574001

GLOBEX Far East

BASS BASIN PERMIT T/27P

TPR
OR-472
Vol I

BARRAMUNDI - 1
FINAL WELL REPORT
VOLUME I

1.0 INTRODUCTION

Barramundi-1 was drilled as a vertical exploration well in the Bass Strait inside Tasmanian state waters during September and October 1999, on licence number T-27-P. The well was drilled with the Sedco 702 Semi-submersible which mobilised from the Esso Turum 7 location in the Gippsland Basin to Barramundi-1 in a three-day tow. The operator Globex Far East, based in Houston, Texas, contracted Kelly Down Consultants as Project Managers. The well was managed from Sydney with logistics run locally from Melbourne, Victoria. The primary target for the well was an anomaly horizon in the Eastern View section at 1337 m SS.

2.0 WELL HISTORY

The well spudded at 04:00 hrs on 24 th of September after a three day tow from the offshore Gippsland Basin. Barramundi-1 reached total depth of 2100m at 0215 hrs on Saturday 2 nd of October, a total of 190.25 hrs or 7.93 days. The well had a prognosed TD of 1774 m RT, however Globex approved the deepening of the well to ensure all possible targets had been drilled. Anchors were pulled on 7 th of October with the rig off hire at 0230 hrs on Thursday 7 th October. The total hire period was 329.5 hrs or 13.73 days.

2.1 Location Data

The **Barramundi-1** well location after site survey by Fugro following the tow from the Gippsland basin was as follows:

Surface Coordinates:

Easting	:	**391 413.9 m**
Northing	:	**5 609 012.8 m**
Latitude	:	**39° 39' 41.9884" S**
Longitude	:	**145° 44' 02.9366" E**
Datum	:	**AGD 1984**
Reference Spheroid	:	**Australian National Spheroid**
Central Meridian	:	**147° East**
UTM Zone	:	**55**

2.2 General Data

Well Name	Barramundi-1
Classification	Exploration Well
Operator	Globex Far East
Nearest well	Bass-1
Final Measured Depth	2100 m RT
Final True Vertical Depth	2100 mTVD
Spud Date	24/09/99
TD Reached	2/10/99
Days to Drill	7.93
Date well Abandoned	19:15 hrs 6/10/99
Date Rig Off Hire	02:30 hrs 7/10/99
Well Status	Abandoned

2.3 Well Summary

Well Name	Barramundi-1
Drilling Rig	Sedco 702 Semi Submersible
Drilling Contractor	Sedco
Water Depth	76.6 m
RT to MSL	25.9
RT to Sea Bed	102.5 m
Rig Heading	209°
Rig actual position wrt target	2.1 m on a bearing of 67.9°
Casing Strings:	**Conductor** 30" 1" wall set at 147 m
	Surface/Intermediate Casing 13 3/8" 68 ppf L80 BTC Set at 869 m
Well Status:	Well abandoned, with casing cut and retrieved from 2.5 m below seabed and the following cement plugs set:
Cement Plug # 1 Cement Plug # 2 Cement Plug # 3 Cement Plug # 4 Cement Plug # 4B Cement Plug # 5	1900 m to 1850 m RT 1575m to1525 m RT 1354 m to 1294 m RT 4905 m to 845 m RT 890m to 820 m RT 170m to 121m RT

2.4 Contractors

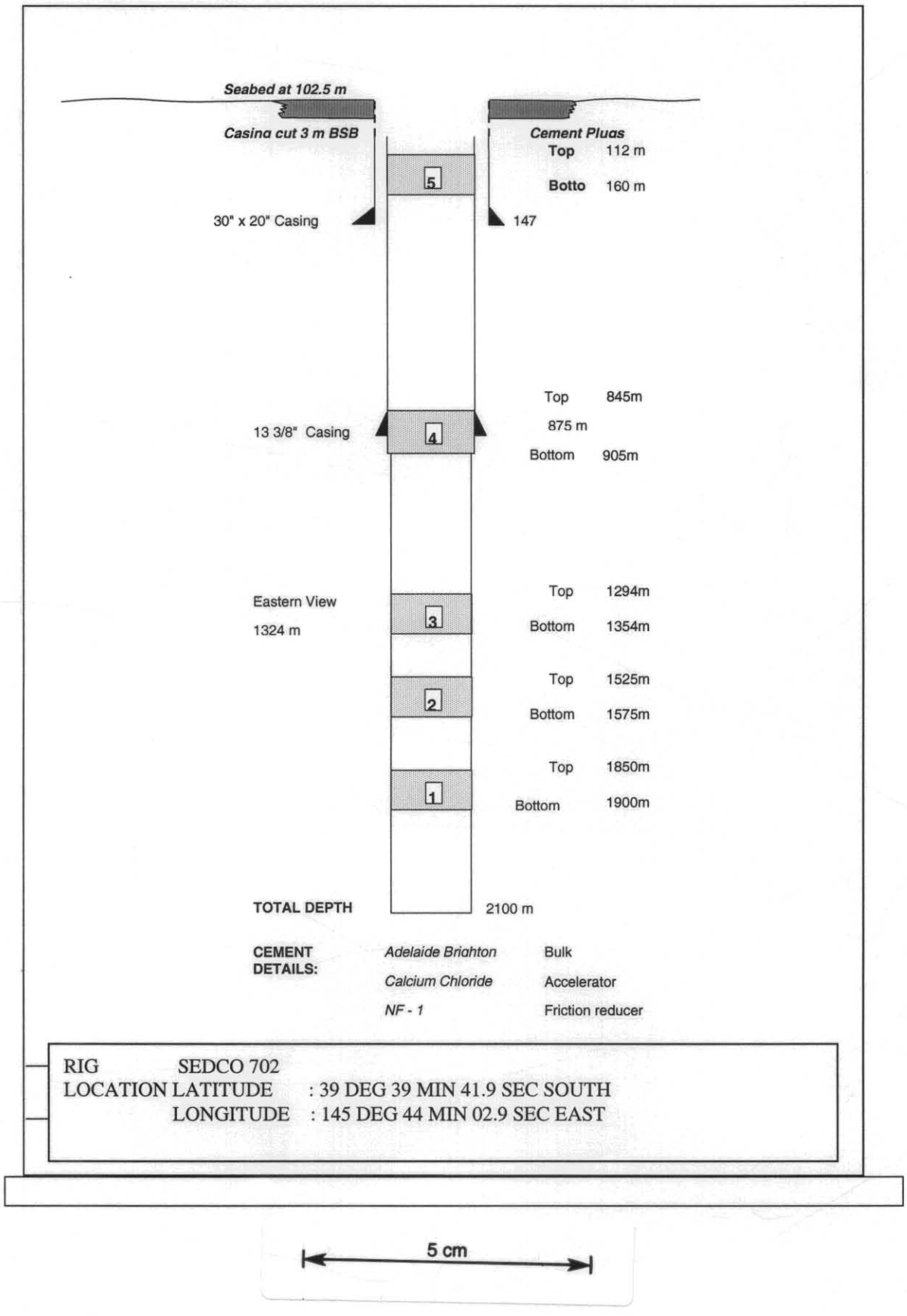
SERVICE	COMPANY
PROJECT MANAGERS	Kelly Down Consultants Pty Ltd
DRILLING CONTRACTORS	Sedco
RIG POSITIONING	Fugro
LOCATION SURVEY	Racal
SUPPLY BASE	Geelong
SUPPORT VESSELS	Swires
CEMENT UNIT	Dowell
CEMENTING SERVICE	Halliburton
MUD SYSTEM	Baroid
MUD LOGGING	Geoservices
ELECTRIC LOGGING	Schlumberger
DRILLING TOOLS	Tasman Oil Tools
DIRECTIONAL TOOLS	Anadrill
MWD	Anadrill
CASING SERVICES	Weatherford
CORING	Baker Hughes
CASING & TUBING	Esso - Barry Beach
WELLHEADS	Dril-Quip
WELL TESTING	Schlumberger
ENVIRONMENTAL	Hanonds
FUEL SUPPLY	Esso
TRUCKING	Toll Energy
STEVEDORING	Toll Energy
WELL ABANDONMENT	Weatherford
COMMUNICATIONS	Tamboritha

3.0 DRILLING DATA

3.1 Abandonment Status

The following diagram illustrates the post abandoned condition of the well. Barramundi-1 was abandoned with 5 cement plugs, and the removal of the subsea wellhead.

Figure 3.1 Well Abandonment Diagram



3.2 Operations Summary

3.2.1 Logistics and Planning

Kelly Down Consultants provided the Project Management service on Barramundi-1. The well was planned in conjunction with Globex personnel as a vertical exploration well. An application to drill was made to the department of Mineral Resources Tasmania , which had technical support from the DNRE Victoria. A Safety Management System was developed in conjunction with Sedco and approved by Tasmanian Mineral Resources.

3.2.2 Site Survey

Racal performed a site survey in the summer of 1999. No shallow gas indications were observed and no seabed obstacles for mooring.

3.2.3 Mobilisation

The Sedco 702 was mobilised from the Esso Turum-7 well location at the following coordinates:

Latitude : 38° 15' 52.3" S
Longitude : 148° 15' 49.2" E

The tow route to Barramundi-1 was a distance of 156 nautical miles. A differential GPS system was used to confirm the position of the rig at Turum 7 and at Barramundi. The tow Vessels M.V. Pacific Shogun and M.V. Pacific Challenger, both 9000 BHP, with a bollard pull of 110 tons each were used to tow the rig to the location. The rig departed Turum 7 on 20/09 at 1800 hrs and arrived 2.7 days later at 11:30 hrs on 23/09. Eight anchors were run and pre-tensioned to 350 kips, which was completed in 14.5 hrs by 0200 hrs on 24/09. The rig was ballasted down to drilling draft and the final position check made on the location at Barramundi-1:

Barramundi-1 final location:

Easting : 391 413.9 m
Northing : 5 609 012.8 m

Latitude : 39° 39' 41.9884" S
Longitude : 145° 44' 02.9366" E

3.2.4 Pre-spud

A pre-spud meeting was held in Melbourne on Tuesday 7 th September. Representatives from Mineral Resources Tasmania and DNRE were present as well as representatives from the major service companies on the well. The well design was described in outline, and the Safety Management System which had been put in place for the well together with the materials movement procedures were also defined.

3.2.5 36" Hole Section

A shallow gas contingency meeting was held on the rig prior to spudding, followed by an ROV on bottom survey. Seabed conditions were found to be flat with a sandy/silt type bottom. The seabed was tagged with the drill string at 102.5m and the well spudded at 04:00 hrs on 24/09/99. The BHA included a 26" DSJC bit with a 36" hole opener. The BHA was stabilised with an auger type 36" OD stabiliser. A float sub was placed in the BHA immediately above the hole opener. One stand of 9 1/2" collars was crossed back to one stand of 8 1/4" DC's. A seawater drilling fluid was used with pre-hydrated gel sweeps, and the hole drilled to 147 m in 0.5 hrs. After circulating a viscous sweep, a Totco survey was dropped in the BHA which showed a hole angle of 1° at 143 m. After washing to bottom a 250 bbl viscous pill was spotted on bottom to stabilise the hole, prior to running casing.

Four joints of 30" casing were run on the Dril-Quip SS-10 permanent guide base, with the shoe joint being a 20" x 30" transition joint. This configuration was used to improve the quality of the cement job across the shoe. The casing was cemented with 600 sxs (100% excess) of class G cement at 1.9 sg. The ROV confirmed the guide base angle as 0.75 degrees to port on the bull's eye. The running tool was released and recovered back to surface.

3.2.6 17 1/2" Hole Section

The 17 1/2" section was drilled through the Torquay group, a mixture of limestone and claystone with some interbedded sandstone. A seawater mud system was used with pre-hydrated gel to flocculate the mud. Caustic and lime were added to reach the hi-vis requirement of 100 sec/qt funnel viscosity. The interval was drilled including the 30"/20" shoe track in 22 hours with a 17 1/2" tri-cone bit to a total depth of 875 m in 22 hours with a type 1-1-5 Tri-cone. Viscous sweeps were pumped mid stand and 25 bbl pills spotted on bottom when making a connection to clean the hole and help maintain hole stability. Totco surveys were dropped at regular intervals. At 875m hole angle was a maximum 2.5 degrees during the section but 0.5 degrees at casing point.

The 13 3/8" casing was run in the hole without problems, on the 18 3/4" subsea housing. A total of 65 joints were run including 3 joints comprising the shoe/intermediate and float collar joints. After landing the wellhead housing an overpull of 50 k confirmed a latch down. The casing was cemented with a lead slurry of 1067 sxs class G at 12.8 ppg, followed by 410 sxs of tail slurry at 15.9 ppg. No indication of displacing dart shear out was observed, nor of a plug bump. The displacement was calculated on theoretical plus 50% of the shoe track volume. No backflow occurred after breaking off the cement hose.

The bop's were run and tested as per programme.

3.2.7 12 1/4" Hole Section

A 60 ft pendulum assembly was used to drill out the 13 3/8" casing using seawater with a Smith steel body 5 bladed bit. The top cement plug was encountered at 728 m, approx 130 m high due to the plug by-passing on the 13 3/8" cement displacement. The plug was pushed to the top of the float collar at 843 m. After drilling the shoe track and 3 m of open hole, the well was displaced to a 6% KCL/Polymer mud system. An FIT was performed to 14.3 ppg EMW. The section was drilled from 878 m to 1672 m , without incident before the bit was pulled. The bit run produced an average ROP of 20.5 m/hr, and terminated in a typical Eastern View section comprising interbedded siltstone, sands and coal beds. The bit when recovered to surface had virtually the entire blade thickness worn down to the body OD along 60% of the blade length. A more aggressive 9 bladed bit (Smith Geo M34 VX) was run to cope with the interbedded and hardening nature of the Eastern view formation, plus an additional stabiliser on the BHA. This bit drilled a total of 428 m to TD at 2100 m, and was in good condition at the end of the section.

The well was deepened from the prognosed TD of 1777m in response to the geological events encountered, and the desire on the part of Globex to ensure that all potential target horizons had in fact been drilled.

