hanger. Cemented casing. Land casing on 30" conductor. R/D cementing equipment. R/U and ran BOP and diverter. L/D 8.25" and 9.5" DCs. Pressure tested upper and lower IBOP.

Anticipated operations:

Pressure test casing. P/U 5.5" drillpipe for 12.25" hole section. M/U 12.25" BHA RIH and drill out cement, shoe track and 3m new formation. Perform LOT. Drill ahead 12.25" hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No lithology drilled	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No lithology drilled	

REMARKS:

DGR 06 links to DDR 39

LWD Offsets from Bit:

Tool assembly for 311mm (12 ¼") BHA surface checked and ready to pick up

Geologists: **Hamish Little / Greg Clota**

Date:	22 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	7	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	810.0 m MDRT 810.0 m TVD RT -775.9 m SS	**PTD:** **Spud Date:**	2133.0 m MDRT 15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	0m		
Current Operation:	**Drilling 13.375" shoe track while displacing to KCL/Polymer mud**		

AFE Cost (Drill)$** **(C&S)$ **(P&A)$** **Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")			804m	
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
12:30	Pre hydrated bentonite	8.8	488		9.5			18/83	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	3	Reed	PDC	RSX616M -A16	311mm (12.25")			
Last	2	Hughes	Rock	GXC1V	406mm (16")	21	592	1,1,NO,A,E,I,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Continued pressure testing upper and lower IBOP. Pressure tested casing. P/U 60 joints 5 ½ " drill pipe and racked back, made up 12 ¼" BHA and RIH picking up 60 joints 5 ½" drill pipe. Continued RIH. Tagged cement at 781m. Drilled out cement and shoe track while displacing to KCl/Polymer mud.

Anticipated operations:

Drill to 813m. Perform LOT. Drill ahead 12.25" hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*118.0*	*80.0*
Torquay Group					*138.0*	*100.0*
Lower Torquay Group					*1138.0*	*1100.0*
Demons Bluff Fm					*1300.0*	*1262.0*
Upper Eastern View Group					*1371.0*	*1333.0*
Middle Eastern View Group					*1638.0*	*1600.0*
Total Depth					*2138.0*	*2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No lithology drilled	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No lithology drilled	

REMARKS:

DGR 07 links to DDR 40
Trouble loading source in ADN required picking up back-up tool.

LWD Offsets from Bit:

Geologists: **Hamish Little / Greg Clota**

Date:	23 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	8	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	1412.0 m MDRT	**PTD:**	2133.0 m MDRT
	1412.0 m TVD RT	**Spud Date:**	15 November 2008
	-1378.0 m SS		
24 Hr Progress:	602m		
06:00 – 06:00 EST			
Current Operation:	**DRILLING AHEAD 311MM HOLE IN THE UPPER EASTERN VIEW GROUP**		

AFE Cost **(Drill)$** **(C&S)$** **(P&A)$** **Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
21:30	KCl PHPA Polymer	9.5	65	4.2	9.5		35k	19/32	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	3	Reed	PDC	RSX616M -A16	311mm (12.25")			
Last	2	Hughes	Rock	GXC1V	406mm (16")	21	592	1,1,NO,A,E,I,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	MWD	1345.01	0.68	106.82	1345.0		
	MWD	1374.54	0.67	110.27	1374.5		
	MWD						

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	810-1408	Up to13bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled cement and shoetrack from 781m to 798m. Commenced displacing well to KCI/Polymer mud, whilst continuing drilling shoetrack and 3m of new formation to 813m. Circulated and conditioned mud to 8.8 ppg. Lined up and pressure tested surface lines to 2500 psi. Performed LOT. Formation broke down at 928 psi, EMW 15.55 ppg Drilled ahead 12.25" hole 813-1412m

Anticipated operations:

Drill ahead 12.25" hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*32m Low*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*42m High*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*41m High*		*1367.0*	*-1333.0*
Middle Eastern View Group					*1634.0*	*-1600.0*
Total Depth					*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1408-1411m	Dull yellow gold mineral fluorescence only	0.2u

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
810-960 5.0-179m/hr 89m/hr avg	**Claystone with Interbedded Limestone** CLAYSTONE: (30-90%) Medium grey to olive grey, moderately calcareous, slightly silty, common fine to medium calcareous sand, trace white calcite spar inclusions, trace carbonaceous material, soft, plastic, massive to amorphous. LIMESTONE: (10-70%) Biocalcarenite, pale yellow brown to light brown grey, fine to medium, micritic, common coralline fragments, common medium to coarse, white calcite, spar, brittle, hard in part, fair porosity, no fluorescence.	0.27u BG 100
960-1015m 23-78m/hr 68m/hr avg	**Massive Claystone with minor Interbedded Limestone** CLAYSTONE: (90%) Medium dark grey to olive grey, moderately to locally very calcareous grades to calcilutite in part, slightly silty, trace carbonaceous material, marly texture, soft, plastic, massive to amorphous. LIMESTONE: (10%) Biocalcarenite, light brown grey to pale yellow brown, fine to medium, coarse in part, micritic, coarse to very coarse calcite spar, common coralline fragments, brittle, moderately hard to hard in part, fair porosity, no fluorescence.	0.5u BG 100

1015-1170m 18-108m/hr 62m/hr avg	**Massive Claystone with trace interbedded Limestone** CLAYSTONE: (100%) medium grey to olive grey, minor medium dark grey, rare bluish grey, slightly to dominantly moderately calcareous, locally slightly silty, rare Foraminifera, rare carbonaceous material, trace micro pyrite, soft to locally firm, plastic in part, minor amorphous to dominantly sub blocky. LIMESTONE: (Tr) Calcarenite to Calcisiltite, white to very light grey, rarely dolomitic, common medium to coarse calcite spar, occasionally coralline fragments, brittle to hard in part, blocky, nil to poor porosity, no show.	1.5u BG 100:Tr
1170-1254m 21-79m/hr 63m/hr avg	**Lower Torquay Group** **Interbedded Claystone, Siltstone, Sandstone with trace Limestone** CLAYSTONE: (Tr-70%) olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft to plastic in part, sub blocky to rarely blocky in part, commonly grading to Siltstone in part. SILTSTONE: (0-60%) brownish grey, very slightly carbonaceous, slightly arenaceous in part, slightly calcareous, soft, subblocky. SANDSTONE: (5-50%) transparent to translucent, common yellow brown staining, fine, very well sorted, angular to well rounded, dominantly subangular-subround, spherical, no visible cement, no visible matrix, common to abundant brown and black lithic grains, loose, good inferred porosity, no shows LIMESTONE: (0-10%) Calcisiltite, yellow brown, off white, trace to common Bryozoa, trace coralline, microcrystalline, brittle to hard, fair visible porosity in part, no show.	1.2u BG 100:Tr:Tr
1254-1328m 12-68m/hr 51m/hr avg	**Demons Bluff Formation** **Massive Claystone with minor interbedded Siltstone** CLAYSTONE: (90-100%) Medium dark grey to dark grey, light brownish grey, non to very slightly calcareous, trace pyritic, slightly silty in part, soft, plastic to minor subblocky in part, firm to moderately hard in part. SILTSTONE: (O-10%) Medium dark grey to dark grey, non to very slightly calcareous, trace pyritic, rare Foraminifera, argillaceous in part, grading to Claystone in part, soft to firm, rare to trace plastic, dominantly subblocky, trace blocky.	0.7u BG 100:Tr:Tr
1328-1390m 8-47m/hr 36m/hr avg	**Upper Eastern View Coal Group** **Interbedded Sandstone and Claystone** SANDSTONE: (30-70%) Light olive grey, transparent to translucent quartz grains, fine, very rare granules, dominantly well sorted, subangular to subround, spherical, weak calcareous cement, minor dolomitic cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly loose, common shell fragments in part, trace nodular pyrite, fair inferred porosity, poor to fair visible porosity, no shows. CLAYSTONE: (30-70%) Brownish grey, non to very slightly calcareous, trace pyritic, trace Foraminifera, soft, amorphous	0.3u BG 100:Tr
1390-1412 6-36 m/hr 30 m/hr avg	**Interbedded Sandstone and Claystone with minor Coal** SANDSTONE: (60-70%) Quartzose, medium light to medium grey, very fine to fine, subangular, well sorted, weak calcareous cement, abundant, argillaceous matrix, trace lithic fragments, friable, very poor porosity, no fluorescence. CLAYSTONE: (30-40%)Brown grey to olive black, very silty, common very fine quartz sand, slightly micromicaceous, soft, slightly dispersive, massive. COAL: (0-10%) Black, subbituminous, dull lustre, earthy texture, firm, blocky.	0.2u BG 100:Tr

REMARKS:

DGR 08 links to DDR 41
Schlumberger's SADN tool provided miscellaneous data between 1193m and 1221m possibly due to hole washout in Sandstone.
Drilling rate controlled to a maximum rate of penetration of 40m/hr from 1300m.

LWD Offsets from Bit:

Pressure:	3.4m
Res:	4.1m
GR:	4.1m
Survey:	11.5m
Sonic:	20.9m
Neutron	28.8m
Density:	26.8m
Caliper:	26.7m

Geologists: **Hamish Little / Greg Clota**

Date:	24 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	9	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	1412.0 m MDRT	**PTD:**	2133.0 m MDRT
	1454.0 m TVD RT	**Spud Date:**	15 November 2008
	-1419.9 m SS		
24 Hr Progress:	42m		
06:00 – 06:00 EST			
Current Operation:	**RUNNING IN HOLE TO DRILL AHEAD 12 ¼" HOLE FOLLOWING BIT TRIP**		

AFE Cost **(Drill)$** **(C&S)$** **(P&A)$** **Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
16:30	KCl PHPA Polymer	9.5	65	4.0	8.9	38285	36k	22/36	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	3	Reed	PDC	RSX616M -A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR
Last	2	Hughes	Rock	GXC1V	406mm (16")	21	592	1,1,NO,A,E,I,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
20	MWD	1433.56	0.69	132.78	1333.5	7.95	138.83

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1412 – 1454m	Up to 35bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole 1412-1452m. Continued drilling hard sandstone/pyrite/dolomite stringer at 1452 m – 1454m. adjusted drilling parameters to optimize ROP and reduce shock loads on MWD tools. POH. Broke out and inspected bit. Cutting structure and blades completely worn down to bit body. Layout MWD tools, download data, replace batteries, reinitialize. M/U LWD tools (Run 3) Picked up 12.25" BHA and RIH to 32m. Made up TDS and shallow tested MWD/LWD tools at 800 gpm, 1000 psi. Continued RIH to 320m at 0600 hrs.

Anticipated operations:

Continue RIH and drill ahead 311mm (12.25") hole from 1454m

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group					*1634.0*	*-1600.0*
Total Depth					*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1412-1414m	Sandstone: 20% Dull yellow gold mineral fluorescence only	0.2u
1450-1454	Sandstone: 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.	0.3u

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1412-1429 7-40m/hr 32 m/hr avg	**Interbedded Sandstone and Claystone with minor Coal** SANDSTONE: (60-90%) Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, occasionally very fine to fine, subangular to angular, poor sorting, locally dolomitic & calcareous cement, trace nodular pyrite, abundant coarse fractured milky quartz float, friable to predominantly disaggregated, fair to good porosity, 1412-1414m 20% Dull yellow gold mineral fluorescence only, no cut, no stain associated with very fine to fine grained aggregates. CLAYSTONE: (10-30%)Brown grey to olive black, very silty, common very fine quartz sand, slightly micromicaceous, soft, slightly dispersive, massive. COAL: (0-10%) Black, subbituminous, dull lustre, earthy texture, firm, blocky.	0.4u BG 100
1429-1454 2-40 m/hr 35 m/hr avg	**Sandstone with interbedded Claystone** SANDSTONE: (40-100%) Quartzose, clear to translucent, frosted, light olive grey in part, fine to medium, coarse in part, subangular to angular, poor to moderate sorting, locally strong dolocalcareous cement, trace light brown argillaceous matrix in part, trace muscovite, common coarse smoky quartz, rare nodular pyrite, friable to predominantly disaggregated, fair to good porosity, very poor to nil porosity in hard aggregates 1450-1454m 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain. CLAYSTONE: (0-60%) Dark grey to dusky blue, slightly calcareous, locally silty, slightly micromicaceous, trace fossil fragments, trace calcite infill, smooth texture in part, plastic to firm, blocky to subfissile.	0.3u BG 100

REMARKS:

DGR 09 links to DDR 42

Due to thread damage on the sub between the SADN and Sonic tool, an alternative sub was sort for Run 2. Only a shorter one was available. The replacement sub necessitated a shorter internal mechanism for real-time communications of SADN tool data. Whilst it may have been possible to build one from the original, no accurate assessment of the time required for such a fix was available so the call made to proceed without.

ARC Resistivity laid out and replaced with GeoVision (RAB) due to 7 hours of level 3 shock during Run #2.