3.2.8 12 1/4" Section Logging

A full suite of logs was run to evaluate the section. No sidewall cores or RFT's were run. No hole problems were experienced running logs.

3.2.9 Well Abandonment

The well was abandoned as a dry hole with 5 cement plugs set to completely seal any permeable and porous formations. Three plugs were set in the open hole, one set across the 13 3/8" shoe and the fifth plug was set at surface. The wellhead was recovered by cutting through the 20" crossover joint below the 18 3/4" housing and the 30" casing, at a point 3m below the seabed. A clearance survey was performed with an ROV immediately after the cut.

3.3 Daily Operations

3.3.1 Daily Drilling Reports

The details of the daily activities during rig up and drilling operations for the BARRAMUNDI-1 well are presented in the Daily Drilling reports in Appendix 1.

3.3.2 Daily Costs

The daily cost estimates can be found in graphical format in the time depth curve in Figure 3.2.

3.3.3 Definitive Survey

Only Totco's were run on Barramundi-1. An electronic multishot was available in the event that any significant angle built up in the well, which was in the event not necessary.

The surveys run were as follows:

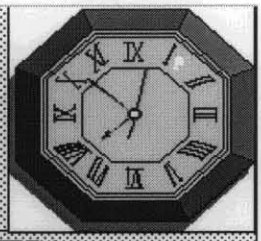
Hole Size (ins)	Survey Type	Survey No.	Depth (m)	Angle (deg)	Bearing (deg)
36	Totco	1	143	1	na
17.5	Totco	2	458	miss-run	na
17.5	Totco	3	488	1	na
17.5	Totco	4	748	2.5	na
17.5	Totco	5	875	0.25	na
12.25	Totco	6	1 181	1.25	na
12.25	Totco	7	1527	.5	na
12.25	Totco	8	2100	1	na

3.3.4 Bottom Hole Assemblies

Only 4 BHA's were run to drill Barramundi-1. The 36" hole was drilled using a 26" bit and 36" hole opener. This gave a 5 m 26" diameter pocket for the 20" shoe on the 30" casing string, thus creating a smaller annulus and giving a better cement job at the shoe. The 17 1/2" hole was drilled with one bit. The 12 1/4" hole would have been drilled in one run but the interbedded coal /silt/sand sequences in the Eastern View proved too hard and abrasive for the Smith S91 PDC, which ringed out at 1672m.

BHA #	1	2	3	4
Bit Size	26"	17 1/2"	12 1/4"	12 1/4"
Hole Size	36"	17 1/2"	12 1/4"	12 1/4"
Length (m)	155.61	257.27	256.15	308.4
Drilled From	102.5	147	875	1672
Drilled To	147	875	1672	2100
Interval Drilled	44.5	728	797	428
BHA Items	Bit	Bit	Bit	Bit
	Pony DC 9 1/2"	Float Sub	Float Sub	NB Stab 12 1/4"
	Hole Opener 36"	2 x DC 9 1/2"	Monel 8"	Pony DC 8"
	Float Sub	1 x Stab 17 1/2"	1 x DC 8 1/4"	Stab 12 1/4"
	2 x DC 9 1/2"	1 x DC 9 1/2"	1 x Stab 12 1/4"	Monel 8"
	X/O	X/O	8 x DC 8 1/4"	Stab 12 1/4"
	3x DC 8 1/4"	7 x DC 8 1/4"	JAR 8"	14 x DC 8 1/4"
	X/O	JAR 8"	1 x DC 8 1/4"	JAR 8"
	6x HWDP	1 x 8 DC 8 1/4"	X/O	1 x DC 8 1/4"
		X/O	15 x HWDP	X/O
		15 x HWDP		15 x HWDP

3.3.5 Time Performance



WELL TIME RECORDER - *ACTUAL TIMES*	
WELL	BARRAMUNDI-1
CLIENT	GLOBEX FAR EAST
RIG	SEDCO 702
LOCATION	BASS STRAIT AUSTRALIA

ACTIVITY	DURATION	DAY	START DATE	END DATE
Tow to Barramundi.	66.00	MON	9/20/99 6:00 PM	9/23/99 12:00 PM
Run Anchors.	16.00	THU	9/23/99 12:00 PM	9/24/99 4:00 AM
Drill 36" Hole to 145m +/-. Survey. Wipe. Spot gel.	3.00	FRI	9/24/99 4:00 AM	9/24/99 7:00 AM
Run 30" csg.	4.50	FRI	9/24/99 7:00 AM	9/24/99 11:30 AM
Cement 30" POOH w/ rng tool.	3.50	FRI	9/24/99 11:30 AM	9/24/99 3:00 PM
l/dn 36" assy, pu 17 1/2" BHA	6.00	FRI	9/24/99 3:00 PM	9/24/99 9:00 PM
Drill 17½" Hole to 875m +/-. Survey.	21.00	FRI	9/24/99 9:00 PM	9/25/99 6:00 PM
Wiper trip/POOH/jet whead.	9.50	SAT	9/25/99 6:00 PM	9/26/99 3:30 AM
R/u and run 13-3/8" csg	9.50	SUN	9/26/99 3:30 AM	9/26/99 1:00 PM
Circulate and condition.	0.50	SUN	9/26/99 1:00 PM	9/26/99 1:30 PM
Cement 13-3/8"	3.00	SUN	9/26/99 1:30 PM	9/26/99 4:30 PM
POOH w/ rng tool.	1.75	SUN	9/26/99 4:30 PM	9/26/99 6:15 PM
Run BOP.	13.50	SUN	9/26/99 6:15 PM	9/27/99 7:45 AM
Pressure test. Run flex jt bore protector.	13.50	MON	9/27/99 7:45 AM	9/27/99 9:15 PM
RIH w/ 12-1/4" BHA.	4.25	MON	9/27/99 9:15 PM	9/28/99 1:30 AM
Drill out. Circ. FIT.	4.75	TUE	9/28/99 1:30 AM	9/28/99 6:15 AM
Drill 12¼" Hole to 1672m +/-. Survey. Circulate et al.	49.50	TUE	9/28/99 6:15 AM	9/30/99 7:45 AM
POOH	6.75	THU	9/30/99 7:45 AM	9/30/99 2:30 PM
RIH w/ 12-1/4" BHA.	11.25	THU	9/30/99 2:30 PM	10/1/99 1:45 AM
Drill 12¼" Hole to 2100m +/-. Survey. Circulate et al.	24.50	FRI	10/1/99 1:45 AM	10/2/99 2:15 AM
Short wiper trip & POOH	12.00	SAT	10/2/99 2:15 AM	10/2/99 2:15 PM
Run logs	15.25	SAT	10/2/99 2:15 PM	10/3/99 5:30 AM
Lay down excess tubulars	2.75	SUN	10/3/99 5:30 AM	10/3/99 8:15 AM
RIH to P&A	3.00	SUN	10/3/99 8:15 AM	10/3/99 11:15 AM
Set & test abandonment plugs	29.25	SUN	10/3/99 11:15 AM	10/4/99 4:30 PM
Recover BOP's	11.75	MON	10/4/99 4:30 PM	10/5/99 4:15 AM
Failed attempt to recover wellhead with Baker cutter	31.25	TUE	10/5/99 4:15 AM	10/6/99 11:30 AM
Recover Wellhead with Weatherford cutter & recover	7.50	WED	10/6/99 11:30 AM	10/6/99 7:00 PM
ROV Survey	0.25	WED	10/6/99 7:00 PM	10/6/99 7:15 PM
Pull anchors (last 4)	7.25	WED	10/6/99 7:15 PM	10/7/99 2:30 AM
Rig off hire	392.50	THU		10/7/99 2:30 AM

3.3.6 Time Analysis

ACTIVITY	HOURS	DAYS
Rig move	66	2.75
Run Anchors	16	0.67
Drilling	89	3.71
Bit Trip	35	1.46
Wiper trip	4.25	0.18
Survey	5.25	0.22
Circulate and condition	16.75	0.70
Change BHA	5.5	0.23
Casing & Cementing	6.75	0.28
Wellhead & BOP's	26.75	1.11
Coring	0	0.00
Logging	16	0.67
Wash & Ream	8.75	0.36
Fishing	0	0.00
Rig Repairs	3	0.13
Abandon	54.5	2.27
Pull anchors	7	0.29
Miscellaneous	8.5	0.35
TOTAL	**369**	**15.37**

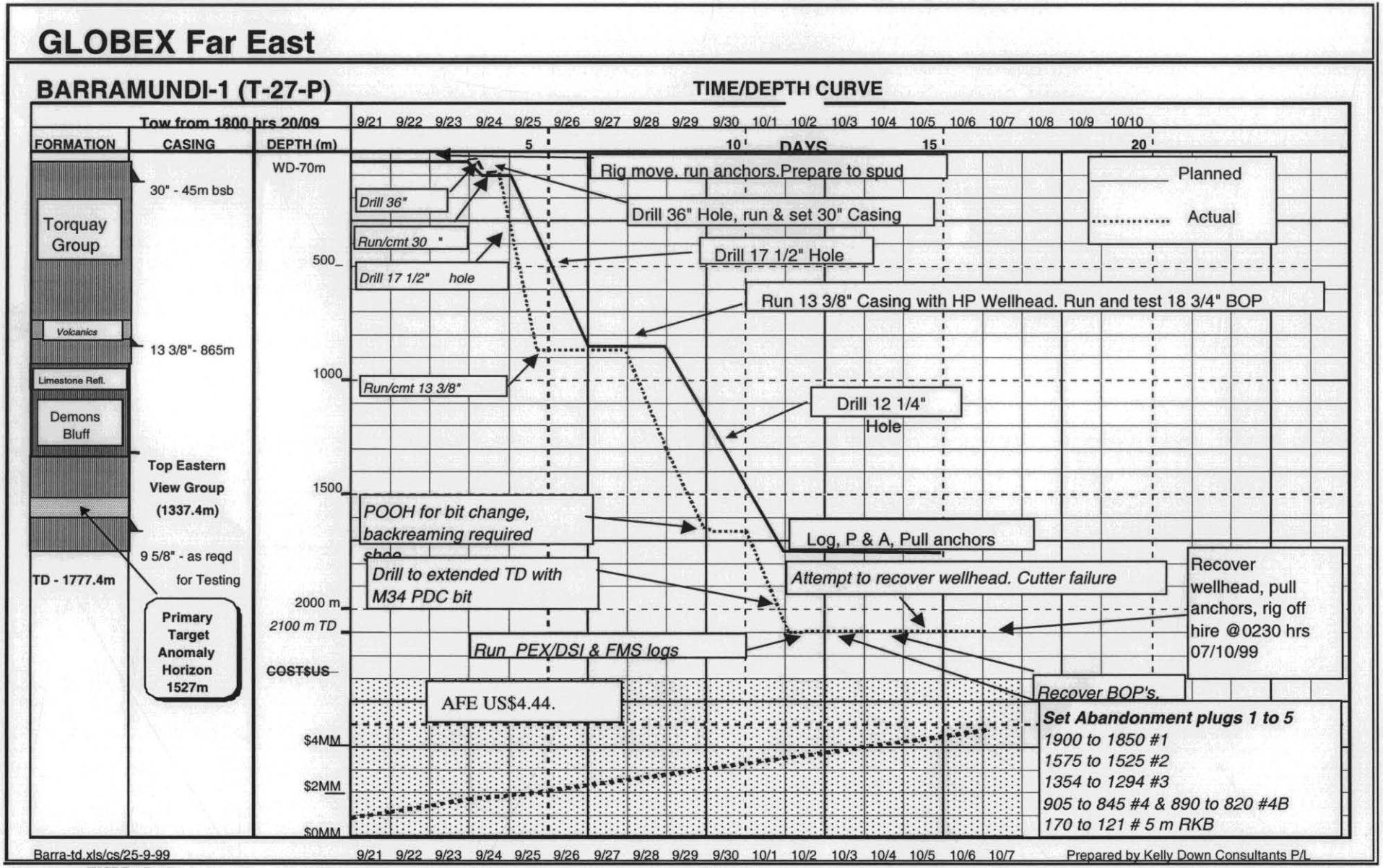
3.3.7 Time Depth Curve - Performance and Cost

Barramundi-1 was programmed to be drilled to 1777 m, logged and abandoned in 15 days. Actual performance exceeded this, and the well was drilled to 2100m, logged and abandoned in 16 days.

Barramundi-1 was approved at a total AFE cost of A$7.1 MM (US$4.55 MM). The well was drilled for an estimated final cost of A$7 mm, (US$4.5 MM) on AFE, but to a deeper depth.

5 cm

Figure 3.2 Time Depth Curve



3.3.8 Time Performance Charts

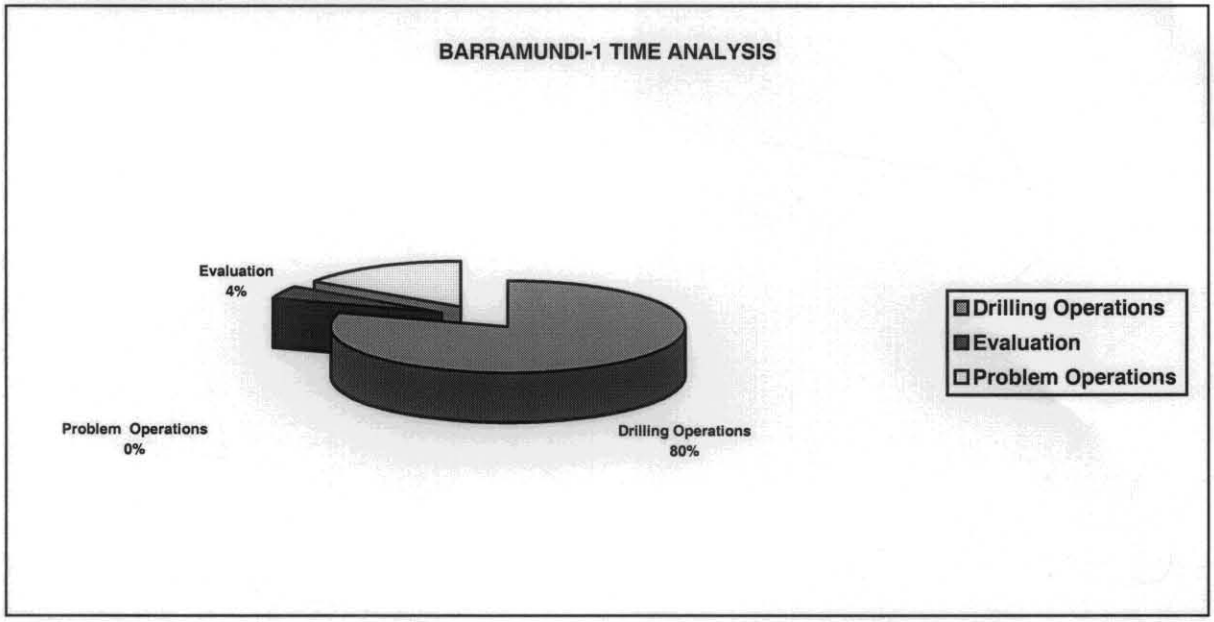


Figure 3.3 Overall Performance

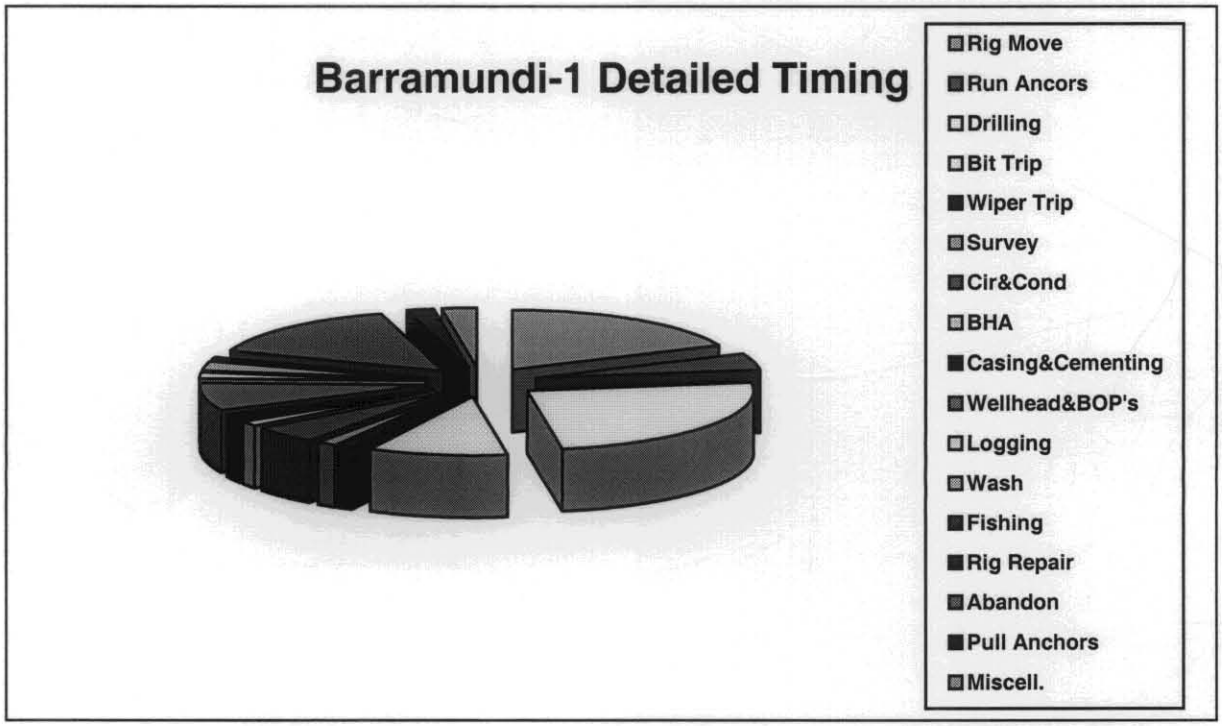


Figure 3.4 Detailed Performance

5 cm

3.4 Bit Record

Bit No.	Size (ins)	Make	Type	IADC Code	Serial No.	Jets 32nds	Depth Out (m)	Drilled (m)	Hrs	ROP (m/hr)	WOB (m.kg)	RPM	Press (psi)	Pump (gpm)	MW (sg)	Dev (deg)	Grade						
																	I	O	D	L	B	G	R
1	26	Smith	DSJ-C	1.1.1	66330	3X24	147	45	.5	90	0-5	100	1400	1200	1.04	1	1	1	N0	a	1	1	Td
2	17.5	Smith	MSDSS	1.1.5	LF9226	3X24	875	728	18.5	39.3	5-15	120	2250	1000	1.04	¼	2	2	N0	A	1	1	TD
3	12.25	Geo-D	S91PX	S123	JR8018	7X16	1672	797	37.25	20.5	2-5	150	2350	1100	1.05	½	7	8	R0	T	X	1	PR
4	12.25	Geo-D	M34VVX		JR3922	8x14,16	2100	428	24.5	17.5	5-10	150	1850	850	1.04	1	2	2	CT	A	X	1	TD

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3.5 Casing and Cementing Report

3.5.1 36" Hole Section : 30" Conductor (Surface to 147 m RT)

Well Name:	**Barramundi #1**	**TD (m):**	**146**	**Date:**	**24/09/99**
Hole Size:	**36**	**147**		**RT to Top of Spool:**	**101**

CASING AND EQUIPMENT RECORD AS RUN FROM BOTTOM TO TOP:

Size O.D. (ins)	Weight (lb/ft)/ Grade	Thread Type	No. of Joints	Length (m)	From (m)	To (m)	Remarks
30	275 / X52	HD-90	1	11.62			Wellhead Hsg.
30	275 / X52	SF-60/HD-90	1	11.51			
30	275 / X52	SF-60	1	11.64			
30X20		SF-60/20" Shoe	1	10.57			Transition Shoe Jt.
			Tally Total :	45.34	Casing Landed at :		147

Wellhead Housing/Spool :		Dril-Quip			
Centralisers:		N/A			
Commence RIH	**07:45**	**On bottom:**	11:30	**Hours:**	3.75

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	Spud Mud
Preflush, Spacer Details :	Sea water

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	600	5.2	100%	1.9	CaCl	576 lbs	Water

Start mix:	**12:35**	**Finish mix:**	**13:05**	**Hours:**	**0.5**

DISPLACEMENT

Displacement Fluid		Sea water	**Displaced With**		Sea water
Bump Plug With (Psi)		N/A	**Displacement Rate (bpm)**		5.5 bpm.
Est. Top Of Cement		102.5	**Displacement Vol (bbls)**		11.43
Start Disp.:	**13:06**	**Bump Plug:**	**N/A**	**Hours:**	**0.2**

REMARKS: FULL CIRCULATION THROUGH OUT JOB

3.5.2 17 1/2 " Hole Section : 13 3/8" Surface Casing (147 to 875 m RT)

Well Name:	Barramundi #1	TD (m):	875	Date:	26/09/99
Hole Size:	17 ½	875		RT to Top of Spool:	101

CASING AND EQUIPMENT RECORD AS RUN FROM BOTTOM TO TOP:

Size O.D. (ins)	Weight (lb/ft)/ Grade	Thread Type	No. of Joints	Length (m)	From (m)	To (m)	Remarks
13 3/8	68 / J55	Buttress	1	12.32	869.12	856.8	Shoe Joint
13 3/8	68 / J55	Buttress	1	11.66	856.8	845.14	Intermediate Jt.
13 3/8	68 / J55	Buttress	1	12.2	845.14	832.94	Float Joint
13 3/8	68 / J55	Buttress	62	721.54	832.94	111.40	Casing
18 ¾		X/O	1	10.76	111.40	100.64	Wellhead
			Tally Total :	768.48	Casing Landed at :		869.12

Wellhead Housing/Spool :	Dril-Quip				
Centralisers:	6				
Commence RIH	04:30	On bottom:	13:00	Hours:	8.5

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	Spud mud
Preflush, Spacer Details :	Fresh water

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	1010	10.95	20%	1.54	Gel, Halad 322	2310 lbs 80 gal	Water
"G"	420	5.15	20%	1.9	NF-5	10 gal	Water

Start mix:	13:50	Finish mix:	15:50	Hours:	2

DISPLACEMENT

Displacement Fluid	Sea water	Displaced With	rig
Bump Plug With (Psi)	NO	Displacement Rate (bpm)	20
Est. Top Of Cement	102.5	Displacement Vol (bbls)	362

Start Disp.:	15:50	Bump Plug:	No	Hours:	.75

REMARKS: FULL CIRCULATION THROUGH OUT JOB

3.5.3 Abandonment Cement Plug Details

Cementing Report Plug #1 - 1900m-1850m

Well Name:	Barramundi #1	TD (m):	2100	Date:	03 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	KCL PHPA MUD
Preflush, Spacer Details :	20 bbl Fresh water

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	121	5.01	20%	1.9	Halad 322	30 gal	Water
					NF 5	1 gal	Mixer

Start mix:	15:48	Finish mix:	16:04	Hours:	.25

DISPLACEMENT

Displacement Fluid	MUD	Displaced With	Dowell
Pumped 3 bbl FW spacer			
Est. Top Of Cement	1850	Displacement Vol (bbls)	103

Start Disp.:	16:05			Hours:	.25

Cementing Report Plug #2 – 1575m-1525m

Well Name:	Barramundi #1	TD (m):	2100	Date:	03 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	KCL PHPA MUD
Preflush, Spacer Details :	20 bbl. Fresh water

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	121	5.01	20%	1.9	Halad 322	30 gal	Water
					NF 5	1 GAL	Mixer

Start mix:	18:40	Finish mix:	18:52	Hours:	.25

DISPLACEMENT

Displacement Fluid	MUD	Displaced With	Dowell
Pumped 3 bbl FW spacer.			
Est. Top Of Cement	1525	Displacement Vol (bbls)	84

Start Disp.:	18:52			Hours:	.25

Cementing Report Plug #3 – 1354-1294m

Well Name:	Barramundi #1	TD (m):	2100	Date:	03 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	KCL PHPA MUD
Preflush, Spacer Details :	20 bbl. Fresh water

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	144	5.01	20%	1.9	HR6L	4 gal	Water
					NF 5	1 gal	mixer

Start mix:	22:10	Finish mix:	22:22	Hours:	.25

DISPLACEMENT

Displacement Fluid	MUD	Displaced With	Dowell
Pumped 3 bbl FW spacer.			
Est. Top Of Cement	1525	Displacement Vol (bbls)	70

Start Disp.:	22:22			Hours:	.25

Cementing Report Plug #4--905m - 845m

Well Name:	Barramundi #1	TD (m):	2100	Date:	04 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	KCL PHPA MUD
Preflush, Spacer Details :	20 bbl. Sea water
Cement was mixed with Seawater.	

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	144	5.01	20%	1.9	NF 5	1 gal	Mixer

Start mix:	01:00	Finish mix:	01:14	Hours:	.25

DISPLACEMENT

Displacement Fluid	MUD	Displaced With	Dowell
Pumped 3 bbl Sea Water spacer.			
Est. Top Of Cement	845	Displacement Vol (bbls)	44

Start Disp.:	01:18			Hours:	.25

Cementing Report Plug #4B – 890-820m

Well Name:	Barramundi #1	TD (m):	2100	Date:	04 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	KCL PHPA MUD
Preflush, Spacer Details :	20 bbl. Sea water
Cement was mixed with sea water	

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	179	5.01	20%	1.9	NF5	1 gal	Water

Start mix:	11:41	Finish mix:	11:57	Hours:	.25

DISPLACEMENT

Displacement Fluid	MUD	Displaced With	Dowell
Pumped 3 bbl SW spacer.			
Est. Top Of Cement	820	Displacement Vol (bbls)	42

Start Disp.:	11:59			Hours:	.25

Cementing Report Plug #5 – 170m-121m

Well Name:	Barramundi #1	TD (m):	2100	Date:	03 / 10 / 99
Hole Size:	12 ¼			RT to Top of Spool:	101

CEMENTING DETAILS:

Drilling Fluid Prior To Cementing :	Sea water
Preflush, Spacer Details :	10 bbl. Sea water
Cement was mixed with sea water	

Cement	No. Sx	Mix Water (Gals/Sx)	Excess	Slurry Weight (Sg)	Additive	Amount	Added To
"G"	114	5.01	20%	1.9	1% CaCl	5 sx	Water
					NF5	1 gal	Water

Start mix:	14:59	Finish mix:	15:12	Hours:	.25

DISPLACEMENT

Displacement Fluid	Sea water	Displaced With	Dowell
.			
Est. Top Of Cement	121	Displacement Vol (bbls)	6

Start Disp.:	15:12			Hours:	

3.6 Drilling Fluid Recap

The Drilling Fluid details are found in the mud completion report, Appendix 2. A water base mud system was used to drill the well. Non reactive shales were encountered requiring minimal mud composition changes.

3.7 Abandonment Summary

The details of the abandonment for BARRAMUNDI-1 are shown in abandonment status diagram, fig 3.2. The well was abandoned with three cement plugs in the open hole sealing off any porous and permeable formations. A plug across the 13 3/8" casing shoe was set in place after two attempts and a final plug set at surface , immediately below where the casing was cut. The permanent guide base and 18 3/4" wellhead was recovered in the cut and pull operation, leaving the seabed clear to a depth of 3 m below the surface.

Over 30 hours rig time was lost during the abandonment operation due to a failed casing cutting tool. This was the subject of a separate incident report. The casing was finally cut using the intended tool which had been flown over from Perth.