LWD Offsets from Bit:

Run#2

Pressure:	3.4m
Res:	4.1m
GR:	4.1m
Survey:	11.5m
Sonic:	20.9m
Neutron	28.8m
Density:	26.8m
Caliper:	26.7m

Run# 3

GR:	2.81
RBit:	1.11
RRing:	3.07
Survey:	9.94
Sonic:	18.83
Neutron:	27.1
Density:	25.2

Geologists: **Hamish Little / Greg Clota**

Date:	25 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	10	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	1665.0 m MDRT 1665.0 m TVD RT -1430.9 m SS	**PTD:**	2133.0 m MDRT
		Spud Date:	15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	211m		
Current Operation:	**Drilling 311mm (12.25") hole**		
AFE Cost (Drill)$	**(C&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
16:30	KCl PHPA Polymer	9.5	60	4.0	8.9	38809	36.5k	18/30	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	20.5	211xx	
Last	3	Reed	PDC	RSX616M-A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
22	MWD	1492.77	0.31	331.27	1492.71	8.15	138.32
23	MWD	1552.04	0.35	350.47	1551.98	7.84	137.35
24	MWD	1640.51	0.45	28.44	1640.44	7.52	133.72

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1454-1655m	Up to 35bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

RIH. Drilled ahead 311mm (12.25") hole from 1454-to 1665m

Anticipated operations:

Drill ahead 311mm (12.25") hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group	*1600*	*-1566*	*-34m*		*1634.0*	*-1600.0*
Total Depth					*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1454-1456	Sandstone: 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.	0.3u BG
1459-1480	Sandstone: 20-100% (decreasing with depth) moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.	0.4u BG
1615-1624	Sandstone: Tr moderately bright yellow direct fluorescence, very slow dull yellow white streaming cut fluorescence, no staining.	0.4u BG
1634-1639	Sandstone: 5% dull yellow direct pin point fluorescence, diffuse milky cut fluorescence, no stain.	0.4u BG
1639-1654	Sandstone: 80% decreasing with depth: moderately bright yellow pin point direct fluorescence, diffuse milky cut fluorescence, no staining	0.3u BG

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas	1454	3.5	0.2	100 Tr Tr
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1454-1600 0.3-124 m/hr 31 m/hr avg	**Massive Sandstone with interbedded Claystone and Coal** SANDSTONE: (40-100%) Quartzose, clear to translucent, frosted, light grey, medium to very coarse, angular to subrounded, poor sorting, locally strong dolocalcareous cement, occassionally sideritic cement, common smoky/milky quartz, trace nodular pyrite, occ quartz overgrowths, hard aggregates in part, disaggregated in part, poor to predominantly fair to good porosity, 1454-56m & 1559-80m Up to 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain. CLAYSTONE: (0-60%)Dark grey to dusky blue, slightly calcareous, locally silty, slightly micromicaceous, trace fossil fragments, trace calcite infill, smooth texture in part, plastic to firm, blocky to subfissile. COAL: (0-80%) Black to grey, subbituminous, dull to subvitreous lustre, slightly argillaceous in part, brittle, blocky, subfissile in part.	0.4u BG 100: Tr:Tr

1600-1665 5-39 m/hr 24m/hr avg	**Mid Eastern View Coal Group** **Massive Sandstone with intebedded Coal and Claystone** SANDSTONE: (40-100%) Quartzose, clear to translucent, frosted, coarse to very coarse, angular to subround, moderately sorted, clean, trace pyrite cement in part, occasionally quartz overgrowths, trace smoky quartz, disaggregated, good porosity, fluorescence – see hydrocarbon summary above. CLAYSTONE: (0-40%) Dark grey to olive black, slightly calcareous in part, occasionally slightly silty, trace carbonaceous specks, slightly micromicaceous, soft to firm, massive to subfissile in part. COAL: (0-20%) Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile	0.3u BG 100:Tr:Tr

REMARKS:

DGR 10 links to DDR 43

Good data signal from MWD tools. Only sporadic level one shocks to tools.
Carbide @ 1532m est 9.8% overgauge.

LWD Offsets from Bit:

Run# 3

GR:	2.81
RBit:	1.11
RRing:	3.07
Survey:	9.94
Sonic:	18.83
Neutron:	27.1
Density:	25.2

Geologists: **Hamish Little / Greg Clota**

Date:	26 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	11	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	1915.0 m MDRT 1915.0 m TVD RT -1880.9 m SS	**PTD:**	2133.0 m MDRT
		Spud Date:	15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	250m		
Current Operation:	**Drilling 311mm (12.25") hole**		
AFE Cost (Drill)$	**(C&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
08:15	KCl PHPA Polymer	9.5	58	4.0	8.9	36900	37.5k	16/31	-
22:19	As above	9.5	56	4.0	9.5	37276	38.1	19/34	

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	44.5	461	
Last	3	Reed	PDC	RSX616M-A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
24	MWD	1640.51	0.45	28.44	1640.44	7.52	133.72
25	MWD	1729.59	0.55	18.42	1729.5	7.28	128.01
26	MWD	1788.72	0.69	29.31	1788.6	7.16	123.05
27	MWD	1818.45	0.58	33.65	1818.4	7.16	120.41

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1655- 1915m	Up to 26bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole from 1665 to 1915m

Anticipated operations:

Drill ahead 311mm (12.25") hole to 2134mTD

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group	*1600*	*-1566*	*-34m*		*1634.0*	*-1600.0*
Total Depth					*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1669-1699m	Sandstone: Up to 100% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1711-1717m	Sandstone: 10-20% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1723-1729m	Sandstone: 10% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1729-1753m	Sandstone: 10% moderately bright pale yellow, bright orange mineral fluorescence only, no cut, no stain.	0.3u

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1665-1730 2-40 m/hr 19 m/hr avg	**Massive Sandstone with interbedded Claystone and Coal** SANDSTONE: (20-100%) Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor sorting, locally strong dolocalcareous cement, trace siliceous cement, trace pyritic cement and nodular pyrite, trace muscovite, occasionally coaly fragments, common fractured very coarse/granular milky quartz float, locally kaolinitic inclusions, trace quartz overgrowths, hard aggregates, predominantly disaggregated, poor porosity, fluorescence – see hydrocarbon summary above. CLAYSTONE: (0-80%)Brown black to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, slightly micromicaceous, firm, blocky to subfissile in part. COAL: (0-10%) Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile	0.3u BG 100:Tr:Tr

1730-1915 4-40.5 m/hr 27 m/hr avg	**Cyclic succession of Sandstone, Claystone and Coal** SANDSTONE: (20-100%) Quartzose, clear to translucent, frosted, light brown grey in part, medium to coarse, angular to subrounded, poor to moderate sorting, weak calcareous cement in part, predominantly clean, trace nodular pyrite, trace carbonaceous fragments, disaggregated, fair to good porosity, no fluorescence. CLAYSTONE: (0-50%) Brown grey to olive grey, very silty grades to argillaceous siltstone in part, arenaceous in part, slightly calcareous, micromicaceous, trace lithic fragments, occasionally carbonaceous specks, soft, occasionally firm, massive to blocky. COAL: (0-80%) Black to grey black in part, bituminous, subvitreous lustre, argillaceous in part, occasionally resin inclusions, platy to subconchoidal fracture, subvitreous to occasionally vitreous lustre, brittle, blocky to subfissile in part.	0.36u BG Peak 11.2u @1909m 87/8/3/1/1

REMARKS:

DGR 11 links to DDR 44

1680m - Carbide check at the possum belly - OK.
1887m – Carbide check through the system indicates open hole to be 345mm (13.58”) average diameter.

Shallow button resistivity data unreliable from 1680m and deep button resistivity from 1715m. Possibly due to excessive stick slip in string.

LWD Offsets from Bit:

Run# 3

GR:	2.81
RBit:	1.11
RRing:	3.07
Survey:	9.94
Sonic:	18.83
Neutron:	27.1
Density:	25.2

Geologists: **Hamish Little / Greg Clota**

Date:	27 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	12	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	2090.0 m MDRT	**PTD:**	2134.0 m MDRT
	2090.0 m TVD RT	**Spud Date:**	15 November 2008
	-2055.9 m SS		
24 Hr Progress:	175m		
06:00 – 06:00 EST			
Current Operation:	**DRILLING AHEAD 12 ¼" HOLE IN THE MID EVCM**		

AFE Cost **(Drill)$** **(C&S)$** **Cost To Date:**

(P&A)$

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
09:00	KCl PHPA Polymer	9.5	53	4.0	9.0	37236	38.0k	19/32	-
20:19	As above	9.45	61	4.0	9.5	37100	38.0k	1832	

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	55.1	636	
Last	3	Reed	PDC	RSX616M-A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
28	MWD	1906.90	0.63	28.21	1906.82	7.22	112.99
29	MWD	1995.04	0.77	13.45	1994.95	7.25	104.53

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1915-2089	Up to 24bbl/hr	Losses at shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole from 1915 to 2090m

Anticipated operations:

Drill ahead 311mm (12.25") hole to section TD at 2134mRKB. POH, rig up and run wireline logs.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group	*1600*	*-1566*	*-34m*		*1634.0*	*-1600.0*
Total Depth					*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No fluorescence.	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1915-1963m 4.4-40 m/hr 19.3 m/hr avg	**Interbedded Sandstone and Claystone with Coal seams** SANDSTONE: (10-70%) Quartzose, clear to translucent, frosted, fine to coarse, angular to subround, poor sorting, slightly calcareous cement, silty/argillaceous matrix, trace nodular pyrite, common coarse milky quartz float, friable to predominantly disaggregated, poor to fair porosity, no fluorescence. CLAYSTONE: (20-90%)Light brown grey to light olive grey, slightly silty/arenaceous, trace carbonaceous specks/stylolites, micromicaceous, soft to plastic, massive. COAL: (0-90%) Black, bituminous, subvitreous lustre, subconchoidal to uneven fracture, brittle, blocky.	0.6u BG Peak 25u @1938m 88/8/3/1/0
1963-2041m 2.7-38 m/hr 15 m/hr avg	**Massive Claystone with interbedded and interlaminated Sandstone and Coal** SANDSTONE: (0-20%) Lithic Arenite, light brown grey to pale yellow brown, fine to medium, subangular, moderately well sorted, argillaceous/silty matrix, trace lithic fragments, micaceous, friable, very poor to nil porosity, no fluorescence. CLAYSTONE: (60-100%) Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part. COAL: (0-20%) Black to grey black, bituminous, dull lustre, locally argillaceous, platy fracture, brittle, blocky to predominantly fissile.	0.7u BG Peak 12.3u @1988m 85/8/5/2/0
2041-2090m 3-16 m/hr 6 m/hr avg	**Igneous Intrusive** DOLERITE: (100%) Dark greenish grey to olive grey, stained, coarse crystalline, welded grain boundaries, very fine ground mass in part, crystal assemblage includes, plagioclase, quartz, horneblend and olivine, hard, blocky.	0.7u BG 86/2/6/3/3

REMARKS:

DGR 12 links to DDR 45

LWD Offsets from Bit:

Run# 3

GR:	2.81
RBit:	1.11
RRing:	3.07
Survey:	9.94
Sonic:	18.83
Neutron:	27.1
Density:	25.2

Geologists: **Hamish Little / Greg Clota**

Date:	28 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	13	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	2183.0 m MDRT 2183.0 m TVD RT -2148.9 m SS	**PTD:**	2134.0 m MDRT
		Spud Date:	15 November 2008
24 Hr Progress: **06:00 – 06:00 EST**	93m		
Current Operation:	**Laying out BHA**		
AFE Cost **(Drill)$**	**(C&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
08:30	KCl PHPA Polymer	9.5	54	4.0	9.0	38285	42.5k	18/34	-
16:15	As above	9.5	58	4.0	9.5	38400	42.5k	19/34	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	64.2	729	4,6,BT,A,E,I,CT,TD
Last	3	Reed	PDC	RSX616M-A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
30	MWD	2084.02	0.81	6.88	2083.92	7.26	94.84
31	MWD	2142.80	1.07	57.33	2142.70	7.74	89.28
32	MWD	2172.21	1.00	61.57	2172.10	8.20	87.44

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1915-2089	Up to 24bbl/hr	Losses at shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole from 2090 to 2183m, section TD. TD reached at 17:35 hours 27/11. CBU, POH, rack back BHA and lay out and downloaded LWD tools. Lay out BHA

Anticipated operations:

Continue laying out BHA while LWD logs are processed. Evaluate LWD logs for contigent wireline logs prior to RIH with mule shoe for P&A.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group	*1600*	*-1566*	*-34m*		*1634.0*	*-1600.0*
Total Depth	*2183*	*-2149*	*+49m*		*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
2128-2134m	Trace dull orange mineral fluorescence only, no cut, no stain.	0.5 units

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
2090-2104m 3-9 m/hr 7 m/hr avg	**Igneous Intrusive** DOLERITE: (100%) Dark greenish grey to olive grey, stained, coarse crystalline, welded grain boundaries, very fine groundmass in part, crystal assemblage includes, plagioclase, quartz, horneblend and olivine, hard, blocky.	0.5u BG 87/7/5/1
2104-2183m 5-40 m/hr 17 m/hr avg	**Massive Claystone with interbedded/interlaminated Coal and Sandstone** SANDSTONE: (0-80%) Quartzose, clear, translucent, frosted, medium dark grey to olive grey, very fine to fine, becomes medium to very coarse with depth, subangular to subround, well sorted, becomes moderately sorted with depth, weak calcareous cement, silty/argillaceous matrix in part, trace muscovite, common medium quartz float, trace lithic fragments trace nodular pyrite, friable to disaggregated, very poor porosity. See show summary above. CLAYSTONE (20-100%) Medium dark grey to dark green grey, brown grey in part, occasionally slightly calcareous, slightly silty, micromicaceous, trace carbonaceous specks, soft to firm in part, massive to blocky. COAL (0-20%) Black, bituminous, vitreous lustre, subconchoidal to uneven fracture, brittle to hard in part, blocky.	0.5u BG 87/7/5/1

REMARKS:

DGR 13 links to DDR 46
SADN stopped recording at 2188m 08:00hrs 27/22. Battery life expended.