3.8 Lessons Learned

Globex Far East	INCIDENT REPORT/LESSON

Report No: 1	Date: 05 OCT 1999	Prepared By: Colin Stuart
Well: BARRAMUNDI BARRAMUNDI-1	Operator: GLOBEX	Rig: SEDCO 702

INCIDENT/LESSON

Failure to cut 30" casing first time

WELL DATA/OPERATIONS PRECEEDING INCIDENT/LESSON

Well had been abandoned with 5 cement plugs and BOP's retrieved

EVALUATION OF INCIDENT (Cause, were procedures/orders followed?,

The cause of the incident was the replacement of the selected tool by the contractor for an inferior version, supplied by third party. This replacement took place since the original tool at the start of operations was undergoing repair work.

Poor communication on the part of the supplier to the operator was the cause of the incident.

REMEDIAL WORK CARRIED OUT

The failed cutter was eventually replaced with the originally contracted tool after it was flown to the site from Perth.

RECOMMENDATIONS

Remind suppliers at the outset of operations (pre-spud meeting) to advise operator of any changes to equipment supplied before it occurs.

Appendix 1. Daily Drilling Reports

GLOBEX FAR EAST
DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	20.9.99
PERMIT:	T/27P	**REPORT #**	1
RIG:	SEDCO 702	**D.F.S.**	0

DEPTH 2400 Hrs:		**STATUS @ 2400 Hrs:**	Tow to Barramundi #1				
TVD:		**FORMATION:**					
24 HR PROGRESS:		**LAST CASING:**		@		**SHOE L.O.T.:**	
HOLE SIZE:		**WD (MSL):**		**RT - SEABED/MSL:**		**MAASP:**	
SURVEYS:							

MUD PROPERTIES		ADDITIVES
DENSITY(SG)		
VISCOSITY(Secs)		
pH		
PV/YP(cp/lb/100ft2)		
GELS 10/10		
WL API(cc/30min)		
WL HTHP(cc/30min)		
CAKE(mm)		
SOLIDS %		
SAND %		
CHLORIDES(mg/l)		
KCL %		
MBT(lb/bbl)		
TEMP °C		
HOLE VOL(m3/bbl)		
SURF VOL(m3/bbl)		
LOSSES(m3/bbl/hr)		
MUD Co		
MUD TYPE		

SOLIDS CONTROL			
	lpm	uf	hrs
DESILTER			
DESANDER			
MUD CLEANER			
CENTRIFUGE			
	1	2	3
SHAKERS			
SCREENS			
PUMPS	**1**	**2**	**3**
TYPE			
STROKE(in)			
LINER(in)			
SPM			
LPM			
AV-DP(m/min)			
AV-DC(m/min)			
SPP(kPa/psi)			
SCR @ 40			
SCR @ 50			

FORMATION DATA	
DEPTH	
TRIP GAS (%)	
CONN. GAS (%)	
B'GRD GAS (%)	
PORE PRESS (SG)	
ECD (SG)	
LITHOLOGY	

DRILLS / BOPS	
LAST BOP DRILL	
LAST FIRE DRILL	
LAST MOB DRILL	
LAST ABN. RIG DRILL	
LAST BOP TEST	
BOP TEST DUE	

BIT DATA		
BIT No.		
SIZE(mm/in)		
TYPE		
IADC CODE		
SERIAL No.		
NOZZLES(32in)		
DEPTH IN (m)		
DEPTH OUT (m)		
DRILLED (m cum/dly)		
HOURS (cum/dly)		
GRADE		
AVGE ROP (m/hr)		
WOB (mt)		
RPM		
JET VEL (m/sec)		
HHP @ BIT		
BHA No.		**BHA WEIGHT**

BHA Profile :

WEATHER / RIG RESPONSE		
WIND SPEED(kts)	10	
DIRECTION(°)	SW	
TEMPERATURE(°C)	20	
BAR. PRESSURE(kPa)	1315	
BAR. RISE / FALL(kPa)		
VISIBILITY(NM)	5	
WEATHER STATE	Calm	
SWELL / PER / DIR(m/sec/°)	SW/1.5/11	
WAVES / PER / DIR(m/sec/°)	0	
HEAVE(m)	0.5	
PITCH(°)	0.5	
ROLL(°)	0.5	
ANCHOR TENSION-MIN(MT)		
ANCHOR TENSION-MAX(MT)		
RISER TENSION(MT)		
VARIABLE DECK LOAD(MT)		1968
	STRING WT	

	HRS	CUM
1. MOVE RIG	6	6
2. RUN ANCHORS		
3. DRILLING		
4. TRIP		
5. WIPER TRIP		
6. SURVEY		
7. CIRC./COND		
8. HANDLE BHA		
9. CASE/CEMENT		
10. WELLHEAD		
11. BOPS		
12. LOT		
13. CORING		
14. LOGGING		
15. REAM/WASH		
16. FISH/STUCK		
17. LOSS CIRC		
18. KICK CONTROL		
19. SIDETRACK		
20. OTHER		
21. REP. SURF		
22. WELL TEST		
23. WO WEATHER		
24. WAIT - OTHER		
25. ABDN./SUSPEND		
26. RIG SERVICE		
27. SLIP/CUT LINE		
28. PULL ANCHORS		
29.		
TOTAL (HRS)	6	6

DOWNHOLE TOOLS	SERIAL No.	ROT/REAM HRS
DRILLING JAR		
DRILLING JAR		
SHOCK SUB		
PDM		

DRILLING DATA	
DRAG - UP (mt)	
DRAG - DOWN (mt)	
TORQUE-On Bottom (amps)	
TORQUE-Off Bottom (amps)	

574033

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	21.9.99
PERMIT:	T/27P	**REPORT #**	2
RIG:	SEDCO 702	**D.F.S.**	0

FROM	TO	HOURS	
0:00	23:59	24.00	Under tow to Barramundi #1.
			While under tow, make up spud in BHA and lay out om pipe deck. DO maintainence work on TDS and rig.
			Position at 24:00 hrs 21.9.99
			Lat 39°13.0' S. Long 147°16.0'E.
			Average Speed 2.47kn.(Tow) Distance travelled 74nm. Distance to go 83nm.
			Temp 12° Wind Direction 360° Barometer 1012
			Position at 06:00 hrs, 22.9.99
			Lat 39°25.8' S Long 147° 02.8' E
			Speed 2.75 kts. Distance travelled 895 miles, distance to go 67.5 miles.
			Temp 11° Wind Direction 035° Barometer 1010
			ETA @ average speed 09:32hrs. 23/09

OPERATIONS TO 0600 HRS: Tow to Barramundi.

PROGRAMME NEXT 24 HRS:

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
RIG/Boat/Boat	650/850	3533	3789	1069/365/400	182/110/290	372/498/498	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	34	WORKBOAT	Shogun	Tow	CUMULATIVE MUD	
SERVICE COMPS	10	WORKBOAT	Challenger	Tow	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	9	HELICOPTER				
TOTAL	71	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	Ronny Rickard

574034

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	22.9.99
PERMIT:	T/27P	**REPORT #**	3
RIG:	SEDCO 702	**D.F.S.**	0

FROM	TO	HOURS	
0:00	23:59	24.00	Under tow to Barramundi #1.
			While under tow, test mud manifold, mud hoses, lower and upper I-BOP.
			Working on changing out upper annular element.
			Position at 24:00 hrs 22.9.99
			Lat 39°37.1' S. Long 146°17.9'E.
			Average Speed 2.37kts.(Tow) Distance travelled 128nm. Distance to go 29nm. Present speed 2.2 kts.
			Temp 14°, Wind Speed 10, Wind Direction 270°, Barometer 1013.
			Position at 06:00 hrs, 23.9.99
			Lat 39°37.7' S Long 146° 00.0' E
			Speed 2.00 kts. Distance travelled 147 miles, distance to go 10 miles.
			Temp 14° Wind Speed 5 kts. Wind Direction 270° Barometer 1012
			ETA @ average speed 09:40hrs. 23/09

OPERATIONS TO 0600 HRS: Tow to Barramundi.

PROGRAMME NEXT 24 HRS: Arrive at Barramundi Location, run anchors.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
RIG/Boat/Boat	650/850	3533	3789	1060/365/400	170/105/285	357/474/479	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	34	WORKBOAT	Shogun	Tow	CUMULATIVE MUD	
SERVICE COMPS	9	WORKBOAT	Challenger	Tow	DAILY WELL	
OTHER	16	STANDBY BOAT			CUMULATIVE WELL	
CATERING	9	HELICOPTER				
TOTAL	71	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	Ronny Rickard

574033

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	23.9.99
PERMIT:	T/27P	**REPORT #**	4
RIG:	SEDCO 702	**D.F.S.**	0

FROM	TO	HOURS	
0:00	11:30	11.50	Under tow to Barramundi #1.
11:30	0:00	12.50	Run Anchors
			11:35--commence payout on #7 anchor.
			11:40 -- anchor on bottom
			12:30-- Pacific Challenger disconnected from tow bridle.
			13:16--Start #3 anchor
			14:32--Pacific Shogun disconnected from tow bridle.
			14:50--#3 anchor completed.
			15:15--Start #6 anchor, 16:54-- #6 anchor completed.
			15:35--Start #2 anchor, 17:20--completed.
			17:50--Start #1 anchor, 20:43 --completed.
			18:05--Start #5 anchor, 20:03--completed.
			20:32--Start #4 anchor, 22:00-- Completed.
			20:01--Start #8 anchor, 22:58-- Completed.
			23:00--Commence Pre-tension on anchors 3 & 7 to 350 kips, completed at 23:20.
			23:22--Commence Pre-tension on anchors 2 & 6, to 350 kips, winch blower on #2 anchor failed
			before reaching 350 kips. Abort test on 2 & 6, go to anchors #1 & 5, while working on anchor winch #2.
			HELD PRE-SPUD MEETING
			PREPARE GEL SWEEPS WHILE RUNNING ANCHORS.

OPERATIONS TO 0600 HRS:	Continue to pre-tension anchors. Hold winch-off drill. Lower ROV and check sea floor.
	Sea floor smooth and water calm. Hold pre job shallow gas safety meeting. Spud in at 04:00 HRS.
	Drill to section TD. Spot hi vis sweep. Wiper trip.Survey 1°, POH for casing.
PROGRAMME NEXT 24 HRS:	Run Casing, Cement.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
RIG/Boat/Boat	150/850	3533	3789	916/365/400	170/100/270	351/455/462	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	35	WORKBOAT	Shogun	run anchors	CUMULATIVE MUD	
SERVICE COMPS	9	WORKBOAT	Challenger	run anchors	DAILY WELL	US $166,716
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	US $1,581,889
CATERING	9	HELICOPTER	2 trips			
TOTAL	71	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal			OIM	Ronny Rickard

GLOBEX FAR EAST
DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	24.9.99
PERMIT:	T/27P	**REPORT #**	5
RIG:	SEDCO 702	**D.F.S.**	1

DEPTH 2400 Hrs:	401	**STATUS @ 2400 Hrs:**	DRILLING 17 1/2" HOLE @ 401m.				
TVD:	401	**FORMATION:**					
24 HR PROGRESS:	299	**LAST CASING:**	30"	@	147m	**SHOE L.O.T.:**	
HOLE SIZE:	17 1/2	**WD (MSL):**	76.6	**RT - SEABED/MSL:**	102.5	**MAASP:**	
SURVEYS:	1º @ 143m, 1º @ 488m.						

MUD PROPERTIES		ADDITIVES
DENSITY(SG)	1.06	gel 250 sx
VISCOSITY(Secs)	100+	caustic 2
pH		soda ash 2
PV/YP(cp/lb/100ft2)	1 / 0	lime16
GELS 10/10		CaCl 10
WL API(cc/30min)		
WL HTHP(cc/30min)		
CAKE(mm)		
SOLIDS %		
SAND %		
CHLORIDES(mg/l)		
KCL %		
MBT(lb/bbl)		
TEMP °C		
HOLE VOL(m3/bbl)		
SURF VOL(m3/bbl)		
LOSSES(m3/bbl/hr)		
MUD Co		
MUD TYPE		

BIT DATA		
BIT No.	1	2
SIZE(mm/in)	26"	17.5
TYPE	DSJC	MSDSSHQC
IADC CODE	1.1.1	1.1.5
SERIAL No.	66330	02-03-000003
NOZZLES(32in)	3 x 24	3x24
DEPTH IN (m)	102.5	147
DEPTH OUT (m)	147	
DRILLED (m cum/dly)	45	254
HOURS (cum/dly)	0.5	3
GRADE	1-1-1	
AVGE ROP (m/hr)	90.0	84.6
WOB (mt)	0-5	0-5
RPM	70	100
JET VEL (m/sec)		82
HHP @ BIT		406
BHA No.	2	**BHA WEIGHT**

BHA Profile :	Bit ,Float sub, 2 X 9 1/2" D.C.,17 1/2" Stabilizer, 1 X 9 1/2" D.C., X/O., 7 X 8 1/4" D.C.
	Jar, 1 X 8 1/4" D.C., X/O., 15 X HWDP.