LWD Offsets from Bit:

Run# 3

GR:	2.81
RBit:	1.11
RRing:	3.07
Survey:	9.94
Sonic:	18.83
Neutron:	27.1
Density:	25.2

Geologists: **Hamish Little / Greg Clota**

Date:	29 November 2008	**Licence / State:**	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	**Rig:**	Seadrill: West Triton
Days From Spud:	14	**RT - SEAFLOOR:**	112.15 m
Current Hole Size:	311mm (12.25")	**WATER DEPTH**	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	2183.0 m MDRT	**PTD:**	2134.0 m MDRT
	2183.0 m TVD RT	**Spud Date:**	15 November 2008
	-2148.9 m SS		
24 Hr Progress:	0m		
06:00 – 06:00 EST			
Current Operation:	**Pumping Abandonment Plug #2 834-704m**		

AFE Cost **(Drill)$** **(C&S)$** **Cost To Date:**

(P&A)$

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	15.5ppg

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
20:30	KCl PHPA Polymer	9.5	70	4.3	9.8	38.4k	42.5k	19/70	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Last	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	64.2	729	4,6,BT,A,E,I,CT,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
Mud – down hole	1449m	194bbl	Cement stinger packed off.

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Laid out BHA. RIH with mule shoe to 1449m. Hole packed off. Establish circulation. POH to 1360m. Spot Plug #1 1360-1230m. POH to 1143m. CBU. POH to 562m – L/O 19 stds DP. RIH. Tag Plug #1 at 1260m. POH to 834m. Spot Plug #2 834-704m.

Anticipated operations:

Pull back and CBU above Plug #2. POH and L/O DP. Pressure test Plug #2. N/D diverter and BOP. M/U 340mm(13.375") casing cutter. RIH and cut 340mm(13.375") at 155m

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					*112.0*	*-78.0*
Torquay Group					*134.0*	*-100.0*
Lower Torquay Group	*1170*	*-1136*	*+32m*		*1134.0*	*-1104.0*
Demons Bluff Fm	*1254*	*-1220*	*-42m*		*1296.0*	*-1262.0*
Upper Eastern View Group	*1328*	*-1294*	*-41m*		*1367.0*	*-1333.0*
Middle Eastern View Group	*1600*	*-1566*	*-34m*		*1634.0*	*-1600.0*
Total Depth	*2183*	*-2149*	*+49m*		*2134.0*	*-2100.0*

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	No new formation drilled	

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	No new formation drilled	

REMARKS:

DGR 14 links to DDR 47

Final Geological Report for PeeJay 1. Hamish Little off rig 28 Nov. Greg Clota off rig 29 Nov. Schlumberger Wireline 5 crew off rig 28 Nov. Final 3 crew off rig 29 Nov

LWD Offsets from Bit:

Tools and crew off Rig 28 Nov.

Geologist: **Greg Clota**

Appendix 7

Cuttings Descriptions

INTERVAL (m)	LITHOLOGY	%	DESCRIPTION
Spud-810			Cuttings returns to the seafloor
820-830	Claystone	80	Medium grey to olive grey, moderately calcareous, slightly silty, common fine to medium calcareous sand, trace white calcite spar inclusions, trace carbonaceous material, soft, plastic, massive to amorphous.
	Limestone	20	Biocalcarenite, pale yellow brown to light brown grey, fine to medium, micritic, common coralline fragments, common medium to coarse, white calcite, spar, brittle, hard in part, fair porosity, no fluorescence.
830-840	Claystone	70	As above.
	Limestone	30	As above.
840-850	Claystone	80	As above.
	Limestone	20	As above.
850-860	Claystone	60	As above.
	Limestone	40	As above.
860-870	Claystone	40	Medium grey to medium dark grey, slightly calcareous, slightly silty, slightly micromicaceous in part, occasionally white calcite infill, smooth, plastic, massive to amorphous.
	Limestone	30	Calcarenite, very light grey to pale yellow brown, fine to medium in part, micritic, common medium white calcite spar, trace fossil/coralline fragments, common white medium calcite spar, brittle, blocky, very poor porosity, no fluorescence.
870-880	Claystone	30	Predominantly as above, trace coarse nodular pyrite.
	Limestone	70	Calcisiltite to Calcilutite, pale yellow brown to white, fine to medium in part, micritic, common fine calcite spar, soft, blocky, poor to nil porosity, no fluorescence.
880-890	Claystone	70	Medium grey to medium dark grey, slightly calcareous, slightly silty, slightly micromicaceous in part, occasionally white calcite infill, smooth, plastic, massive to amorphous.
	Limestone	30	Biocalcarenite, pale yellow brown to light brown grey, fine to medium, micritic, common coralline fragments, common medium to coarse, white calcite, spar, brittle, hard in part, fair porosity, no fluorescence.
890-900	Claystone	70	Medium dark grey, slightly calcareous, trace very fine to fine, calcite sand, trace nodular pyrite, trace carbonaceous specks and microlaminae, soft to plastic, massive to amorphous.
	Limestone	30	Biocalcarenite, light brown grey to pale yellow brown, fine to medium, coarse in part, micritic, coarse to very coarse calcite spar, common coralline fragments, brittle, moderately hard to hard in part, fair porosity, no fluorescence.
900-910	Claystone	60	As above.
	Limestone	40	As above.
910-920	Claystone	70	As above.
	Limestone	30	As above.

920-930	Claystone Limestone	80 20	As above. As above.
930-940	Claystone Limestone	90 10	Predominantly as above, marly texture in part. As above.
940-950	Claystone Limestone	90 10	As above. As above.
950-960	Claystone	100	Medium dark grey to olive grey, moderately to locally very calcareous grades to calcilutite in part, slightly silty, trace carbonaceous material, marly texture, soft, plastic, massive to amorphous.
960-970	Claystone Limestone	90 10	As above. Biocalcarenite, light brown grey to pale yellow brown, fine to medium, coarse in part, micritic, coarse to very coarse calcite spar, common coralline fragments, brittle, moderately hard to hard in part, fair porosity, no fluorescence.
970-980	Claystone Limestone	90 10	As above. As above.
980-990	Claystone Limestone	90 10	As above. As above.
990-1000	Claystone Limestone	90 10	As above. As above.
1000-1005	Claystone Limestone	90 10	Medium dark grey to dark green grey, slightly to locally moderately calcareous, silty in part, trace carbonaceous specks, rare nodular pyrite, soft to plastic, massive to blocky in part. Calcarenite to Calcisiltite, brown grey to dark yellow brown, fine, micritic, locally slightly dolomitic, common medium to coarse calcite spar, occasionally coralline fragments, brittle to hard in part, blocky, nil to poor porosity, no fluorescence.
1005-1010	Claystone Limestone	80 20	As above. As above.
1010-1015	Claystone Limestone	90 10	Predominantly as above, rare pelletal glauconite, occasionally pale yellow brown very fine grained arenaceous inclusions. As above.
1015-1020	Claystone Limestone	90 10	As above. As above.
1020-1025	Claystone Limestone	100 Tr	As above. As above.
1025-1030	Claystone Limestone	100 Tr	As above. As above.
1030-1035	Claystone Limestone	100 Tr	Medium grey to medium dark grey, rarely dark green grey, slightly to locally moderately calcareous, silty in part grading, very fine arenaceous in part, trace to minor carbonaceous specks, rare nodular pyrite, soft to plastic, blocky in part. As above

1035-1040	Claystone Limestone	100 Tr	Dominantly as above, very rare very well rounded, coarse, quartz sand grains, trace micro pyrite. As above
1040-1050	Claystone	100	As above
1050-1060	Claystone Limestone	100 Tr	As above As above
1060-1065	Claystone	100	Dominantly as above, rare muscovite.
1065-1070	Claystone	100	Medium grey to olive grey, minor medium dark grey, rare bluish grey, slightly to dominantly moderately calcareous, locally slightly silty, rare Foraminifera, rare carbonaceous material, trace micro pyrite, soft to locally firm, plastic in part, minor amorphous to dominantly sub blocky.
1070-1075	Claystone	100	As above
1075-1085	Claystone	100	Dominantly as above, rare pelletal glauconite.
1085-1090	Claystone	100	As above
1090-1095	Claystone	100	As above, rare muscovite and micromicaceous biotite.
1095-1100	Claystone	100	As above
1100-1105	Claystone Limestone	100 Tr	As above Calcarenite to Calcisiltite, white to very light grey, rarely dolomitic, common medium to coarse calcite spar, occasionally coralline fragments, brittle to hard in part, blocky, nil to poor porosity, no show.
1105-1110	Claystone Limestone	100 Tr	As above As above
1110-1115	Claystone Limestone	100 Tr	As above As above
1115-1120	Claystone	100	Medium grey to olive grey, dominantly moderately calcareous, trace nodular pyrite, minor disseminated pyrite, rare Foraminifera, very rare carbonaceous material, rare muscovite, rare micromicaceous biotite, soft to firm, plastic in part, sub blocky to rarely blocky in part.
1120-1125	Claystone	100	Dominantly medium grey otherwise as above
1125-1130	Claystone	100	As above rarely hygoturgid in part
1130-1135	Claystone Limestone	100 Tr	Medium grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, rare Foraminifera, rare micromicaceous biotite, soft to plastic in part, subblocky to rarely blocky in part. Calcilutite, yellowish grey, pale yellowish brown, dominantly micritic, minor dolomitic, hard, blocky, nil to poor visible porosity.
1135-1140	Claystone	100	As above, rare brownish stained very fine, subangular to subround, quartz sand grains in part.
1140-1145	Claystone	100	As above
1145-1150	Claystone Limestone	95 5	As above As above, trace coralline fragments, rare sponge fragments.
1150-1155	Claystone Limestone	100 Tr	As above As above

1155-1160	Claystone	100	As above
1160-1165	Claystone	100	Dominantly as above becoming medium grey to brownish grey.
1165-1170	Claystone	100	As above
1170-1175	Claystone Limestone	90 10	As above becoming olive grey to medium grey. As above
1175-1180	Claystone Siltstone	100 Tr	As above Brownish grey, very slightly carbonaceous, slightly arenaceous in part, slightly calcareous, soft, subblocky.
1180-1185	Claystone Siltstone Sandstone	70 10 20	As above As above Transparent to translucent, common yellow brown staining, fine, very well sorted, angular to well rounded, dominantly subangular-subround, spherical, no visible cement, no visible matrix, common to abundant brown and black lithic grains, disaggregated, good inferred porosity, no shows.
1185-1190	Claystone Sandstone	70 30	Olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft to plastic in part, sub blocky to rarely blocky in part, dominantly grading to Siltstone. Dominantly as above, trace yellow brown staining, weak calcareous cement, abundant argillaceous matrix, trace firm friable aggregates, poor visible porosity, no show.
1190-1195	Siltstone Sandstone	60 40	olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft, plastic in part, subblocky, in part grading to Claystone. Dominantly as above, fine to medium grained, moderately well sorted.
1195-1200	Siltstone Sandstone	40 60	As above Dominantly as above, fine to rarely coarse grained, dominantly fine to medium, poorly sorted
1200-1205	Claystone Siltstone Sandstone	10 40 50	Light bluish grey, medium bluish grey, slightly calcareous, common calcareous veining, soft, subblocky. As above As above
1205-1210	Claystone Siltstone Sandstone	10 60 30	As above As above As above
1210-1215	Claystone Siltstone Sandstone Limestone	20 60 10 10	As above As above As above Calcisiltite, yellow brown, off white, trace to common Bryozoa, trace coralline fragments, microcrystalline, brittle to hard, fair visible porosity in part, no show.
1215-1220	Claystone Siltstone Sandstone Limestone	30 60 5 5	As above As above As above As above

1220-1225	Claystone Siltstone Sandstone	Tr 30 70	As above As above Brownish grey, transparent to translucent quartz grains, trace yellow brown staining, dominantly fine, rarely medium to coarse, moderate to well sorted, subangular to well rounded, dominantly subangular to subround, no visible cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly disaggregated, fair inferred porosity, poor to fair visible porosity, no shows.
1225-1230	Claystone Siltstone Sandstone	Tr 40 60	As above As above As above
1230-1235	Claystone Siltstone Sandstone	Tr 50 50	As above As above, trace carbonaceous material, rare Foraminifera As above, dominantly fine grained, very well sorted, subround, spherical
1235-1240	Siltstone Sandstone	40 60	As above As above
1240-1245	Claystone Siltstone Sandstone	Tr 50 50	Light bluish grey, medium bluish grey, slightly calcareous, common calcareous veining, soft, subblocky As above As above
1245-1250	Siltstone Sandstone	40 60	Olive grey to medium dark grey, slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft, plastic in part, subblocky, in part grading to Claystone. As above
1250-1255	Siltstone Sandstone	50 50	As above As above
1255-1260	Claystone	100	Medium dark grey to dark grey, non to very slightly calcareous, minor to common micro pyritic, silty in part, soft, plastic to minor subblocky in part.
1260-1265	Claystone	100	As above
1265-1270	Claystone	100	As above
1270-1275	Claystone	100	Dominantly as above, trace light brownish grey.
1275-1280	Claystone	100	As above
1280-1285	Claystone	100	As above
1285-1290	Claystone	100	Medium dark grey to dark grey, light brownish grey, non to very slightly calcareous, trace pyritic, slightly silty in part, soft, plastic to minor subblocky in part, firm to moderately hard in part .
1290-1295	Claystone	100	Medium dark grey to dark grey, non to very slightly calcareous, trace pyritic, slightly silty in part, soft, plastic to minor subblocky in part, firm to moderately hard in part .
1295-1300	Claystone	100	As above
1300-1303	Claystone	100	As above, slightly sticky in part, trace carbonaceous material
1303-1306	Claystone	100	As above
1306-1309	Claystone	100	As above
1309-1312	Claystone	100	As above grading in part to siltstone

1312-1315	Claystone	100	As above increasingly grading to siltstone.
1315-1318	Siltstone	100	Medium dark grey to dark grey, non to very slightly calcareous, trace pyritic, rare Foraminifera, argillaceous in part, grading to Claystone in part, soft to firm, rare to trace plastic, dominantly subblocky, trace blocky.
1318-1321	Siltstone	100	As above
1321-1324	Claystone	100	Brownish grey, non to very slightly calcareous, trace pyritic, soft, amorphous
1324-1327	Claystone Siltstone Sandstone	30 60 10	As above As above Light olive grey, transparent to translucent quartz grains, very fine to fine, well sorted, subangular to subround, spherical, weak calcareous cement, minor dolomitic cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly disaggregated, common shell fragments, trace nodular pyrite, fair inferred porosity, poor to fair visible porosity, no shows.
1327-1330	Siltstone Sandstone	40 60	As above Dominantly as above, fine to medium grained, moderately sorted.
1330-1333	Claystone Siltstone Sandstone	20 40 40	As above As above, rare nodular pyrite As above
1333-1336	Claystone Sandstone	40 60	As above As above
1336-1339	Claystone Sandstone	40 60	As above As above
1339-1342	Claystone Sandstone	50 50	Brownish grey, non to very slightly calcareous, rare to trace pyritic, soft, amorphous As above
1342-1345	Claystone Sandstone	60 40	As above As above,
1345-1351	Claystone Sandstone	40 60	As above Dominantly as above, fine to very coarse, subround to round, poorly sorted
1351-1354	Claystone Sandstone	40 60	As above As above including rare subround quartz granules and small quartz pebbles
1354-1357	Claystone Sandstone	30 70	As above As above
1357-1360	Claystone Sandstone	70 30	As above As above
1360-1363	Claystone Sandstone	60 40	As above As above
1363-1366	Claystone Sandstone	60 40	As above Dominantly as above, trace glauconite in part
1366-1372	Claystone Sandstone	70 30	Brownish grey, non to very slightly calcareous, trace pyritic, trace Foraminifera, soft, amorphous

1372-1375	Claystone Sandstone	70 30	As above Light olive grey, transparent to translucent quartz grains, fine, very rare granules, dominantly well sorted, subangular to subround, spherical, weak calcareous cement, minor dolomitic cement, minor to common argillaceous and silty matrix, minor friable aggregates, dominantly disaggregated, common shell fragments in part, trace nodular pyrite, fair inferred porosity, poor to fair visible porosity, no shows.
1375-1378	Claystone Sandstone	80 20	As above As above
1378-1381	Claystone Sandstone	90 10	As above Dominantly as above, trace bit generated rock flour
1381-1384	Claystone Sandstone	80 20	As above As above
1384-1387	Claystone Sandstone	80 20	As above As above
1387-1390	Claystone Sandstone	70 30	As above As above
1390-1393	Sandstone Claystone Coal	40 50 10	Quartzose, medium light to medium grey, very fine to fine, subangular, well sorted, weak calcareous cement, abundant, argillaceous matrix, trace lithic fragments, friable, very poor porosity, no fluorescence. Brown grey to olive black, very silty, common very fine quartz sand, slightly micromicaceous, soft, slightly dispersive, massive. Black, subbituminous, dull lustre, earthy texture, firm, blocky.
1393-1396	Sandstone Claystone Coal	60 40 Tr	As above. As above. As above.
1396-1399	Sandstone Claystone Coal	70 30 Tr	As above. As above. As above.
1399-1402	Sandstone Claystone Coal	70 30 Tr	Predominantly as above, common very coarse to granular angular milky quartz float. As above. As above.
1402-1405	Sandstone Claystone Coal	60 40 Tr	Quartzose, clear to translucent, frosted, medium grey in part, fine to predominantly coarse to very coarse, angular to subround, poor sorting, weak calcareous cement, locally common argillaceous matrix, abundant very coarse milky quartz, trace Fe stained quartz, friable to predominantly disaggregated, fair to good porosity, no fluorescence. As above. As above,
1405-1408	Sandstone Claystone	70 30	As above. As above.

1408-1411	Sandstone	80	Quartzose, brown grey to light brown grey, very fine to fine, subangular, well sorted, moderate calcareous cement, very argillaceous matrix, trace carbonaceous specks, trace lithic fragments, friable, very poor to poor porosity, 100% even dull yellow gold mineral fluorescence only, no cut, no stain.
	Claystone	20	Brown grey to olive grey, moderately silty, locally very arenaceous, slightly micromicaceous, soft, massive to amorphous.
1411-1414	Sandstone	70	Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, subangular to angular, poor to moderate sorting, locally weak calcareous cement, trace nodular pyrite, abundant coarse fractured milky quartz float, friable to predominantly disaggregated, fair to good porosity, no fluorescence, 20% mineral fluorescence as above.
	Claystone	30	As above.
1414-1417	Sandstone	90	Quartzose, brown grey to light brown grey, very fine to fine, subangular, well sorted, moderate calcareous cement, very argillaceous matrix, trace carbonaceous specks, trace lithic fragments, occasionally coarse milky quartz float, friable, very poor to poor porosity, no fluorescence.
	Claystone	10	As above.
	Coal	Tr	Black, subbituminous, dull lustre, earthy texture, firm, blocky.
1417-1420	Sandstone	60	As above.
	Claystone	30	As above.
	Coal	10	As above.
1423-1426	Sandstone	80	Quartzose, clear to translucent, frosted, coarse to predominantly very coarse to granular, angular to subangular, moderately sorted, trace dolomitic cement, predominantly clean, common smoky quartz, trace nodular pyrite, disaggregated, good porosity, no fluorescence.
	Coal	20	As above.
1426-1429	Sandstone	90	As above.
	Coal	10	As above.
1429-1432	Sandstone	70	Predominantly as above, becomes medium to predominantly coarse, occasionally nodular pyrite, trace muscovite.
	Claystone	30	Brown grey to olive grey, very silty grades to argillaceous siltstone in part, common very fine quartz sand, slightly micromicaceous, occasionally shelly debris, soft to firm, massive.

1432-1435	Sandstone	70	Quartzose, clear to translucent, frosted, light olive grey in part, fine to medium, coarse in part, subangular to angular, poor to moderately sorting, weak dolocalcareous cement, trace light brown argillaceous matrix in part, trace muscovite, common coarse smoky quartz, rare nodular pyrite, friable to predominantly disaggregated, fair to good porosity, no fluorescence.
	Claystone	30	Medium dark grey to olive black in part, slightly silty in part, trace carbonaceous specks, slightly micromicaceous, soft to firm, massive to blocky.
1435-1438	Sandstone	90	As above.
	Claystone	10	As above.
1438-1441	Sandstone	100	Quartzose, clear to translucent, frosted, medium to coarse, angular to subround, moderately sorted, clean, trace muscovite, common smoky quartz, disaggregated, good porosity, no fluorescence.
1441-1444	Sandstone	90	Predominantly as above, becomes medium to coarse.
	Claystone	10	Medium dark grey to olive black in part, slightly silty in part, trace carbonaceous specks, slightly micromicaceous, soft to firm, massive to blocky.
1444-1447	Sandstone	80	Quartzose, clear to translucent, frosted, light grey in part, medium to predominantly coarse to very coarse, angular to subround, poor sorting, locally weak calcareous cement, predominantly clean, common coarse milky/smoky quartz, trace muscovite, trace shelly/coralline debris, trace coarse nodular pyrite, disaggregated, fair to good porosity, no fluorescence.
	Claystone	20	Predominantly as above, becomes blue grey in part.
1447-1450	Sandstone	90	As above.
	Claystone	10	As above.
1450-1453	Sandstone	40	Quartzose, clear to translucent, frosted, light grey, medium to very coarse, angular to subrounded, poor sorting, locally strong dolocalcareous cement, common smoky/milky quartz, tr nodular pyrite, hard aggregates, disaggregated in part, poor to fair porosity, 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.
	Claystone	60	Dark grey to dusky blue, slightly calcareous, locally silty, slightly micromicaceous, trace fossil fragments, trace calcite infill, smooth texture in part, plastic to firm, blocky to subfissile.
1453-1456	Sandstone	20	Predominantly as above, common nodular pyrite, !00% fluorescence as above.
	Claystone	80	As above.
1456-1459	Claystone	100	Light brown grey to pale yellow brown, slightly silty, slightly arenaceous in part, trace carbonaceous fragments and microlaminae, slightly micromicaceous, trace fossil fragments, soft to firm in part, massive to amorphous, occasionally blocky.

1459-1462	Sandstone	70	Quartzose, brown grey to olive grey in part, fine to medium, subangular to subrounded, moderate sorting, strong dolocalcareous cement, trace lithic fragments, trace nodular pyrite, hard, very poor to nil porosity. 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.
	Claystone	30	As above.
1462-1465	Sandstone	70	Predominantly as above, locally common coarse milky quartz float, becomes disaggregated in part. 50% fluorescence as above.
	Claystone	30	
	Coal	10	As above. Black, subbituminous, dull to subvitreous lustre, earthy texture in part, brittle, blocky, subfissile in part.
1465-1468	Sandstone	80	As above. 30% fluorescence as above.
	Claystone	20	As above.
	Coal	Tr	As above.
1468-1471	Sandstone	70	As above. 30% Fluorescence as above.
	Claystone	30	As above.
1471-1474	Sandstone	100	Quartzose, clear to translucent, frosted, light grey in part, coarse to very coarse, angular to subangular, moderately sorted, locally dolocalcareous cement, predominantly clean, common very coarse fractured milky quartz grains, common smoky quartz, occasionally nodular pyrite, disaggregated, good porosity. 10% fluorescence as above.
1474-1477	Sandstone	90	Quartzose, clear to translucent, frosted, light brown grey in part, medium to predominantly coarse to very coarse, granular in part, angular to subangular, poor sorting, locally strong dolocalcareous cement, trace siderite cement, common granular fractured milky quartz, trace nodular pyrite, rare quartz overgrowths, locally hard aggregates, predominantly disaggregated, poor to fair porosity, 50% moderately bright pale yellow gold mineral fluorescence, no cut, no stain.
	Claystone	10	Medium dark grey to olive grey, slightly calcareous, slightly silty, trace lithic fragments, trace carbonaceous material, micromicaceous , firm, blocky, subfissile in part.
1477-1480	Sandstone	90	Predominantly as above, common white calcite cement, common coarse smoky quartz float, 20% fluorescence as above.
	Claystone	10	as above.
1480-1483	Sandstone	20	As above.
	Coal	80	Grey black to black, subbituminous, dull to subvitreous lustre, slightly argillaceous in part, brittle, moderately hard in part, blocky.
1483-1486	Sandstone	60	Predominantly as above, locally kaolinitic matrix, no fluorescence.
	Claystone	10	Medium dark grey to olive grey, slightly calcareous, slightly silty, trace lithic fragments, trace carbonaceous material, micromicaceous , firm, blocky, subfissile in part.
	Coal	30	As above.

1486-1489	Sandstone	100	Quartzose, clear to transl, frosted, very coarse to granular, angular to subangular, poor to moderate sorting, clean, trace quartz overgrowths, common fractured granular milky quartz, disaggregated, good porosity, no fluorescence.
1489-1492	Sandstone	100	Predominantly as above, trace nodular pyrite and occasionally pyrite cement.
1492-1495	Sandstone	100	As above.
1495-1498	Sandstone Claystone Coal	95 5 Tr	As above. Medium dark grey to olive grey, slightly calcareous, slightly silty, trace lithic fragments, trace carbonaceous material, micromicaceous , firm, blocky, subfissile in part. Grey black to black, subbituminous, dull to subvitreous lustre, slightly argillaceous in part, brittle, moderately hard in part, blocky.
1498-1501	Sandstone	100	As above.
1501-1504	Sandstone Claystone Coal	90 10 Tr	Quartzose, clear to translucent, frosted, very coarse to granular, angular to subangular, occasionally subrounded, moderately sorted, clean, trace pyritic cement and nodular pyrite, common fractured granular milky quartz, disaggregated, good porosity, no fluorescence. Medium brown grey to olive grey, slightly calcareous in part, locally slightly silty, micromicaceous, trace carbonaceous specks, occasionally lithic fragments, firm, blocky to subfissile in part As above.
1504-1507	Sandstone Claystone Coal	80 15 5	Predominantly as above, locally kaolinitic/silty matrix, trace muscovite. As above. As above.
1507-1510	Sandstone Claystone Coal	70 20 10	Quartzose, clear to translucent, frosted, very coarse to granular, angular to subangular, occasionally subrounded, moderately sorted, predominantly clean, trace pyritic cement and nodular pyrite, common fractured granular milky quartz, disaggregated, good porosity, Trace dull yellow gold mineral fluorescence only, no cut, no stain. As above. As above.
1510-1513	Sandstone	100	Quartzose, clear to translucent, frosted, very coarse to granular, angular to subrounded, poor sorting, clean, trace pyritic cement and nodular pyrite, trace quartz overgrowths, trace smoky quartz, disaggregated, good porosity, no fluorescence.
1513-1516	Sandstone	100	As above.
1516-1519	Sandstone	100	As above
1519-1522	Sandstone Coal	100 Tr	As above As above