DOWNHOLE TOOLS	SERIAL No.	ROT/REAM HRS
DRILLING JAR	1588-1148	3.5
DRILLING JAR		
SHOCK SUB		
PDM		

SOLIDS CONTROL			
	lpm	uf	hrs
DESILTER			
DESANDER			
MUD CLEANER			
CENTRIFUGE			
	1	2	3
SHAKERS			
SCREENS			

PUMPS	1	2	3
TYPE	Oilwell A-1700	Oilwell A-1700	Oilwell A-1700
STROKE(in)	12"	12"	12"
LINER(in)	6"	6"	6"
SPM	100	100	100
LPM	4800		
AV-DP(m/min)	12.1		
AV-DC(m/min)	39		
SPP(kPa/psi)	1400		
SCR @ 40			
SCR @ 50			

WEATHER / RIG RESPONSE		
WIND SPEED(kts)	10	
DIRECTION(°)	250	
TEMPERATURE(°C)	10-Dec	
BAR. PRESSURE(kPa)	1017	
BAR. RISE / FALL(kPa)	rising	
VISIBILITY(NM)	12	
WEATHER STATE	FINE	
SWELL / PER / DIR(m/sec/°)	270/0.5/01	
WAVES / PER / DIR(m/sec/°)	250/.3/1	
HEAVE(m)	N/A	
PITCH(°)	0.2 / 4 sec	
ROLL(°)	0.2 / 4 sec	
ANCHOR TENSION-MIN(MT)	260	
ANCHOR TENSION-MAX(MT)	340	
RISER TENSION(MT)		
VARIABLE DECK LOAD(MT)	2202	
52,000	**STRING WT**	190000

DRILLING DATA	
DRAG - UP (mt)	2.5
DRAG - DOWN (mt)	2.5
TORQUE-On Bottom (kft/lbs)	3-10
TORQUE-Off Bottom (kft/lbs)	2

FORMATION DATA	
DEPTH	
TRIP GAS (%)	
CONN. GAS (%)	
B'GRD GAS (%)	
PORE PRESS (SG)	
ECD (SG)	
LITHOLOGY	

DRILLS / BOPS	
LAST BOP DRILL	
LAST FIRE DRILL	22-Sep
LAST MOB DRILL	12-Sep
LAST ABN. RIG DRILL	22-Sep
LAST BOP TEST	
BOP TEST DUE	

	HRS	CUM
1. MOVE RIG		66.5
2. RUN ANCHORS	3.25	15.75
3. DRILLING	4	4
4. TRIP	1.5	1.5
5. WIPER TRIP		
6. SURVEY	0.5	0.5
7. CIRC./COND	0.5	0.5
8. HANDLE BHA	5.25	5.25
9. CASE/CEMENT	6.75	6.75
10. WELLHEAD		
11. BOPS		
12. LOT		
13. CORING		
14. LOGGING		
15. REAM/WASH	0.5	0.5
16. FISH/STUCK		
17. LOSS CIRC		
18. KICK CONTROL		
19. SIDETRACK		
20. OTHER	1.25	1.25
21. REP. SURF		
22. WELL TEST		
23. WO WEATHER		
24. WAIT - OTHER		
25. ABDN./SUSPEND		
26. RIG SERVICE	0.5	0.5
27. SLIP/CUT LINE		
28. PULL ANCHORS		
29.		
TOTAL (HRS)	24	103

574037

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	25.9.99
PERMIT:	T/27P	**REPORT #**	6
RIG:	SEDCO 702	**D.F.S.**	2

Pre-tension anchors

FROM	TO	HOURS	
0:00	0:45	0.75	Drill 17 1/2" hole from 401m to 458m.
0:45	1:00	0.25	Sweep hole clean with 50 bbls of Hi-Vis.
1:00	1:30	0.5	Drop totco survey and recover on wireline-- missrun.
1:30	2:00	0.5	Drill 17 1/2" hole from 458m to 485m.
2:00	2:15	0.25	Circulate hole and spot 30 bbl hi-vis on bottom.
2:15	2:45	0.50	Drop totco survey and recover on wireline-- 1 deg.
2:45	11:00	8.25	Drill 17 1/2" hole from 485m to 748m.
11:00	11:30	0.50	Circulate hole and spot 30 bbl hi-vis on bottom.
11:30	12:00	0.50	Drop totco survey and recover on wireline--2 1/2 deg.
12:00	18:00	6.00	Drill 17 1/2" hole from 748m to 875m. Pump 25 bbl sweeps mid stand and spot 25bbl on connections.
18:00	18:30	0.50	Pump 100 bbl hi-vis and sweep out hole.
18:30	18:45	0.25	Drop totco survey.
18:45	20:15	1.50	POOH. Wash and ream through tight spots at 792m, 804m, 820m,& 832m.
20:15	20:30	0.25	Recover survey--- missrun.
20:30	21:30	1.00	RIH--taking weight at 820m.(15klbs).
21:30	22:30	1.00	Wash and ream from 820m, tag TD @ 875--no fill on bottom.
22:30	23:00	0.50	Pump 50 bbl hi-vis and sweep out hole.
23:00	23:45	0.75	Displace hole to gel mud--pump 150% hole volume.
23:45	0:00	0.25	Drop totco survey.
			Held pre tour and weekly safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: POOH to wellhead. Flush around wellhead, observe with ROV. POOH,Recover survey1/4º.
Rig to and run casing.

PROGRAMME NEXT 24 HRS: Finish running casing, cement, nipple up BOP.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
RIG/Boat/Boat	250	3533	3148	886/40/400	170/85/255	321/450/455	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	25225.2
DRILLING CONT.	33	WORKBOAT	Shogun	rig	CUMULATIVE MUD	32195.98
SERVICE COMPS	12	WORKBOAT	Challenger	rig	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	9	HELICOPTER	1 trips			
TOTAL	73	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	Ronny Rickard

574038

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	26.9.99
PERMIT:	T/27P	**REPORT #**	7
RIG:	SEDCO 702	**D.F.S.**	3

FROM	TO	HOURS	
0:00	2:00	2.00	POOH from 875m to 105m, strap pipe on the way out.
2:00	2:30	0.50	Jet well-head & PGB, observe with ROV.
2:30	3:30	1	Continue POOH, recover totco on the way out---1/4 deg.
3:30	4:15	0.75	Rig up to run 13 3/8 casing.
4:15	4:30	0.25	Hold JHA & R/ASS
4:30	10:30	6.00	Pick up shoe jt, check same & RIH with casing. ROV assist through wellhead, fill every 5 joints--to 757m.
10:30	12:00	1.50	P/up hanger assy, m/up plug launcher & plugs, m/up to 18 3/4" wellhead.
12:00	13:00	1.00	Run 13 3/8 casing on 5" DP from derrick. (drift all to 2 3/4") land w/head w/30klbs, confirm latch w/50k o/pull
13:00	13:30	0.50	Rig up surface lines, circ. 100 bbl sea water. Confirm good returns w/ROV. Hold JSA. Press. Test line to 3klbs.
13:30	16:00	2.50	Pump 38 bbl drillwater, drop ball & pump 2 bbls, shear bottom plug with 1500 psi. Mix and pump 1067 sx
			class G cmt. @ 12.8 ppg (1.54 sg) followed by 410 sx class G tail slurry@ 15.9ppg (1.9sg) Drop dart
			and pump 12 bbl sea water--no indication of shear out.
16:00	16:30	0.50	Displace with rig pumps.No indication of plug bumping on stks. Pump additional 60 stks.(1/2 shoe track)
			No indication of bumping plug.
16:30	17:45	1.25	Break out cement hose, (no back flow) release R/tool, POOH & lay out R/Tool.
17:45	18:15	0.50	P/up cmt-head assy, break out & layout same.
18:15	19:00	0.75	Rig up to run BOPs. Hold JSA.
19:00	20:00	1.00	Make up double of riser and rack back in derrick.
20:00	21:15	1.25	Hold JSA and move BOP across to beams & lower with std of DP as backup. Move LMPR across.
21:15	0:00	2.75	Function test BOPs on both blue and yellow pods from drill floor. Function mini panel from Sedco office.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Run BOP on riser, nipple up choke and kill lines.

PROGRAMME NEXT 24 HRS: Land BOP, Pressure test BOP, drill out cement and shoe, LOT.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
RIG/Boat/Boat	220	3303	1535	809/40/50	194/80/45	437/446/317	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	773.1
DRILLING CONT.	33	WORKBOAT	Shogun	rig	CUMULATIVE MUD	34197.58
SERVICE COMPS	15	WORKBOAT	Challenger	rig	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	9	HELICOPTER	1 trip			
TOTAL	76	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal			OIM	Ronny Rickard

574039

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	27.9.99
PERMIT:	T/27P	**REPORT #**	8
RIG:	SEDCO 702	**D.F.S.**	4

FROM	TO	HOURS	
0:00	1:15	1.25	Hold JSA with crew, M/up double of riser to LMRP & install guide lines.
1:15	1:45	0.50	Press/ test choke and kill lines 250 / 5000 psi.
1:45	2:45	1	Run BOPs, (rig at 80' draft.)
2:45	3:15	0.5	Press/ test choke and kill lines 250 / 5000 psi.
3:15	6:15	3.00	Pick up slip Jnt & landing Jt, install Ruckers & choke and kill lines to slip joint.
6:15	6:45	0.50	Press/ test choke and kill lines 250 / 5000 psi.
6:45	7:15	0.50	Install storm loops on control lines.
7:15	7:45	0.50	Land out BOPs & latch connector to wellhead, test with 50k overpull.
7:45	8:15	0.50	Bring rig to 85" draft / pressure test shear ram against csg to 1000 psi.
8:15	9:45	1.50	Open inner barrel and install diverter.
9:45	10:15	0.50	Lay out 500 ton equipment & spider, pick up 350 ton equipment.
10:15	11:00	0.75	M/U test plug and RIH.
11:00	17:00	6.00	Pressure test BOPs--Annulars to 250 / 3500, Rams 250 / 5000 psi on yellow pod. Function test BOPs on
			Blue pod from mini panel in Sedco office.
17:00	17:45	0.75	Perform depletion test on BOPs. (Accumulator test).
17:45	18:15	0.50	POOH, L/out test tool.
18:15	18:45	0.50	Service TDS and RBS.
18:45	19:15	0.50	Pressure test csg to 2000 psi. Against shear rams (15 min), pick up & make up Hang Off tool and rack in derrick.
19:15	20:30	1.25	Hold JSA & layout 17 1/2" drilling assy. From derrick.
20:30	21:15	0.75	P/up flex joint wear bushing & RIH, set, POOH, lay out tool.
21:15	0:00	2.75	Hold JSA, make up 12 1/4" BHA and RIH. (455m).
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS:	Continue RIH. Tag plug at 728m, push plug to top of cement at 843.5m Hard cement @ 863m.
	Drill plugs, float collar, shoe track, shoe and 3m formation with sea water, circ. Hole clean, displace to mud.
	LOT.
PROGRAMME NEXT 24 HRS:	Drill 12 1/4" hole.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2959	1535	910/40/50	188/75/45	427/439/317	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$52,999.32
DRILLING CONT.	33	WORKBOAT	Shogun	To Geelong	CUMULATIVE MUD	$86,424.00
SERVICE COMPS	13	WORKBOAT	Challenger	rig	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	9	HELICOPTER	1 trip			
TOTAL	74	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	Ronny Rickard

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	28.9.99
PERMIT:	T/27P	**REPORT #**	9
RIG:	SEDCO 702	**D.F.S.**	5

FROM	TO	HOURS	
0:00	0:30	0.50	Continue RIH from 455m to 728m.
0:30	1:30	1.00	Wash down f/ 728m to 843.5m. Tag plug intermittently, pushing it down to the top of the float collar.
1:30	4:00	2.5	Drill out plugs, float, shoe, cement from 843.5m to 875m.
4:00	4:15	0.25	Drill 12 1/4" hole from 875m to 878m.
4:15	5:30	1.25	Displace hole to mud & circ. Until mud weight even.(9ppg)
5:30	6:15	0.75	Pull back to shoe, space out & close MPR, hang off, LOT.---EMW= = 14.38ppg (1.7 sg)
6:15	11:15	5.00	Drill 12 1/4" hole from 878 to 1002m. Ream each stand before connections.
11:15	12:00	0.75	Pull off bottom & condition mud due to losses over shakers.
12:00	17:15	5.25	Drill 12 1/4" hole from 1002m to 1181m.
17:15	17:45	0.50	Circulate bottoms up.
17:45	18:15	0.50	Drop totco survey, rack 1 stand, recover survey on slickline. 1 1/4 deg.
18:15	0:00	5.75	Drill 12 1/4" hole from 1181m. To 1300m.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Drill to 1333, circulate sample for geologist, continue to drill to 1405m.

PROGRAMME NEXT 24 HRS: Continue to drill, core if there are any zone of interest.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2869	1535	777/40/50	182/70/45	414/434/317	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$11,423.40
DRILLING CONT.	33	WORKBOAT	Shogun	From Geelong	CUMULATIVE MUD	$97,847.40
SERVICE COMPS	15	WORKBOAT	Challenger	rig	DAILY WELL	A$320,690
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	$4,450,739
CATERING	9	HELICOPTER	1 trip			US$2,892980
TOTAL	76	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal		OIM	Ronny Rickard

574041

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	29.9.99
PERMIT:	T/27P	**REPORT #**	10
RIG:	SEDCO 702	**D.F.S.**	6

FROM	TO	HOURS	
0:00	1:30	1.50	Drill 12 1/4" hole from 1300m to 1333m.
1:30	2:00	0.50	Circulate up sample for geologist.
2:00	8:00	6	Drill 12 1/4" hole from 1333m to 1433m. (backream and wipe each stand drilled.)
8:00	8:30	0.5	Circulate up sample for geologist.
8:30	14:00	5.50	Drill 12 1/4" hole from 1433m to 1527m. At a controlled rate of 30 metres / hr. max.
14:00	14:30	0.50	Circulate bottoms up to clean hole.
14:30	15:00	0.50	Drop Totco survey, rack back 1 std. DP. & recover survey.---1/2 deg.
15:00	16:15	1.25	Drill 12 1/4" hole from 1527m to 1536m.
16:15	16:45	0.50	Circulate up sample for geologist.
16:45	18:15	1.50	Drill 12 1/4" hole from 1536m to 1564m.
18:15	18:45	0.50	Circulate up sample for geologist.
18:45	0:00	5.25	Drill 12 1/4" hole from 1564m to 1640m.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Continue to drill from 1640m. To 1672.