1522-1525	Sandstone Claystone	95 5	As above Medium brown grey to olive grey, slightly calcareous in part, locally commonly silty, micromicaceous, trace carbonaceous specks, occasionally lithic fragments, firm, subblocky, grading in part to siltstone.
1525-1528	Sandstone	100	Dominantly as above medium to granular, very poor sorting
1528-1531	Sandstone Coal	100 Tr	As above As above
1531-1534	Sandstone	100	As above
1534-1537	Sandstone	100	Dominantly as above, medium to very coarse, trace granular
1537-1540	Sandstone	100	As above
1540-1543	Sandstone	100	As above
1543-1546	Sandstone	100	Dominantly as above, rare fine to dominantly coarse to very coarse, rare granular, rare pyrite nodular and pyritic cement
1546-1549	Sandstone	100	As above
1549-1552	Sandstone	100	As above
1552-1555	Sandstone Coal	95 5	Quartzose, clear to translucent, frosted, fine to granular, angular to subrounded, very poor sorting, clean, trace quartz overgrowths, trace smoky quartz, disaggregated, good porosity, no fluorescence. Grey black to black, subbituminous, dull to subvitreous lustre, slightly argillaceous in part, subconcoidal in part, moderately hard, hard in part, rare subfissile, dominantly blocky.
1555-1558	Sandstone Claystone Coal	40 60 Tr	As above, (possible cavings) Yellowish grey to light brownish grey, medium light grey, slightly calcareous, slightly silty, dominantly dispersive, amorphous soft, trace subblocky. As above
1558-1561	Sandstone Claystone Coal	20 60 20	As above Dominantly as above, also medium grey, slightly carbonaceous Grey black to black, subbituminous, dull to subvitreous lustre, commonly argillaceous in part, rarely subconcoidal, dominantly brittle, rare subfissile, dominantly blocky
1561-1564	Sandstone Claystone Coal	10 90 Tr	As above As above becoming slightly to moderately silty As above
1564-1567	Sandstone Claystone	20 90	As above As above, increasingly grading to siltstone, trace blocky
1567-1570	Sandstone Claystone	70 30	As above As above
1570-1573	Sandstone Claystone	90 10	As above dominantly medium to coarse grained, rare granules As above

1573-1576	Sandstone	20	Quartzose, clear to translucent, frosted, medium to rarely granular, angular to subrounded, very poor sorting, clean, rare quartz overgrowths, trace to minor nodular pyrite, trace smoky quartz, disaggregated, good porosity, no fluorescence.
	Claystone	80	Yellowish grey to light brownish grey, medium light grey, slightly calcareous, slightly silty, commonly dispersive, amorphous soft, trace subblocky.
1576-1579	Sandstone	10	As above
	Claystone	60	As above
	Coal	30	Grey black to rarely black, dull to rarely subvitreous lustre, very argillaceous, dominantly brittle, moderately hard, dominantly blocky
1579-1582	Sandstone	30	Predominantly as above, very fine to granular, very poor sorting.
	Claystone	60	As above
	Coal	10	As above
1582-1585	Sandstone	90	As above
	Claystone	Tr	As above
1585-1588	Sandstone	70	Predominantly as above, medium to granular, dominantly coarse, poor sorting.
	Claystone	30	As above occasional carbonaceous laminae.
1588-1591	Sandstone	80	As above
	Claystone	20	As above
1591-1594	Sandstone	40	As above
	Claystone	20	As above
	Coal	40	Black, subbituminous, vitreous lustre, concoidal fracture, rare quartz sand inclusions, blocky, brittle, hard.
1594-1597	Sandstone	10	As above
	Coal	90	As above
1597-1600	Sandstone	10	As above
	Claystone	60	As above
	Coal	30	As above
1600-1603	Sandstone	60	Quartzose, clear to translucent, frosted, medium to granular, dominantly coarse, angular to subrounded, poor sorting, clean, rare quartz overgrowths, trace to minor nodular pyrite, trace smoky quartz, disaggregated, good porosity, trace bright yellow mineral fluorescence
	Claystone	30	As above
	Coal	10	As above
1603-1606	Sandstone	80	As above rare nodular pyrite
	Claystone	20	As above
1606-1609	Sandstone	80	As above
	Claystone	20	As above
1609-1612	Sandstone	80	As above
	Claystone	20	As above
1612-1615	Sandstone	70	As above
	Claystone	30	As above

1615-1618	Sandstone	80	Quartzose, clear to translucent, frosted, medium to dominantly granular, angular to subrounded, poor sorting, clean, rare quartz overgrowths, trace nodular pyrite, trace smoky quartz, disaggregated, good porosity. Trace: moderately bright yellow direct fluorescence, very slow dull yellow white streaming cut fluorescence, no staining.
	Claystone	20	As above
1618-1621	Sandstone	90	As above, trace bright yellow mineral fluorescence.
	Claystone	10	Yellowish grey to light brownish grey, medium light grey, slightly calcareous, carbonaceous laminae in part, commonly dispersive, amorphous soft, trace firm and subblocky.
	Coal	Tr	As above
1621-1624	Sandstone	95	As above, Trace moderately bright yellow direct fluorescence, very slow dull yellow white streaming cut fluorescence, no staining
	Claystone	5	As above
	Coal	Tr	As above
1624-1627	Sandstone	60	As above
	Coal	40	Black, subbituminous, vitreous lustre, concoidal fracture, rare quartz sand inclusions, blocky, brittle, hard.
1627-1630	Sandstone	30	As above
	Coal	70	As above
1630-1633	Sandstone	40	As above
	Claystone	40	Predominantly as above, in part grading to mottled siltstone.
	Coal	20	As above
1633-1636	Sandstone	50	Predominantly as above, clear, translucent, rare slightly argillaceous friable aggregates, very fine to fine, subangular-subround, well sorted, slightly calcareous, and trace dolomitic, cement, poor visible porosity, 20% bright yellow fluorescence, no cut fluorescence. 5% dull yellow direct pin point fluorescence, diffuse milky cut fluorescence, no stain.
	Claystone	30	As above
	Coal	20	As above
1636-1639	Sandstone	60	As above
	Claystone	30	As above
	Coal	10	As above, crumbly in part.
1639-1642	Sandstone	100	Quartzose, clear to translucent, frosted, medium to dominantly granular, angular to subrounded, poor sorting, clean, rare quartz overgrowths, trace smoky quartz, disaggregated, good porosity. 80% moderately bright yellow pin point direct fluorescence, diffuse milky cut fluorescence, no staining
	Claystone	Tr	As above
	Coal	Tr	As above
1642-1645	Sandstone	95	As above, fluorescence as above
	Claystone	5	As above
1645-1648	Sandstone	100	As above

1648-1651	Sandstone	90	Quartzose, clear to translucent, frosted, coarse to very coarse, angular to subround, moderately sorted, clean, trace pyrite cement in part, occasionally quartz overgrowths, trace smoky quartz, disaggregated, good porosity, trace fluorescence as above.
	Claystone	10	Dark grey to olive black, slightly calcareous in part, occasionally slightly silty, trace carbonaceous specks, slightly micromicaceous, soft to firm, massive to subfissile in part.
	Coal	Tr	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile
1651-1654	Sandstone	80	Predominantly as above, trace dusky yellow brown cryptocrystalline dolomite inclusions, trace fluorescence as above.
	Claystone	20	As above.
	Coal	Tr	As above.
1654-1657	Sandstone	80	Quartzose, clear to translucent, frosted, light grey in part, medium to coarse, angular to subround, poor sorting, weak calcareous cement in part, trace pyritic cement, common very coarse milky quartz float, occasionally Fe stained quartz, disaggregated, fair porosity, dull orange mineral fluorescence only, no cut, no stain.
	Claystone	20	As above.
1657-1660	Sandstone	70	Predominantly as above, locally common dolocalcareous cement, dull orange mineral fluorescence only.
	Claystone	30	As above
	Coal	Tr	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile.
1660-1663	Sandstone	90	As above.
	Claystone	10	As above.
	Coal	Tr	As above.
1663-1666	Sandstone	70	Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subround, moderately sorted, weak calcareous cement in part, occasionally pyritic cement, locally common nodular pyrite, common very coarse fractured milky, quartz float, disaggregated, fair to good porosity, no fluorescence.
	Claystone	30	Brown grey to olive grey, slightly silty, slightly calcareous in part, trace carbonaceous specks, slightly micromicaceous, occasionally lithic fragments, soft, firm in part, massive to blocky in part.
1666-1669	Sandstone	20	Predominantly as above, locally common calcareous cement, poor to fair porosity, no fluorescence.
	Claystone	80	As above.

1669-1672	Sandstone	80	Quartzose, clear to translucent, frosted, light brown grey to pale yellow brown in part, medium to very coarse, angular to subrounded, poor sorting, strong dolocalcareous cement, locally siliceous cement, common kaolinitic inclusions, trace nodular pyrite, trace coaly fragments, trace quartz overgrowths, hard aggregates, predominantly disaggregated, poor porosity, 70% moderately bright pale yellow mineral fluorescence only, no cut, no stain.
	Claystone	20	Dark grey to olive black, slightly silty, slightly calcareous, tr lithic fragments, trace carbonaceous specks, micromicaceous, soft to firm, massive, subfissile in part.
1672-1675	Sandstone	90	Predominantly as above, common very coarse to granular milky quartz float, 60% fluorescence as above,
	Claystone	10	As above.
1675-1678	Sandstone	100	As above, 100% fluorescence as above.
	Claystone	Tr	As above.
1678-1681	Sandstone	90	Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor sorting, locally strong dolocalcareous cement, trace siliceous cement, trace pyritic cement and nodular pyrite, trace muscovite, occasionally coaly fragments, common very coarse/granular milky quartz float, locally kaolinitic inclusions, trace quartz overgrowths, hard aggregates, predominantly disaggregated, poor porosity, 30% fluorescence as above.
	Claystone	10	Brown black to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, slightly micromicaceous, firm, blocky to subfissile in part.
1681-1684	Sandstone	90	As above, 20% fluorescence as above.
	Claystone	10	As above.
1684-1687	Sandstone	100	Predominantly as above, become very coarse to granular, common kaolinitic inclusions, 30% fluorescence as above.
1687-1690	Sandstone	100	Predominantly as above, medium to very coarse, common muscovite, trace smoky quartz, 30% fluorescence as above.
	Claystone	Tr	Brown black to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, slightly micromicaceous, firm, blocky to subfissile in part.
1690-1693	Sandstone	100	Predominantly as above, becomes medium to very coarse, 30% fluorescence as above.
1693-1696	Sandstone	100	As above.
1696-1699	Sandstone	70	Predominantly as above locally common fine to medium moderately hard aggregates. 30% fluorescence as above.
	Claystone	20	Brown black to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, slightly micromicaceous, firm, blocky to subfissile in part.
	Coal	10	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile.

1699-1702	Sandstone	100	Quartzose, clear to translucent, frosted, medium to coarse, subangular to subround, good sorting, clean, trace nodular pyrite, trace muscovite, occasionally Fe stained quartz, trace smoky quartz, trace coaly fragments, disaggregated, good porosity, no fluorescence.
1702-1705	Sandstone	100	As above.
1705-1708	Sandstone	100	As above.
1708-1711	Sandstone	100	As above.
1711-1714	Sandstone	70	Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor sorting, moderately strong dolocalcareous cement, siliceous cement in part, trace pyritic cement and nodular pyrite, trace kaolinitic inclusions, trace smoky quartz, occasionally quartz overgrowths, hard aggregates, predominantly disaggregated, poor porosity, 10% moderately bright pale yellow mineral fluorescence, no cut, no stain.
	Claystone	20	Brown black to olive grey, blue grey in part, slightly calcareous, silty in part, trace carbonaceous specks, occasionally fossil fragments, slightly micromicaceous, firm, blocky to subfissile in part.
	Coal	10	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile.
1714-1717	Sandstone	80	As above, 10% fluorescence as above.
	Claystone	20	As above.
1717-1720	Sandstone	90	As above, no fluorescence.
	Claystone	10	As above.
1720-1723	Sandstone	100	As above, no fluorescence.
1723-1726	Sandstone	70	As above, 10% moderately bright pale yellow mineral fluorescence, no cut, no stain.
	Claystone	25	Brown black to olive grey, blue grey in part, slightly calcareous, silty in part, trace carbonaceous specks, occasionally fossil fragments, slightly micromicaceous, firm, blocky to subfissile in part.
	Coal	5	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile.
1726-1729	Sandstone	60	As above 10% moderately bright pale yellow mineral fluorescence, no cut, no stain
	Claystone	40	As above
1729-1732	Sandstone	90	As above, 10% Fe staining 10% moderately bright pale yellow, 10% orange, mineral fluorescence, no cut, no stain.
	Claystone	10	As above
1732-1735	Sandstone	100	As above, Fluorescence as above
	Claystone	Tr	As above

1735-1738	Sandstone	90	Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, rare granular, angular to subround, poor sorting, moderately strong dolocalcareous cement, siliceous cement in part, trace pyritic cement and nodular pyrite, common muscovite, trace smoky quartz, occasionally quartz overgrowths, rare hard aggregates, predominantly disaggregated, poor porosity, 10% moderately bright pale yellow, bright orange mineral fluorescence, no cut, no stain.
	Claystone	10	As above
1738-1741	Sandstone	80	As above
	Claystone	20	As above
	Coal	Tr	Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky
1741-1744	Sandstone	100	Quartzose, clear to translucent, frosted, medium to coarse, subangular to subround, well sorted, trace siliceous cement, trace minor Fe staining, smoky quartz, occasionally quartz overgrowths, clean, disaggregated, good inferred porosity, 10% moderately bright pale yellow and orange mineral fluorescence, no cut, no stain
1744-1747	Sandstone	100	As above
1747-1750	Sandstone	100	As above
	Claystone	Tr	As above
1750-1753	Sandstone	80	Predominantly as above, fine to very coarse, very poorly sorted, fluorescence as above.
	Claystone	10	Brown black to olive grey, blue grey in part, slightly calcareous, silty in part, trace carbonaceous specks, occasionally fossil fragments, slightly micromicaceous, firm, blocky.
	Coal	10	As above
1753-1756	Sandstone	70	As above
	Coal	30	As above
1756-1759	Sandstone	50	As above, dominantly fine to medium, common coarse, well sorted. Tr bright pale yellow mineral fluorescence no cut no stain.
	Coal	50	As above
1759-1762	Sandstone	10	As above
	Coal	30	As above
	Claystone	60	Pale brown to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, occasionally fossil fragments, dominantly soft amorphous, dispersive, trace firm, subblocky.
1762-1765	Sandstone	90	As above
	Claystone	10	As above
1765-1768	Sandstone	30	Predominantly as above, trace nodular pyrite and pyritic cement, no show
	Claystone	70	As above becoming silty
1768-1771	Sandstone	95	As above
	Coal	5	As above

1771-1774	Sandstone Coal	95 5	As above As above
1774-1777	Sandstone Claystone	60 40	Quartzose, clear to translucent, frosted, medium to granular, dominantly coarse to granular, subangular to subround, poorly sorted, trace siliceous cement, trace Fe staining, smoky quartz, occasionally quartz overgrowths, clean, disaggregated, fair inferred porosity, Trace moderately bright yellow and orange mineral fluorescence, no cut, no stain Brown black to olive grey, blue grey in part, slightly calcareous, locally silty, trace carbonaceous specks, occasionally fossil fragments, slightly micromicaceous, firm, blocky.
1777-1780	Sandstone	100	Quartzose, clear to translucent, frosted, medium to coarse, subangular to subround, well sorted, trace muscovite, minor quartz overgrowths, trace Fe staining, clean, disaggregated, good inferred porosity, no show
1780-1783	Sandstone	100	As above
1783-1786	Sandstone	100	As above
1786-1789	Sandstone	100	As above
1789-1792	Sandstone	100	As above, trace fine, dominantly medium to coarse,
1792-1795	Sandstone Claystone	80 20	As above, abundant nodular pyrite and pyritic cement, trace hard aggregates. As above
1795-1798	Sandstone Coal	90 10	As above As above
1798-1801	Sandstone Claystone Coal	80 20 Tr	Quartzose, clear to translucent, frosted, medium to granular, subangular to subround, moderately well sorted, trace muscovite, minor quartz overgrowths, trace Fe staining, trace bit generated rock flour clean, disaggregated, good inferred porosity, Tr pale yellow mineral fluorescence, no cut no stain. As above Brown black, subbituminous, trace argillaceous, subvitreous lustre, subconchoidal fracture, moderately hard, blocky
1801-1804	Sandstone Claystone Coal	40 60 Tr	As above medium to granular, very fine sand matrix poor sorting., no show Pale yellowish brown, blue grey in part, slightly calcareous, locally very silty, trace carbonaceous specks, occasionally fossil fragments, slightly micromicaceous, dominantly soft amorphous, dispersive, trace firm, blocky. As above
1804-1807	Sandstone Claystone Coal	20 70 10	As above As above As above
1807-1810	Sandstone Claystone	10 90	As above As above
1810-1813	Sandstone Claystone	20 80	As above common bit generated rock flour As above

1813-1816	Sandstone Claystone	40 60	As above Blue grey, trace pale yellowish brown and brownish black, slightly calcareous, locally silty, occasionally fossil fragments, slightly micromicaceous, dominantly firm blocky, trace soft dispersive, amorphous
1816-1819	Sandstone Claystone	70 30	Dominantly as above, common bit generated rock flour, no shows. As above
1819-1822	Sandstone Coal	10 90	As above Black, subbituminous, vitreous lustre, dominantly conchoidal fracture, brittle, blocky
1822-1825	Sandstone Claystone Coal	80 20 Tr	Dominantly as above, common bit generated rock flour, no shows. As above common carbonaceous laminae As above
1825-1828	Sandstone Claystone Coal	50 40 10	Dominantly as above, common bit generated rock flour, no shows. As above As above
1828-1831	Sandstone Claystone	60 40	Quartzose, light grey, clear to translucent, frosted, very fine to granular, predominantly fine to medium, subangular to subround, poorly sorted, trace lithic grains, common bit generated rock flour, abundant argillaceous matrix, commonly disaggregated larger fraction, moderately hard aggregates, poor inferred porosity, no show As above
1831-1834	Sandstone Claystone Coal	70 30 Tr	As above As above As above
1834-1837	Sandstone Claystone Coal	90 Tr 10	Dominantly as above fine to granular, dominantly coarse to granular, minor bit generated rock flour. As above As above
1837-1840	Sandstone Claystone Coal	20 70 10	As above As above grading in part to Siltstone. As above
1840-1843	Sandstone Claystone Coal	90 10 Tr	As above, clean As above Brown black, bituminous, subvitreous lustre, trace conchoidal fracture, dominantly subconchoidal, moderately hard, blocky

1843-1846	Sandstone	80	Quartzose, clear to translucent, frosted, medium to granular, predominantly coarse to granular, angular to subround, moderately sorted, common muscovite, trace lithic grains, disaggregated good inferred porosity, no show
	Claystone	10	Blue grey, trace pale yellowish brown and brownish black, slightly calcareous, locally silty, occasionally fossil fragments, slightly micromicaceous, dominantly firm blocky, trace soft dispersive, amorphous
	Coal	10	As above
1846-1849	Sandstone	100	Dominantly as above, trace fine grained pyrite cemented aggregates, moderately hard.
	Claystone	Tr	As above
1849-1852	Sandstone	90	Quartzose, clear to translucent, frosted, medium to granular, predominantly coarse to granular, angular to subround, moderately sorted, common muscovite, trace lithic grains, disaggregated good inferred porosity, no show
	Claystone	10	As above
1852-1855	Sandstone	100	As above
	Claystone	Tr	As above
1855-1858	Sandstone	90	As above, coarse to granular
	Claystone	10	As above
1858-1861	Sandstone	70	As above
	Claystone	30	As above
1861-1864	Sandstone	30	As above
	Claystone	70	Off white, blue grey, trace pale yellowish brown and brownish black, slightly calcareous, locally silty, occasionally fossil fragments, slightly micromicaceous, minor firm, blocky, abundant soft, dispersive, amorphous
1864-1867	Sandstone	10	As above
	Claystone	70	As above
	Coal	20	Brown black, bituminous, argillaceous in part, subvitreous lustre, trace conchoidal fracture, dominantly subconchoidal, moderately hard, blocky
1867-1870	Sandstone	10	As above
	Claystone	80	As above
	Coal	10	As above,
1870-1873	Sandstone	50	Quartzose, light grey, clear to translucent, frosted, fine to granular, predominantly coarse to granular, subangular to subround, poorly sorted, trace lithic grains, common argillaceous matrix, minor fine grained aggregates and bit generated rock flour, dominantly disaggregated poor visible and inferred porosity, no show
	Claystone	50	As above
1873-1876	Sandstone	70	As above
	Claystone	30	As above
1876-1879	Sandstone	100	As above, medium to coarse, angular to subround, well sorted. no shows
1879-1882	Sandstone	100	As above

1882-1885	Sandstone Claystone	90 10	As above Off white, blue grey, trace pale yellowish brown and brownish black, slightly calcareous, locally silty, occasionally fossil fragments, slightly micromicaceous, minor firm, blocky, abundant soft, dispersive, amorphous
1885-1888	Sandstone Claystone	70 30	As above. As above.
1888-1891	Sandstone Claystone	40 60	Quartzose, clear to translucent, frosted, light brown grey in part, medium to coarse, angular to subrounded, poor to moderate sorting, weak calcareous cement in part, predominantly clean, trace nodular pyrite, trace carbonaceous fragments, disaggregated, fair to good porosity, no fluorescence. Brown grey to olive grey, very silty grades to argillaceous siltstone in part, arenaceous in part, slightly calcareous, micromicaceous, trace lithic fragments, occasionally carbonaceous specks, soft, occasionally firm, massive to blocky.
1891-1894	Sandstone Claystone Coal	30 60 10	Predominantly as above, locally becomes fine in part. As above. Black to grey black in part, bituminous, subvitreous lustre, argillaceous in part, occasionally resin inclusions, platy to subconchoidal fracture, subvitreous to occasionally vitreous lustre, brittle, blocky to subfissile in part.
1894-1897	Sandstone Claystone Coal	10 90 Tr	As above. As above. As above.
1897-1900	Sandstone Claystone Coal	60 10 30	As above. As above. As above.
1900-1903	Sandstone Claystone Coal	50 10 40	As above. As above. As above.
1903-1906	Sandstone Coal	20 80	Predominantly as above, predominantly medium, coarse in part, clean, disaggregated. Black to grey black in part, bituminous, subvitreous lustre, argillaceous in part, occasionally resin inclusions (bright white fluorescence, diffuse milky crush cut), platy to subconchoidal fracture, subvitreous to occasionally vitreous lustre, brittle, blocky to subfissile in part.
1906-1909	Sandstone Claystone Coal	40 10 60	As above. Brown grey to olive grey, very silty grades to argillaceous siltstone in part, arenaceous in part, slightly calcareous, micromicaceous, trace lithic fragments, occasionally carbonaceous specks, soft, occasionally firm, massive to blocky. As above.

1909-1912	Sandstone Coal	20 80	As above. As above.
1912-1915	Sandstone Claystone Coal	40 20 40	Lithic Arenite, light brown grey to pale yellow brown, very fine to fine, very silty in part grades to arenaceous siltstone, subangular to subround, well sorted, abundant light brown argillaceous matrix, common muscovite, trace carbonaceous specks, trace lithic fragments, friable to soft, very poor to nil porosity, no fluorescence. As above. As above.
1915-1918	Claystone Coal	90 10	As above. As above.
1918-1921	Sandstone Claystone	30 70	Predominantly as above, trace nodular pyrite. Brown grey to brown black in part, slightly silty, slightly arenaceous, trace carbonaceous material, micromicaceous, tr lithic fragments, soft to firm, massive to blocky, subfissile in part.
1921-1924	Sandstone Claystone Coal	40 60 Tr	Quartzose, clear to translucent, frosted, light brown grey in part, coarse to very coarse, angular to subangular, moderately sorted, silty/argillaceous matrix in part, trace nodular pyrite, common coarse milky quartz, friable to disaggregated, fair porosity, no fluorescence. As above. Black to grey black in part, bituminous, subvitreous lustre, argillaceous in part, occasionally resin inclusions (bright white fluorescence, diffuse milky crush cut), platy to subconchoidal fracture, subvitreous to occasionally vitreous lustre, brittle, blocky to subfissile in part.
1924-1927	Sandstone Claystone Coal	40 50 10	As above. As above. As above.
1927-1930	Sandstone Claystone	30 70	Predominantly as above, becomes fine to medium. Predominantly as above, locally becomes very carbonaceous.
1930-1933	Sandstone Claystone Coal	10 90 Tr	As above. As above. As above.
1933-1936	Claystone Coal	10 90	As above. Black, bituminous, subvitreous lustre, subconchoidal to uneven fracture, brittle, blocky.

1936-1939	Sandstone	10	Lithic Arenite, light brown grey to pale yellow brown, very fine to predominantly fine to medium, subangular to subround, well sorted, abundant light brown argillaceous matrix, common muscovite, trace carbonaceous specks, trace lithic fragments, friable to soft, very poor to nil porosity, no fluorescence.
	Claystone	70	Brown grey to brown black in part, slightly silty, slightly arenaceous, trace carbonaceous material, micromicaceous, tr lithic fragments, soft to firm, massive to blocky, subfissile in part.
	Coal	20	As above.
1939-1942	Sandstone	30	As above.
	Claystone	70	As above.
1942-1945	Sandstone	60	Quartzose, clear to translucent, frosted, medium grey in part, fine to occasionally medium, subangular to subround, well sorted, weak calcareous cement, slightly to moderately argillaceous matrix, trace muscovite, friable to disaggregated in part, poor to fair porosity, no fluorescence.
	Claystone	40	As above.
	Coal	Tr	Black, bituminous, subvitreous lustre, subconchoidal to uneven fracture, brittle, blocky.
1945-1948	Sandstone	60	Predominantly as above, occasionally coarse milky quartz float, trace coaly fragments, no fluorescence.
	Claystone	40	Medium grey to brown grey, olive grey in part, slightly calcareous, silty in part, micromicaceous, occasionally lithic fragments, firm, plastic in part, massive to blocky, occasionally subfissile.
1948-1951	Claystone	100	As above.
1951-1954	Sandstone	70	Quartzose, clear to translucent, frosted, fine to coarse, angular to subround, poor sorting, slightly calcareous cement, silty/argillaceous matrix, trace nodular pyrite, common coarse milky quartz, friable to predominantly disaggregated, poor to fair porosity, no fluorescence.
	Claystone	20	Light brown grey to light olive grey, slightly silty/arenaceous, trace carbonaceous specks/stylolites, micromicaceous, soft to plastic, massive.
	Coal	10	Black, bituminous, subvitreous lustre, subconchoidal to uneven fracture, brittle, blocky.
1954-1957	Claystone	90	As above.
	Coal	10	As above.
1957-1960	Claystone	90	Brown black to olive black, silty, very carbonaceous, common coaly microlaminae, micromicaceous, firm, blocky.
	Coal	10	As above.