PROGRAMME NEXT 24 HRS: Drill to TD, wiper trip, log.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2869	1535	665/40/50	188/65/45	393/431/317	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$24,979.49
DRILLING CONT.	33	WORKBOAT	Shogun	From Geelong	CUMULATIVE MUD	$122,826.89
SERVICE COMPS	19	WORKBOAT	Challenger	rig	DAILY WELL	A$363479
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	$4,814,219
CATERING	9	HELICOPTER	2 trips			US$3,129,242
TOTAL	80	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal			OIM	Ronny Rickard

574042

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	30-Sep-99
PERMIT:	T/27P	**REPORT #**	11
RIG:	SEDCO 702	**D.F.S.**	7

FROM	TO	HOURS			
0:00	7:45	7.75	Drill 12 1/4" hole from 1640m to 1672m. Back ream each stand, and wipe down each stand drilled.		
7:45	8:00	0.25	Drop survey bbl, and flow check.		
8:00	10:00	2	POOH from 1672m to 13 3/8 casing shoe at 869m.		
10:00	12:30	2.5	Back ream from 1298m to 869m--filter cake and coal.		
12:30	13:00	0.5	Circulate shakers clean. (meanwhile service top drive).		
13:00	14:00	1.00	Flow check, pump slug & POOH to 371m.		
14:00	72---miss r	0.50	Flow check prior to pulling BHA through BOPs. Recover survey---miss run.		
72---miss r	16:30	2.00	Continue POOH. Rack back BHA, break bit.		
16:30	22:00	5.50	Make up new bit, run BHA from derrick (+ pick up 5 DC, pony , 2 stabs.), RIH to 1390m.		
22:00	22:15	0.25	Ream tight spot at 1390m.		
22:15	0:00	1.75	Continue to RIH. To 1540m.	2.04	10
			Held pre tour safety meetings.		
		24.00			

OPERATIONS TO 0600 HRS: Continue to RIH, (wash and ream last 3 stands), Drill 12 1/4" hole from 1672m. To 1725m.
Drilling at 10 - 40m / hr.

PROGRAMME NEXT 24 HRS: Drill to TD, wiper trip, log.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2869	1535	880/60/240	188/60/240	378/431/292	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$8,445.41
DRILLING CONT.	35	WORKBOAT	Shogun	From Geelong	CUMULATIVE MUD	$131,272.30
SERVICE COMPS	18	WORKBOAT	Challenger	rig	DAILY WELL	A$350959
OTHER	14	STANDBY BOAT			CUMULATIVE WELL	A$5,236,278
CATERING	66.75	HELICOPTER	2 trips	2		US$3,403,500
TOTAL	137.75	HELICOPTER		3		
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	Ronny Rickard

574043

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	1-Oct-99
PERMIT:	T/27P	**REPORT #**	12
RIG:	SEDCO 702	**D.F.S.**	8

FROM	TO	HOURS	
0:00	1:45	1.75	Precautionary wash and ream to bottom from 1540m to 1672m. Work tight spot at 1640m, no fill on bottom
1:45	2:15	0.50	Feather new PDC bit in with light parameters.
2:15	0:00	21.75	Drill 12 1/4" hole from 1672m to 2052m.
			Held pit drill.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Continue to drill 12 1/4" hole from 2052m. To 2100m. Circulate up sample.
Wiper trip to 1650m. Circulate.

PROGRAMME NEXT 24 HRS: Circulate hole clean, drop survey, POOH, log.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2869	1535	650/ 40/ 0	176 / 150 / 140	367 / 430 / 284	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$31,228.27
DRILLING CONT.	35	WORKBOAT	Shogun	To Geelong	CUMULATIVE MUD	$162,500.57
SERVICE COMPS	18	WORKBOAT	Challenger	rig	DAILY WELL	A$334425
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	A$5,582,032
CATERING	8	HELICOPTER	0 trips			US$3,628,321
TOTAL	80	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	J.J. Dibon

574044

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	2-Oct-99
PERMIT:	T/27P	**REPORT #**	13
RIG:	SEDCO 702	**D.F.S.**	9

FROM	TO	HOURS	
0:00	2:15	2.25	Drill 12 1/4" hole from 2052m to 2100m, backream each stand drilled.
2:15	3:30	1.25	Circulate until shakers clean. Max. gas on bottoms up --6.7%.
3:30	3:45	0.25	Flow check.-- Hold JSA on tripping pipe.
3:45	4:45	1	POOH from 2100m to 1670m. No drag observed.
4:45	5:30	0.75	RIH from 1670m to bottom. No fill, hole in good condition.
5:30	6:15	0.75	Circulate until shakers clean. Held pit drill.
6:15	6:30	0.25	Drop totco survey.
6:30	8:30	2.00	Pump slug and POOH to 1341m. String took 30k overpull.
8:30	8:45	0.25	Back ream through tight spot at 1341m.
8:45	10:00	1.25	POOH from 1341m to casing shoe @ 864m. . Hold kick drill.
10:00	10:30	0.50	Flow check. Retreive totco survey on wireline---1 deg.
10:30	11:00	0.50	POOH from 869m to 424m.-- flow check prior to pulling BHA into BOP stack.
11:00	13:15	2.25	POOH, rack back 12 1/4" BHA.
13:15	13:30	0.25	Clear floor of unwanted drilling equipment.
13:30	14:15	0.75	Hold JHA & Rig up to run Schlumberger.
14:15	18:30	4.25	Schlumbger Logging run # 1---PEX-DSI-HALS-HNGS, POOH lay out logging tools.
18:30	0:00	5.50	Schlumbger Logging run # 2. FMS--GAMMA RAY.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Complete logging,Log #3--CSAT (check shots, 11 levels) rig down loggers, service TDS., start to lay down BHA from derrick.

PROGRAMME NEXT 24 HRS: Finish laying down excess BHA, RIH with OEDP, set cmt plugs, lay down drillpipe.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig / PC / PS	220	2829	1535	598 / 40 / 0	182 / 145 / 284	351 / 428 / 284	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$809.20
DRILLING CONT.	35	WORKBOAT	Shogun	To Geelong	CUMULATIVE MUD	$163,309.77
SERVICE COMPS	18	WORKBOAT	Challenger	rig	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	8	HELICOPTER	(touch and go exercise)			
TOTAL	80	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal		OIM	J.J. Dibon

574045

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	3-Oct-99
PERMIT:	T/27P	**REPORT #**	14
RIG:	SEDCO 702	**D.F.S.**	10

FROM	TO	HOURS	
0:00	0:30	0.50	Lay out Log # 2- FMS-GAMMA RAY.
0:30	5:00	4.50	M/U Log # 3-VSP Toolstring. CSAT / GR
5:00	5:30	0.5	Rig down Schlumberger.
5:30	6:00	0.5	Service TDS, Blocks, RBS, and Crown.
6:00	7:30	1.50	Hold JSA, Slip and cut 115' Drilling Line.
7:30	8:15	0.75	Hold JSA, Lay out 12 1/4" Stab, 8" monel, &1 x 8 1/4" DC. From derrick.
8:15	11:15	3.00	Hold JSA, M/U diverter & RIH on 5" DP to 1900m.
11:15	14:00	2.75	Rig up cementing hose, circulate and condition mud. Hold JSA for cement plugs.
14:00	14:15	0.25	Pressure test cement line--3000 psi.
14:15	14:30	0.25	RIH to 1942m.
14:30	15:30	1.00	Continue circulating, spot Hi-Vis pill from 1942m to 1900m.
15:30	15:45	0.25	POOH to 1900m. Rig up cmt. Std. And hose.
15:45	16:30	0.75	Pump CMT PLUG # 1 from 1900m to 1850m.
16:30	17:15	0.75	POOH to 1617m.
17:15	18:15	1.00	Circulate bottoms up, spot Hi-Vis pill from 1617m to 1575m.
18:15	18:30	0.25	POOH from 1617m to 1575m.
18:30	19:30	1.00	Pump CMT PLUG # 2 from 1575m to 1525m.
19:30	20:00	0.50	POOH from 1575m to 1396m.
20:00	20:45	0.75	Circulate bottoms up, no cement observed.
20:45	21:15	0.50	Function test BOP and annulars.
21:15	21:45	0.50	Circulate riser bottoms up, spot Hi-Vis pill from 1396m to 1354m.
21:45	22:00	0.25	POOH to 1354m.
22:00	22:45	0.75	Hold JSA, pump CMT PLUG # 3, from 1354m to 1294m.
22:45	0:00	1.25	POOH from 1354m to 947m.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Spot Hi-vis and set cement plug # 4 from 905m to 845m., Pull out of plug to 745m, circ, function test BOP & circ. Clean. Lay out drillpipe while waiting for cement to harden.

PROGRAMME NEXT 24 HRS: RIH, tag plug # 4, Cement plug # 5, finish laying out extra tubulars from derrick.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	220	2799	1155	535 / 40 / 300	188 / 140 / 310	339 / 426 / 466	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	4		NAME	LOCATION	DAILY MUD	$3,920.48
DRILLING CONT.	35	WORKBOAT	Shogun	rig	CUMULATIVE MUD	$167,230.25
SERVICE COMPS	13	WORKBOAT	Challenger	rig	DAILY WELL	
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	
CATERING	8	HELICOPTER	1 trip			
TOTAL	75	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal		OIM	J.J. Dibon

574046

GLOBEX FAR EAST
DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	4-Oct-99
PERMIT:	T/27P	**REPORT #**	15
RIG:	SEDCO 702	**D.F.S.**	11

DEPTH 2400 Hrs:		**STATUS @ 2400 Hrs:**					
TVD:		**FORMATION:**					
24 HR PROGRESS:		**LAST CASING:**		@		**SHOE L.O.T.:**	
HOLE SIZE:		**WD (MSL):**		**RT - SEABED/MSL:**	102.5	**MAASP:**	
SURVEYS:							

MUD PROPERTIES		**ADDITIVES**
DENSITY(SG)		Barite (100) 150
VISCOSITY(Secs)		CaCl 5sx
pH		
PV/YP(cp/lb/100ft2)		
GELS 10/10		
WL API(cc/30min)		
WL HTHP(cc/30min)		
CAKE(mm)		
SOLIDS %		
SAND %		
CHLORIDES(mg/l)		
KCL %		
MBT(lb/bbl)		
TEMP °C		
HOLE VOL(m3/bbl)		
SURF VOL(m3/bbl)		
LOSSES(m3/bbl/hr)		
MUD Co		
MUD TYPE		

SOLIDS CONTROL			
	lpm	uf	hrs
DESILTER	N/U		
DESANDER	N/U		
MUD CLEANER	N/U		
CENTRIFUGE	N/U		
	1	2	3
SHAKERS	Thule	Thule	Thule
SCREENS	52 x 52	84 x 84	120 x 105
PUMPS	**1**	**2**	**3**
TYPE	Oilwell A-1700	Oilwell A-1700	Oilwell A-1700
STROKE(in)	12"	12"	12"
LINER(in)	6"	6"	6"
SPM			
LPM			
AV-DP(m/min)			
AV-DC(m/min)			
SPP(kPa/psi)			
SCR @ 40			
SCR @ 50			

FORMATION DATA	
DEPTH	
TRIP GAS (%)	
CONN. GAS (%)	
B'GRD GAS (%)	
PORE PRESS (SG)	
ECD (SG)	
LITHOLOGY	

DRILLS / BOPS	
LAST BOP DRILL	1-Oct
LAST FIRE DRILL	28-Sep
LAST MOB DRILL	26-Sep
LAST ABN. RIG DRILL	28-Sep
LAST BOP TEST	27-Sep
BOP TEST DUE	11-Oct

BIT DATA		
BIT No.		
SIZE(mm/in)		
TYPE		
IADC CODE		
SERIAL No.		
NOZZLES(32in)		
DEPTH IN (m)		
DEPTH OUT (m)		
DRILLED (m cum/dly)		
HOURS (cum/dly)		
GRADE		
AVGE ROP (m/hr)		
WOB (mt)		
RPM		
JET VEL (m/sec)		
HHP @ BIT		
BHA No.		**BHA WEIGHT**

WEATHER / RIG RESPONSE		
WIND SPEED(kts)	15 - 20	
DIRECTION(°)	230	
TEMPERATURE(°C)	13 - 15	
BAR. PRESSURE(kPa)	1014	
BAR. RISE / FALL(kPa)	Rising	
VISIBILITY(NM)	12	
WEATHER STATE	Moderate	
SWELL / PER / DIR(m/sec/°)	230 / 1 / 11	
WAVES / PER / DIR(m/sec/°)	230 / .6 / 2	
Make up MOST tool .	.4 / 11	
PITCH(°)	.3 / 3	
ROLL(°)	.4 / 4	
ANCHOR TENSION-MIN(MT)	210	
ANCHOR TENSION-MAX(MT)	300	
RISER TENSION(MT)	N/A	
VARIABLE DECK LOAD(MT)	1929	
	STRING WT	

			HRS	CUM
		1. MOVE RIG		66.5
		2. RUN ANCHORS		15.75
		3. DRILLING		89
		4. TRIP		35
		5. WIPER TRIP		4.25
		6. SURVEY		5.25
		7. CIRC./COND		16.75
		8. HANDLE BHA		5.5
		9. CASE/CEMENT		6.75
		10. WELLHEAD		
		11. BOPS	5	22.5
		12. LOT		0.75
		13. CORING		
		14. LOGGING		16
		15. REAM/WASH		8.75
		16. FISH/STUCK		
		17. LOSS CIRC		
		18. KICK CONTROL		
		19. SIDETRACK		
		20. OTHER		1.25
		21. REP. SURF		
		22. WELL TEST		
		23. WO WEATHER		
		24. WAIT - OTHER	A$328,283	
		25. ABDN./SUSPEND	A$6,213,827	21.75
		26. RIG SERVICE	US$4,038,988	1.5
		27. SLIP/CUT LINE		1.5
		28. PULL ANCHORS		
		29. FLOWCHECK		0.25
		TOTAL (HRS)	5	319

BHA Profile :

DOWNHOLE TOOLS	**SERIAL No.**	**ROT/REAM HRS**
DRILLING JAR		
DRILLING JAR		
SHOCK SUB		
PDM		
MONEL		

DRILLING DATA	
DRAG - UP (mt)	
DRAG - DOWN (mt)	
TORQUE-On Bottom (kft/lbs)	
TORQUE-Off Bottom (kft/lbs)	

574047

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	4-Oct-99
PERMIT:	T/27P	**REPORT #**	15
RIG:	SEDCO 702	**D.F.S.**	11