1960-1963	Sandstone	10	Lithic Arenite, light brown grey to pale yellow brown, very fine to fine, silty in part grades to arenaceous siltstone, subangular, well sorted, abundant argillaceous/silty matrix, common lithic fragments, micaceous, friable, very poor to nil porosity, no fluorescence.
	Claystone	90	As above.
	Coal	Tr	As above.
1963-1966	Sandstone	10	As above.
	Claystone	90	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part.
1966-1969	Sandstone	20	As above.
	Claystone	80	As above.
	Coal	Tr	As above.
1969-1972	Sandstone	10	As above.
	Claystone	80	As above.
	Coal	10	Black to grey black, bituminous, dull lustre, locally argillaceous, platy fracture, blocky to predominantly fissile.
1972-1975	Sandstone	20	Predominantly as above, locally coarse milky quartz float.
	Claystone	60	As above.
	Coal	20	Predominantly as above, becomes very dirty grades to carbonaceous shale in part.
1975-1978	Claystone	100	Predominantly as above, becomes brown black to olive black in part, locally very carbonaceous.
1978-1981	Sandstone	20	Lithic Arenite, light brown grey to pale yellow brown, fine to medium, subangular, moderately well sorted, argillaceous/silty matrix, trace lithic fragments, micaceous, friable, very poor to nil porosity, no fluorescence.
	Claystone	80	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part.
1981-1984	Sandstone	10	As above.
	Claystone	80	Predominantly as above, becomes slightly to moderately calcareous in part.
	Coal	10	Black to grey black, bituminous, dull lustre, locally argillaceous, platy fracture, blocky to predominantly fissile.
1984-1987	Claystone	90	Olive grey to dark yellow brown, moderately arenaceous/silty in part, slightly calcareous, trace carbonaceous specks, micromicaceous, soft, massive, occasionally blocky.
	Coal	10	As above.
1987-1990	Claystone	80	As above.
	Coal	20	Black, bituminous, subvitreous lustre, subconchoidal to uneven fracture, brittle, blocky.
1990-1993	Claystone	80	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part.
	Coal	20	As above.

1993-1996	Claystone Coal	90 10	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part. As above.
1996-1999	Claystone Sandstone Coal	80 10 10	As above Lithic Arenite, light brown grey to pale yellow brown, fine to medium, subangular, moderately well sorted, argillaceous/silty matrix, trace lithic fragments, micaceous, friable, very poor to nil porosity, no fluorescence. As above.
1999-2002	Sandstone Claystone Coal	20 80 Tr	As above, no fluorescence. As above As above
2002-2005	Sandstone Claystone Coal	20 70 10	As above, so fluorescence. As above, grading in part to Siltstone As above
2005-2008	Sandstone Claystone Coal	20 70 10	As above, so fluorescence. As above, minor carbonaceous material, grading in part to Siltstone As above
2008-2011	Claystone Sandstone Coal	100 Tr Tr	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part. As above As above
2011-2014	Claystone Sandstone Coal	100 Tr Tr	As above As above As above
2014-2017	Claystone Sandstone	100 Tr	As above Lithic Arenite, light brown grey to pale yellow brown, fine to occasionally medium, subangular to subround, well sorted, argillaceous/silty matrix, trace lithic fragments, common muscovite, micromicaceous, friable, common float, very poor to nil porosity, no fluorescence.
2017-2020	Claystone Sandstone	80 20	As above Dominantly as above, fine to medium, trace coarse.
2020-2023	Claystone Sandstone	70 30	As above Predominantly as above, common Foraminifera, shell fragments and muscovite, no fluorescence .

2023-2026	Claystone Sandstone Coal	70 20 10	Brown grey to olive grey, slightly calcareous, silty/arenaceous, occasionally lithic fragments, micromicaceous, trace carbonaceous material, soft, firm, massive, blocky in part. Quartzose, translucent, clear, trace light brown grey, fine to granular, dominantly medium to coarse, subangular to subround, poorly sorted, argillaceous/silty matrix, trace lithic fragments, common muscovite, dominantly disaggregated, minor friable aggregates, poor porosity, no fluorescence Brown black to grey black, bituminous, dull lustre, locally argillaceous, platy fracture, subfissile, blocky in part.
2026-2029	Claystone Sandstone	80 20	As above As above
2029-2032	Claystone Sandstone Coal	50 40 10	As above Lithic Arenite, medium to dark grey, light brown grey to pale yellow brown, very fine to fine, occasionally medium, subangular to subround, well sorted, very argillaceous/silty matrix, moderately hard calcareous cement, trace lithic fragments, common muscovite, micromicaceous, friable, common float, very poor porosity, no fluorescence Dominantly as above, trace subbituminous,
2032-2035	Claystone Sandstone	40 60	As above Dominantly as above, trace silica overgrowths, poor porosity, no fluorescence
2035-2038	Claystone Sandstone	60 40	Brown grey to olive grey, pale yellowish brown, non to slightly calcareous, very silty/arenaceous, common lithic fragments, micromicaceous, trace carbonaceous material, firm, massive, blocky in part. Greenish grey to grey olive green, stained, fine to coarse, dominantly medium to coarse, angular to subangular, moderately sorted, trace crystalline, common siliceous overgrowths, trace carbonaceous material, common greenish grey argillaceous matrix, very calcareous cement in part, moderately hard to hard aggregates, dominantly disaggregated quartz float, nil to poor porosity, no fluorescence
2038-2041	Sandstone Claystone	60 40	As above As above
2041-2044	Dolerite Claystone	90 10	Dark greenish grey to olive grey, stained, coarse crystalline, welded grain boundaries, very fine groundmass in part, crystal assemblage includes, plagioclase, quartz, horneblend and olivine, hard, blocky. As above
2044-2047	Dolerite Claystone	80 20	As above. As above.
2047-2050	Dolerite Claystone	70 30	As above. As above
2050-2053	Dolerite Claystone	80 20	As above As above

2053-2056	Dolerite Claystone	90 10	As above As above
2056-2059	Dolerite Claystone	90 10	As above As above
2059-2062	Dolerite Claystone	90 10	Dominantly as above, minor bit generated rock flour Brown grey to olive grey, pale yellowish brown, non to slightly calcareous, very silty/arenaceous, common lithic fragments, micromicaceous, trace carbonaceous material, firm, massive, blocky in part
2062-2065	Dolerite Claystone	90 10	Predominantly as above, slightly calcareous in part. As above
2065-2068	Dolerite Claystone	80 20	As above As above
2068-2071	Dolerite Claystone	90 10	As above As above
2071-2074	Dolerite Claystone	90 10	As above As above
2074-2077	Dolerite	100	Dark greenish grey to olive grey, coarse crystalline, welded grain boundaries, very fine groundmass in part, crystal assemblage includes, plagioclase, quartz, horneblend and olivine, hard, blocky.
2077-2080	Dolerite	100	As above.
2080-2083	Dolerite	100	As above.
2083-2086	Dolerite	100	As above.
2086-2089	Dolerite	100	As above.
2089-2092	Dolerite	100	As above.
2092-2095	Dolerite	100	As above.
2095-2098	Dolerite	100	Dark greenish grey to olive grey, coarse crystalline, welded grain boundaries, very fine groundmass in part, becomes slightly calcareous in part, crystal assemblage includes, plagioclase, quartz, horneblend and olivine, trace intercrystalline pyrite, hard, blocky.
2098-2101	Dolerite	100	As above.
2101-2104	Dolerite	100	As above.
2104-2107	Dolerite Claystone Coal	20 70 10	As above. Medium dark grey to olive grey, occasionally light medium grey (contact areole?), slightly silty, micromicaceous, carbonaceous, smooth, firm to moderately, massive to blocky, platy in part. Black, bituminous, subvitreous to vitreous lustre, platy to subconchoidal fracture, brittle, blocky to fissile in part.
2107-2110	Sandstone Claystone Coal	30 60 10	Quartzose, dark grey to green black, very fine to predominantly fine to medium, subangular to rounded in part, moderately sorted, weak calcareous cement, predominantly clean, tr muscovite, common smoky quartz, disaggregated, fair porosity, no fluorescence. As above. As above.

2110-2113	Sandstone Claystone Coal	10 90 10	As above. Dark grey black, slightly silty/arenaceous, very carbonaceous, micromicaceous, soft, massive to slightly dispersive. As above.
2113-2116	Claystone	100	As above.
2116-2119	Sandstone Claystone Coal	20 70 10	Quartzose, clear to translucent, frosted, olive grey, fine to medium, subangular to subround, well sorted, weak calcareous cement, argillaceous/silty matrix, trace chlorite, friable to disaggregated, poor to nil porosity, no fluorescence. As above. Black, bituminous, subvitreous to vitreous lustre, platy to subconchoidal fracture, brittle, blocky to fissile in part.
2119-2122	Sandstone Claystone Coal	30 60 10	As above. As above. As above.
2122-2125	Sandstone Claystone Coal	20 50 30	Quartzose, medium dark grey to olive grey, very fine to fine, subangular to subround, well sorted, weak calcareous cement, silty/argillaceous matrix in part, trace muscovite, common medium quartz float, trace lithic fragments, friable to disaggregated, very poor porosity, no fluorescence. Medium dark grey to dark green grey, brown grey in part, occasionally slightly calcareous, slightly silty, micromicaceous, trace carbonaceous specks, soft to firm in part, massive to blocky. Black, bituminous, vitreous lustre, subconchoidal to uneven fracture, brittle to hard in part, blocky.
2125-2128	Sandstone Claystone Coal	40 40 20	As above. Predominantly as above, occasionally brown grey, locally moderately to very carbonaceous. As above.
2128-2131	Sandstone Claystone Coal	60 30 10	Predominantly as above, abundant argillaceous/silty matrix, common muscovite, trace dull orange mineral fluorescence only, no cut, no stain. As above. As above.
2131-2134	Sandstone Claystone Coal	30 60 10	As above, trace fluorescence as above. As above. As above.
2134-2137	Claystone Coal	90 10	Brown black top olive black, silty/arenaceous in part, slightly micromicaceous, very carbonaceous, smooth, waxy texture in part, soft to firm, massive to blocky, platy in part. Black, bituminous, subvitreous to vitreous lustre, platy to subconchoidal fracture, brittle, blocky to fissile in part.

2137-2140	Sandstone	20	Quartzose, medium dark grey to olive grey, very fine to fine, subangular to subround, well sorted, weak calcareous cement, silty/argillaceous matrix in part, trace muscovite, common medium quartz float, trace lithic fragments, friable to disaggregated, very poor porosity, no fluorescence.
	Claystone	80	As above.
	Coal	Tr	As above.
2140-2143	Sandstone	10	As above.
	Claystone	70	As above.
	Coal	20	As above.
2143-2146	Claystone	100	Brown grey to olive grey, pale yellowish brown, slightly calcareous, very silty/arenaceous, trace lithic fragments, micromicaceous, trace carbonaceous specks, soft to firm, massive, blocky in part.
	Coal	Tr	As above.
2146-2149	Sandstone	10	Quartzose, medium dark grey to olive grey, very fine to fine, subangular to subround, well sorted, weak calcareous cement, silty/argillaceous matrix in part, trace muscovite, common medium quartz float, trace nodular pyrite, friable to disaggregated, very poor porosity, no fluorescence.
	Claystone	60	As above.
	Coal	30	As above.
2149-2152	Sandstone	Tr	As above.
	Claystone	90	As above.
	Coal	10	As above.
2152-2155	Sandstone	10	As above.
	Claystone	90	As above.
	Coal	Tr	As above.
2155-2158	Claystone	80	Brown black to olive grey, slightly calcareous, slightly to moderately silty/arenaceous, micromicaceous, trace carbonaceous specks, soft to firm, massive to blocky, subfissile in part.
	Coal	20	Black, bituminous, dull to subvitreous lustre, argillaceous in part, subconchoidal to uneven fracture, brittle, blocky to fissile in part.
2158-2161	Sandstone	20	Quartzose, light brown to light olive grey, fine to medium, argillaceous/silty matrix, common me quartz float with limonitic staining, friable to disaggregated in part, poor porosity, no fluorescence.
	Claystone	80	As above.
	Coal	Tr	As above.
2161-2164	Sandstone	50	Quartzose, clear to translucent, frosted, fine to predominantly medium to coarse, angular to subround, poor to moderate sorting, clean, common coarse milky quartz float, trace muscovite, disaggregated, good porosity, no fluorescence.
	Claystone	40	As above.
	Coal	10	As above.

2164-2167	Sandstone Claystone	90 10	Predominantly as above, becomes medium to predominantly coarse to very coarse, poor to moderate sorting, trace kaolinitic inclusions, no fluorescence. As above.
2167-2170	Sandstone Claystone Coal	80 15 5	Predominantly as above, coarse to very coarse, trace nodular pyrite, no fluorescence. As above. As above.
2170-2173	Sandstone Claystone Coal	30 50 20	Predominantly as above, becomes medium to coarse, no fluorescence. As above. Black, bituminous, dull to subvitreous lustre, argillaceous in part, subconchoidal to uneven fracture, brittle, blocky to subfissile in part.
2173-2176	Sandstone Claystone Coal	30 40 30	Predominantly as above, becomes fine to medium weak calcareous cement, disaggregated, no fluorescence. Brown black to olive grey, slightly calcareous, slightly to moderately silty/arenaceous, micromicaceous, trace carbonaceous specks, soft to firm, massive to blocky, subfissile in part As above.
2176-2179	Sandstone Claystone Coal	10 80 10	As above. As above. As above.
2179-2182	Sandstone Claystone Coal	20 70 10	As above. As above. As above.
2182-2183	Sandstone Claystone Coal	10 70 20	As above. As above. As above.
			Total Depth 2183m

Appendix 8

Vitrinite Reflectance Report

Keiraville Konsultants Pty. Ltd.
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Australia.

Telephone: (02) 42 299843
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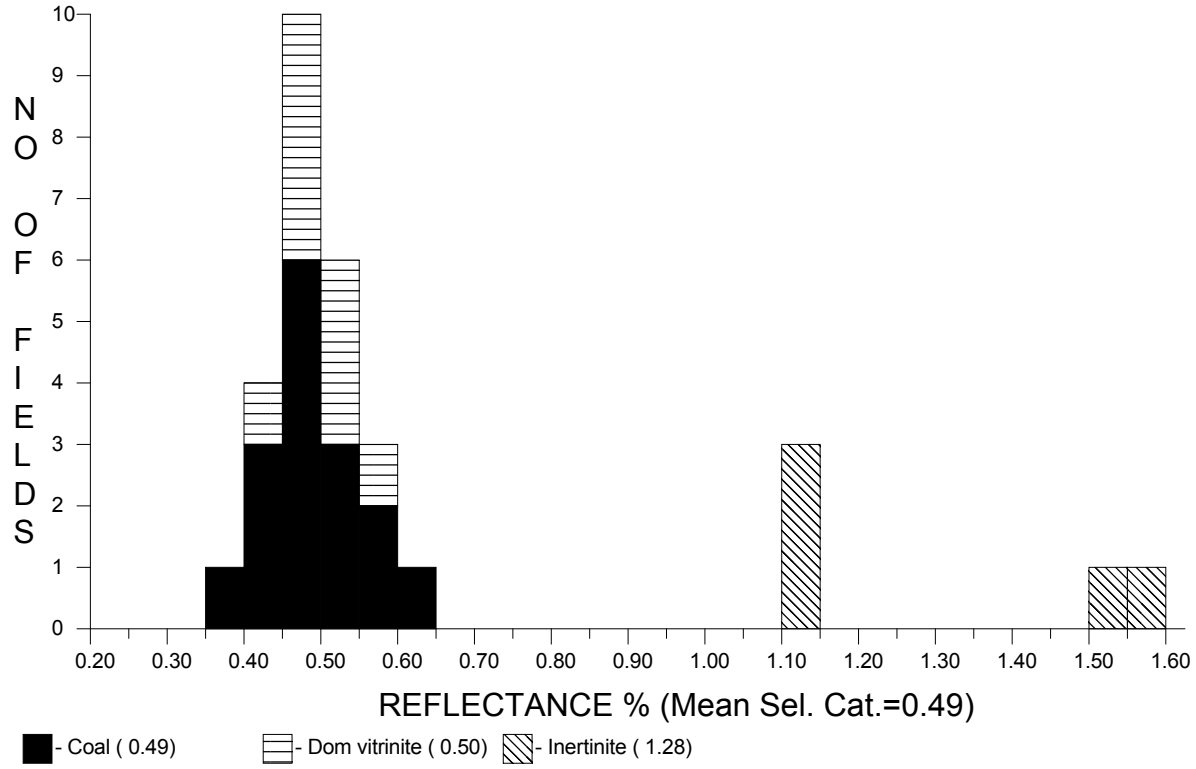
PEEJAY-1, 1954-1957m, Ctgs (L2575)



Category	No. of Readings	Mean	Standard Deviation
Coal	16	0.49	0.061
Dom vitrinite	9	0.50	0.041
Inertinite	5	1.28	0.206
Total:	30	0.63	0.309

Selected categories: Coal, Dom vitrinite,

No. of readings:	25
Mean of selected categories:	0.49
Standard deviation of selected categories:	0.055

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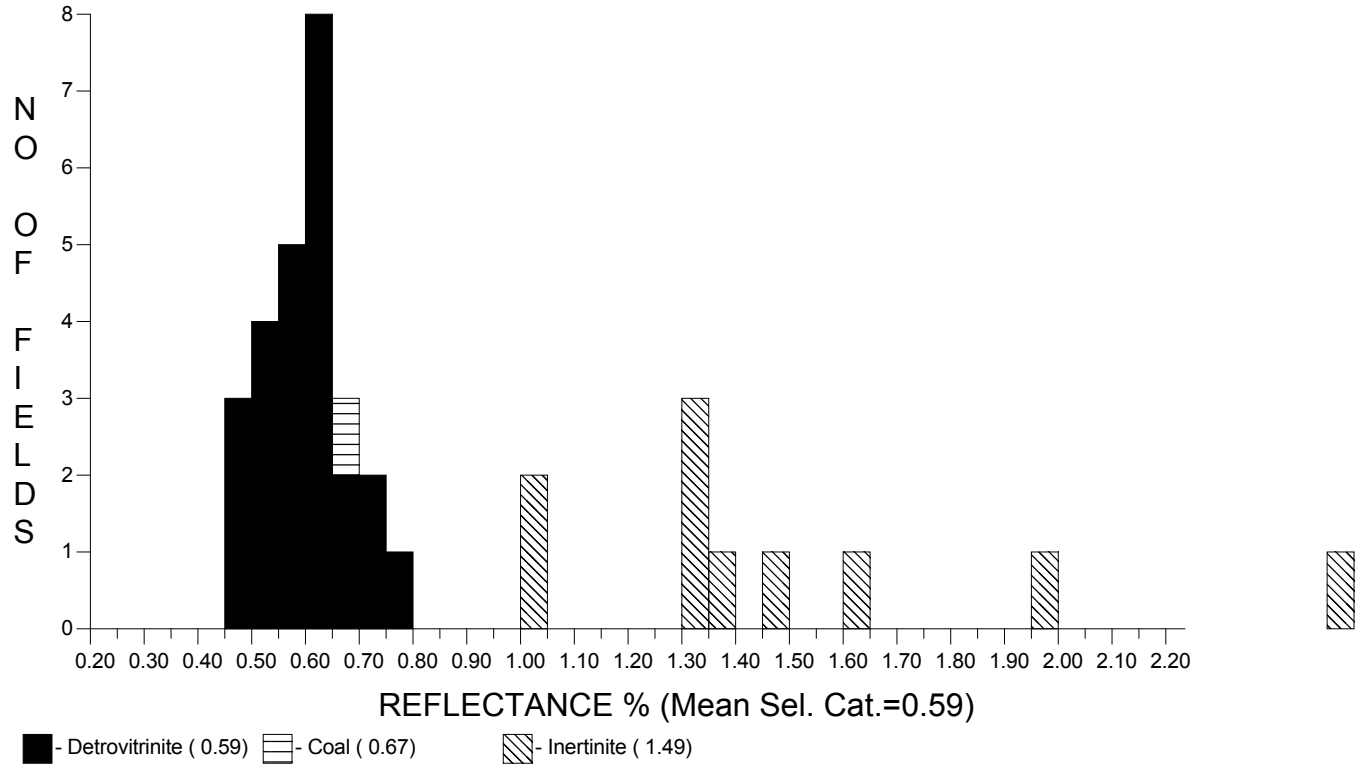
BEACH, PEEJAY-1, 1984-1987m, Ctgs (L2576)



Category	No. of Readings	Mean	Standard Deviation
Detrovitrinite	25	0.59	0.077
Coal	1	0.67	0.000
Inertinite	10	1.49	0.433
Total:	36	0.84	0.466

Selected categories: Detrovitrinite,

No. of readings:	25
Mean of selected categories:	0.59
Standard deviation of selected categories:	0.077

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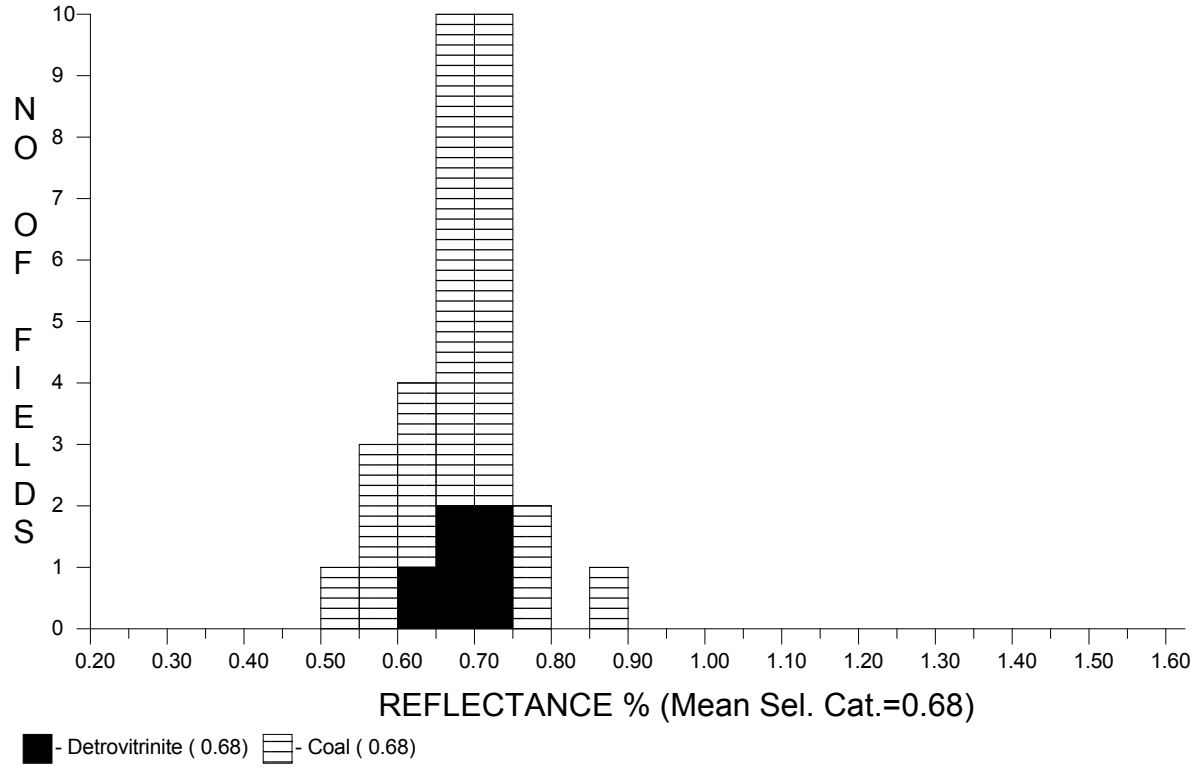
BEACH, PEEJAY-1, 2170-2173m, Ctgs (L2577)



Category	No. of Readings	Mean	Standard Deviation
Detrovitrinite	5	0.68	0.044
Coal	26	0.68	0.073
Total:	31	0.68	0.069

Selected categories: Detrovitrinite,

No. of readings:	5
Mean of selected categories:	0.68
Standard deviation of selected categories:	0.044

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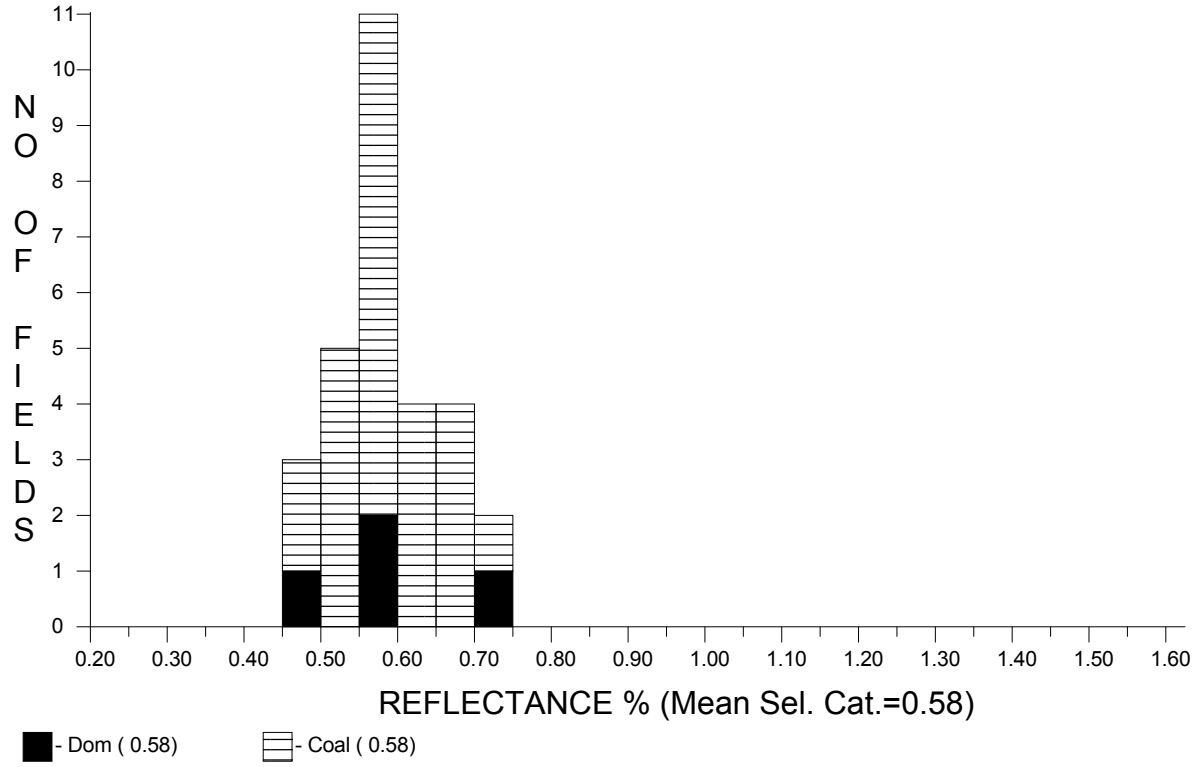
BEACH, PEEJAY-1, 2182-2183m, Ctgs (L2578)



Category	No. of Readings	Mean	Standard Deviation
Dom	4	0.58	0.088
Coal	25	0.58	0.060
Total:	29	0.58	0.065

Selected categories: Dom,

No. of readings:	4
Mean of selected categories:	0.58
Standard deviation of selected categories:	0.088