FROM	TO	HOURS	
0:00	0:45	0.75	Circ. Bottoms up. No cement returns observed. Spot Hi vis pill from 947m to 905m.
0:45	1:00	0.25	POOH from 947m to 905m.
1:00	1:45	0.75	M/U cmt. Hose. Hold JSA, mix and pump cmt plug # 4 from 905m to 845m.(144 sx. Class G @ 15.8 ppg)
1:45	2:30	0.75	POOH from 905m to 745m.
2:30	3:00	0.50	Circ. Bottoms up.---Dumped 60 bbls contaminated mud.
3:00	3:30	0.50	Function BOPs and annulars, circ. Through choke and kill lines.
3:30	3:45	0.25	Pump slug, hold JSA on tripping.
3:45	6:45	3.00	POOH, lay out excess 5" drillpipe. (105 jts)
6:45	8:15	1.50	Move 3 stands of 8 1/4" DC from left to right hand side of derrick & lay out 5 DC + jars.
8:15	9:15	1.00	M/U divertor & RIH on 5" drillpipe to 720m.
9:15	9:45	0.50	Wash down (1 pump @ 50 spm--200 psi), tag top of cement at 890m.
9:45	10:45	1.00	Circ. Bottoms up. ---Dumped 170 bbl of contaminated mud.
10:45	11:30	0.75	Function BOPs and annulars, circ. Through choke and kill lines, bottoms up from BOPs. Hold cmt job JSA.
11:30	12:00	0.50	M/U cnt stand & cmt. Hose.
12:00	12:15	0.25	Pump cmt. Plug # 4 B from 890m to 829m.
12:15	13:00	0.75	POOH to 650 m.
13:00	13:15	0.25	Circulate hole clean.
13:15	14:00	0.75	POOH to 211m.
14:00	14:45	0.75	Displace hole to seawater, spot Hi-Vis pill from 211m to 170m.
14:45	15:00	0.25	POOH from 211m to 170m.
15:00	15:15	0.25	Pump cement plug # 5 from 170m to 121m. (114sx. Class G cmt @ 15.8 ppg).
15:15	15:45	0.50	POOH from 170m to 112m.
15:45	16:30	0.75	Reverse circulate contents of drill string.
16:30	17:15	0.75	Function BOPs and annulars.
17:15	19:00	1.75	POOH with cement diverter, RIH and retreive flex joint & wellhead wear bushings.
19:00	20:30	1.50	Hold JSA, Rig up to pull marine riser & BOP.
20:30	21:00	0.50	Pull Diverter.
21:00	22:00	1.00	Pick up landing joint, make up, and close inner barrel.
22:00	23:30	1.5	Unlatch connector, Pull BOP, remove choke and kill lines, hold JSA, remove Rucker lines.
23:30	24:00:00	0.5	Continue to pull BOP.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Continue to pull BOP, lay out riser, rack back BOP.

Make up MOST tool .

PROGRAMME NEXT 24 HRS: Cut and retreive wellhead and PGB, Pull anchors, release rig.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	840	2649	2351	896 / 40 / 0	194 / 135 / 140	328 / 423 / 458	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	35	WORKBOAT	Shogun	rig	CUMULATIVE MUD	$167,230.25
SERVICE COMPS	11	WORKBOAT	Challenger	rig	DAILY WELL	A$328,283
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	A$6,213,827
CATERING	9	HELICOPTER	1 trip			US$4,038,988
TOTAL	73	HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	J.J. Dibon

574048

GLOBEX FAR EAST
DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	5-Oct-99
PERMIT:	T/27P	**REPORT #**	16
RIG:	SEDCO 702	**D.F.S.**	12

FROM	TO	HOURS	
0:00	1:45	1.75	Continue to pull BOPs and land on spider beams.
1:45	2:45	1.00	Lay out landing joint, remove spiders, P/U jetting tool and jet BOPs and Annulars.
2:45	4:00	1.25	Rack LMRP and BOPs.
4:00	4:15	0.25	Rig down BOP riser running equipment.
4:15	5:15	1.00	Hold JSA, M/U MOST tool with cutting tool.
5:15	7:45	2.50	Test cutting tool on surface. Blades only opening slightly. Pull up casing cutting tool and troubleshoot.
7:45	9:00	1.25	Attatch guide ropes to MOST and run in to 12m above wellhead.
9:00	9:30	0.50	Stab into wellhead (observe by ROV), engage MOST and take 20k overpull, set down 10klbs.
9:30	15:00	5.50	Attempt to cut casing. Attempt overpull 110klbs, no movement.
15:00	16:00	1.00	Pull out to surface.
16:00	20:15	4.25	Prepare and wait for Baker tool personnel.
20:15	20:45	0.50	Re dress cutter, install new inner piston assy. In casing cutter. Test on surface, appears OK.
20:45	21:45	1.00	Attatch guide ropes to MOST and run in to 12m above wellhead.
21:45	22:15	0.50	Stab into wellhead (observe by ROV), engage MOST and take 20k overpull, set down 10klbs.
22:15	0:00	1.75	Commence cutting casing.
			08:22-P Challenger Started Anchor #5, completed @ 11:11
			08:34- P Shogun started anchor # 1, completed @ 11:02
			11:18- P Shogun started anchor # 8, completed @ 15:29
			11:42- P Challenger started anchor # 4, completed @ 15:40.
			Held pre tour safety meetings.
		24.00	

OPERATIONS TO 0600 HRS: Continue to cut casing. Attempt to pull casing and PGB. Will not move with 400klbs overpull.
POOH with casing cutter, discovered one blade broken off. When replacing blades,
discovered the bushings in the body of the cutter damaged or broken. Repair same.

PROGRAMME NEXT 24 HRS: Continue to cut casing, retreive PGB, pull anchors, release rig.

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER(mt)	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	840	2649	2351	898 / 40 / 0	182 / 130 / 135	314 / 416 / 448/	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	35	WORKBOAT	Shogun	rig	CUMULATIVE MUD	$167,230.25
SERVICE COMPS	11	WORKBOAT	Challenger	rig	DAILY WELL	A$359,929
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	$6,932,276
CATERING	9	HELICOPTER	1 trip			US$4,505,979
TOTAL	73	HELICOPTER			*Note: correction for 04/10*	*US$4,272,025*
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	J.J. Dibon

574049

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	6-Oct-99
PERMIT:	T/27P	**REPORT #**	17
RIG:	SEDCO 702	**D.F.S.**	13

FROM	TO	HOURS	
0:00	4:15	4.25	Continue to cut 20" and 30" casing.-00:05 attempt to pull-unsucessful (170klbs overpull), continue to cut
			@ 01:45 attempt unsucessful @220 klbs, @ 03:30 attempt unsucessful @ 380 klbs overpull.
4:15	5:00	0.75	Pull cutting assy. To surface.
5:00	11:30	6.5	Cutting assy. At surface. One blade broken, Pin Bushings in Baker casing cutter broken and / or worn.
			Mechanic prepare and fabricate new pin bushings on lathe. Also remove broken pin retainer while waiting
			for replacement casing cutter.
11:30	13:15	1.75	Pick up and make up replacement casing cutter, test same..
13:15	14:45	1.50	Run in with casing cutting assy.(latch on to well head, over pull 20 klbs).
14:45	18:30	3.75	Cut casing @ 17:30 attempt to pull unsucessful with 160klbs.
18:30	19:00	0.50	Pulled free at 120klbs overpull. Pull PGB to surface.
19:00	19:15	0.25	ROV survey of well area.
19:15	0:00	4.75	Pull anchors, anchor # 6 completed @ 22:00 hrs
			anchor # 2 finished @ 21:50 hrs.
			Pacific Shogun rigged up for tow @ 21:50hrs.
			Start anchor # 3 @ 22:39 hrs.
			While handling anchors, unlatch MOST tool, break and lay out casing cutter.
			Pick up 18 3/4 casing running tool, latch onto stump, pick up and lay out same.
			20 - 25
			50
			14 - 17
			1017
			Held pre tour safety meetings. Falling
		24.00	240 / 1.5 / 4

OPERATIONS TO 0600 HRS: Continue to pull anchors. Last anchor 50 / .9 / 2

N/A

PROGRAMME NEXT 24 HRS:

N/A

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	N/A	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	840	2649	2351	879 / 40 / 0	188 / 125 / 135	301 / 406 / 441	

PERSONNEL ON RIG		TRANSPORTATIOI		1836	COSTS	
OPERATOR	3		NAME	LOCATION	DAILY MUD	
DRILLING CONT.	35	WORKBOAT	Shogun	rig	CUMULATIVE MUD	$167,230.25
SERVICE COMPS	11	WORKBOAT	Challenger	rig	DAILY WELL	AA310829.0
OTHER	15	STANDBY BOAT			CUMULATIVE WELL	A$7206955.0
CATERING	9	HELICOPTER	1 trip			US$4684521.0
TOTAL	73	HELICOPTER				

SUPERVISOR(S)	Wally Westman	Len Kronstal		OIM	J.J. Dibon

574050

GLOBEX FAR EAST

DAILY DRILLING REPORT

WELL:	BARRAMUNDI-1	**DATE:**	7-Oct-99
PERMIT:	T/27P	**REPORT #**	18
RIG:	SEDCO 702	**D.F.S.**	14

FROM	TO	HOURS	
0:00	2:30	2.50	Continue to pull anchors.
			00:40 anchor # 3 finished.
			01:20 Pacific Challenger has tow bridle connected.
			01:38 Commence anchor # 7
			02:30 Anchor # 7 racked, RIG RELEASED TO CULTUS.
		2.50	

OPERATIONS TO 0600 HRS:

PROGRAMME NEXT 24 HRS:

BULK	GEL(sx)	BARITE(sx)	CEMENT(sx)	N/A	POT WATER(mt)	DIESEL FUEL(lt)	HELI FUEL(lt)
Rig/PC/ PS	840	2649	2351	879 / 40 / 0	188 / 125 / 135	301 / 406 / 441	

PERSONNEL ON RIG		TRANSPORTATION			COSTS	
OPERATOR			NAME	LOCATION	DAILY MUD	
DRILLING CONT.		WORKBOAT	Shogun	rig	CUMULATIVE MUD	$167,230.25
SERVICE COMPS		WORKBOAT	Challenger	rig	DAILY WELL	A$38,797.0
OTHER		STANDBY BOAT			CUMULATIVE WELL	A$7245752.0
CATERING		HELICOPTER				US$4709739.0
TOTAL		HELICOPTER				
SUPERVISOR(S)	Wally Westman		Len Kronstal		OIM	J.J. Dibon

Appendix 2. Drilling Fluid Reports

GLOBEX FAR EAST
DRILLING FLUID RECAP
BARRAMUNDI-1
BASS BASIN, VICTORIA

Prepared by: Emad Elzahaby, Hayden Butler

Date: October, 1999

Table Of Contents

1. WELL SUMMARY

1.1 Well Data

Well Name	:	Barramundi-1
Operator	:	GLOBEX Far East
Well Type	:	Vertical
Bottom Hole Temperature	:	87° C
Location	:	Bass Strait, Victoria
Contractor / Rig	:	Sedco Forex / 702
Start Date (Abandonment)	:	24 September, 1999
Spud Date	:	24 September, 1999
RKB to Seabed	:	102.5 m
RKB to MSL	:	26 m
Total Depth	:	2,100m
Date TD Reached	:	2 October, 1999
Total Days Drilling	:	7 days
Date Released	:	4 October, 1999
Total Days on Well	:	11 days

1.2 Formation Tops

Formation	MD (m)	TVD (m)	Inclination (deg)
Torquay Group	102.5	102.5	0.0
Addiscot Sandstone	974	974	0.5
Demon's Bluff	1,166	1,166	1.0
Eastern View Group	1,329	1,329	1.2

1.3 Casing Program

30"	Structural Casing	@	147 m
$13^3/_8$"	Surface Casing	@	869 m

1.4 Personnel

Drilling Supervisors	:	W. Westman L. Kronstal
Baroid Field Service Reps.	:	Emad Elzahaby Hayden Butler

2. COST SUMMARY

2.1 Drilling Fluid Costs

	Drilling Fluid	Hole Size	MD From	MD To	Cost (AUS$)
1.	SW / AQUAGEL Hi-vis Sweeps	36"	102.5 m	147 m	$6,958.28
2.	SW / AQUAGEL Hi-vis Sweeps	$17^1/_2$"	147 m	875 m	$26,466.20
3.	KCl/EZ-MUD/Polymer/GEM CP	$12^1/_4$"	875 m	2,102 m	$129,885.29
Mud Materials Used For Drilling				**Total AUS$**	**$163,309.77**

Mud Materials Used for cementing	**AUS$**	**$773.10**
Mud Materials Used for P & A		**$3,920.48**
Total Materials Used	**AUS$**	**$168,003.35**

2.2 Engineering Costs

Service Representatives	From (date)	To (date)	Days
Hayden Butler	26/09/99	3/10/99	8
Emad Elzahaby	24/09/99	4/10/99	11
Total Days			**19**

Service Cost @	**AUS$650 per day**	**Total (AUS$)**	**$12,350.00**

Total Cost of Materials and Engineering **$180,353.35**

3. PERFORMANCE SUMMARY

3.1 Comments

This well was drilled quickly and efficiently with no hole or mud related problems, and logging proceeded successfully.

3.2 Performance Indicators

	Program	Actual	Achieved (± 10 %)
Interval 1 36" Hole			
102.5 m - 147 m (44.5 m drilled)			
• Volume Consumed, bbl	1,216	1,200	Yes
• Dilution Rate, bbl/m	0	0	Yes
• Consumption Rate, bbl/m	17.37	27	No
• Mud Cost/bbl, AUS$	$8.32	$5.80	Yes
• Mud Cost/m, AUS$	$144.47	$156.36	Yes
• Interval Mud Cost, AUS$	$10,113	$6,958.28	Yes
Interval 2 17 1/2" Hole			
147 m - 875 m (728 m drilled)			
• Volume Consumed, bbl	3,850	3,300	Yes
• Dilution Rate, bbl/m	0	0	Yes
• Consumption Rate, bbl/m	5.42	4.53	No
• Mud Cost/bbl, AUS$	$5.51	$8.02	No
• Mud Cost/m, AUS$	$29.87	$36.35	No
• Interval Mud Cost, AUS$	$21,209	$26,466.20	No
Interval 3 12 1/4" Hole			
875 m - 2,100 m (1,225 m drilled)			
• Volume Consumed, bbl	4,029	4,959	No
• Dilution Rate, bbl/m	3.0	2.71	Yes
• Consumption Rate, bbl/m	4.55	4.04	Yes
• Mud Cost/bbl, AUS$	$26.94	$26.19	Yes
• Mud Cost/m, AUS$	$122.63	$106.03	Yes
• Interval Mud Cost, AUS$	$108,526	$129,885.29	No
Total Drilling Fluid Cost, AUS$	$139,848	$163,309.77	Yes

Explanation of Non-Conformance

- Interval 2. The cost is higher than the program because at section TD, the hole was displaced with 1.5 x the open hole volume (1,100 bbls) of undiluted high viscosity prehydrated Gel mixed @ 35 ppb.
- Interval 3. The consumption volume is higher than the program due to losses over the shakers. GLOBEX supplied the rig with only 180 mesh screens which is too fine to handle the flow for this section, resulting in shaker losses. Also the cost of drilling an extra 352 m was not considered in the program.

4. INTERVAL - 1

4.1 SUMMARY

36" Hole From 102.5 m To 147 m In 1 Day

Drilling Fluid Seawater with Hi-Vis Sweeps

Formations TORQUM GROUP

Properties	Programmed		Actual (Typical)		
	Min	Max	Min	Max	Conformance
Density, ppg		9		8.7	Yes
Funnel Viscosity, sec/qt	100		120	200	Yes

Explanation of Non-Conformance

- All mud properties conformed to programmed specifications.

Maintenance

- The hi-vis mud for sweeps was built with pre-hydrated AQUAGEL at 35 ppb diluted to 25 ppb with seawater to flocculate the Gel. Caustic soda and lime were added to further flocculate the Gel to produce the programmed funnel viscosity.
- The mud used for displacing the hole prior to running casing was built at 35 ppb pre-hydrated AQUAGEL. No lime was added to this mud.

4.2 EVALUATION

Comments

- This interval was drilled quickly and successfully with no hole or mud related problems.

Problems, Causes, Remedial Action Taken or Recommended

Hole Conditions

1) Problem None
   Cause
   Action

Drilling Fluid

1) Problem None
   Cause
   Action

Solids Control and Mud Mixing Equipment

1) Problem None
   Cause
   Action

4.3 RECOMMENDATIONS FOR IMPROVEMENT

Hole Conditions

- No recommendations.

Drilling Fluid

- No recommendations.

Solids Control and Mud Mixing Equipment.

- No recommendations.

5. INTERVAL - 2

5.1 SUMMARY

17 1/2" Hole From 147 m To 875 m In 1 Days

Drilling Fluid Seawater with Hi-Vis Sweeps

Formations TORQUM GROUP

Properties	Programmed		Actual (Typical)		
	Min	Max	Min	Max	Conformance
Density, ppg		9		8.7	Yes
Funnel Viscosity, sec/qt	100		120	200	Yes

Explanation of Non-Conformance

- All mud properties conformed to programmed specifications.

Maintenance

- The hi-vis mud for sweeps was built with pre-hydrated AQUAGEL at 35 ppb diluted to 25 ppb with seawater to flocculate the Gel. Caustic soda and lime were added to further flocculate the Gel to produce the programmed funnel viscosity.
- The mud used (1,100 bbls) for displacing the hole prior to running casing was built at 35 ppb pre-hydrated AQUAGEL. No lime was added to this mud.

Solids Control Equipment

- None

5.2 EVALUATION

Comments

- This interval was drilled quickly and successfully with no hole or mud related problems.

Problems, Causes, Remedial Action Taken or Recommended

Hole Conditions

1) Problem None
   Cause
   Action

Drilling Fluid

1) Problem None
   Cause
   Action

Solids Control and Mud Mixing Equipment

1) Problem None
   Cause
   Action

5.3 RECOMMENDATIONS FOR IMPROVEMENT

Hole Conditions

- No recommendations.

Drilling Fluid

- No recommendations.

Solids Control and Mud Mixing Equipment.

- No recommendations.

6. INTERVAL - 3

6.1 SUMMARY

12¼" Hole From 875 m To 2102 m In 5 Days

Drilling Fluid KCl/EZ MUD/Polymer

Formations TORQUM GROUP, Demons Buff, Eastern View Group

Properties	Programmed		Actual (Typical)		
	Min	Max	Min	Max	Conformance
Mud Weight, ppg	8.9	10	9	9.5	Yes
6 rpm, lb/100 ft²	8	12	8	9	Yes
API Filtrate		8	4	7	Yes
HPHT @ 250 F, ml		25	14	23	Yes
KCl Content (%)	4	6	4.5	6	Yes
PH	8.5	9.2	9	9	Yes
Excess PAPA, ppb	1		1		Yes
LGS, % v/v		6	0.7	4.6	Yes

Explanation of Non-Conformance

- All mud properties conformed to programmed specifications.

Maintenance

- The drilling fluid was initially formulated with 6% KCl, 2 ppb DEXTRID, 1 ppb of PAC-R, 1 ppb of XCD-POLYMER Plus and 0.5 ppb of EZ-MUD DP & the initial mud weight was 9 ppg.
- The 13 3/8" casing shoe and three meters of new hole were drilled with seawater and the hole displaced to mud and a PIT performed to 14.3 ppg EMW.
- Shortly after drilling began, 0.5 ppb EZ MUD was added to the active system and a constant mud formulation was maintained to provide full inhibition and cuttings integrity.
- BARACOR 129 oxygen scavenger was added to the active system and residual sulphite concentration was maintained at 100 mg/l through regular product additions.
- Regular additions of Caustic Potash were made to maintain pH levels.

Solids Control Equipment

- The three Thule VSM 100 shale shakers were dressed with a combination of 52, 84, 105 and 120 mesh old screens left over from Esso for the displacement of PHPA mud into the hole to avoid excessive losses of unsheared mud.
- After the coarse screens became totally damaged, a combination of 52 and 180 mesh were used to minimise losses over the shaker screens.
- The desilter was run after 1,300 m to control the mud weight and reduce low gravity solids.
- The sandtraps were dumped during trips to reduce LGS content.

5.2 EVALUATION

Comments

- This interval was drilled successfully and problem free. The PHPA mud system performed very well.

Problems, Causes, Remedial Action Taken or Recommended

Hole Conditions

1) Problem No problems.
   Cause
   Action

Drilling Fluid

1) Problem No problems.
   Cause
   Action

Solids Control and Mud Mixing Equipment

1) Problem Mud losses over the shaker screens.
   Cause No coarse screens were available on board, GLOBEX supplied only 180 mesh screens which is too fine to handle a flow rate over 1,000 gpm.
   Action Used the old screens left over from Esso at the beginning of the interval then had to use 180 mesh after the old screens become completely damaged.

6.3 RECOMMENDATIONS FOR IMPROVEMENT

Hole Conditions

- None.

Drilling Fluid

- None.

Solids Control and Mud Mixing Equipment.

- Coarse screens and a wider range of different sizes should be available on board .

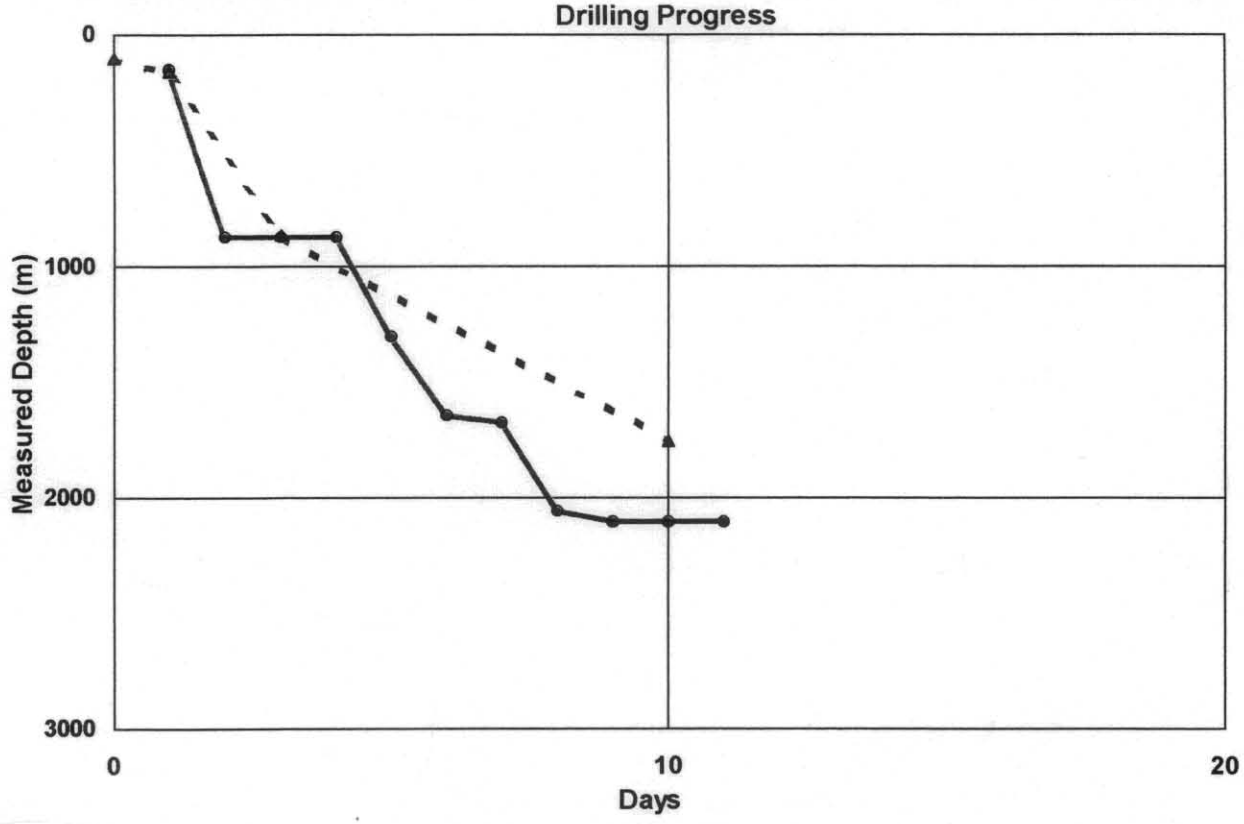
GRAPHS

574063

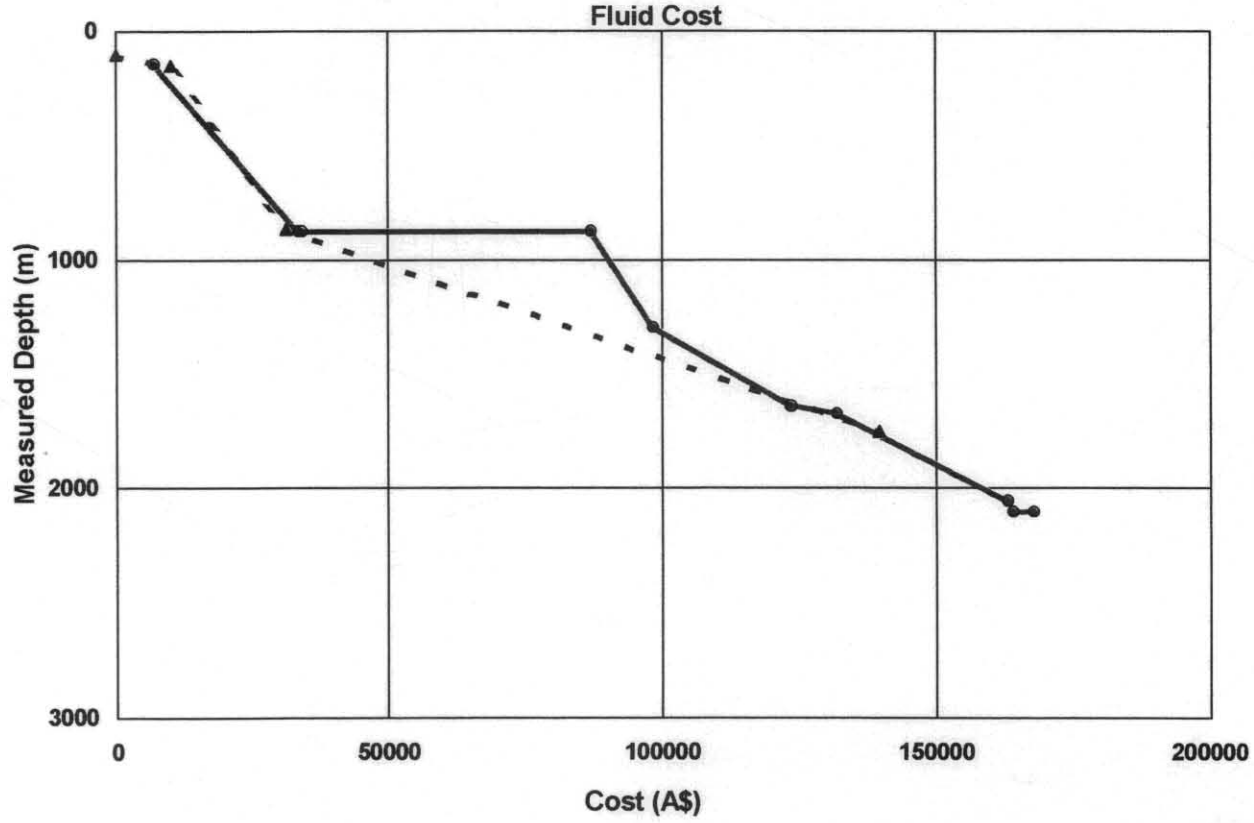
DRILLING FLUID PERFORMANCE

Operator : GLOBEX Far East
Well : Barramundi-1

Drilling Progress



Fluid Cost



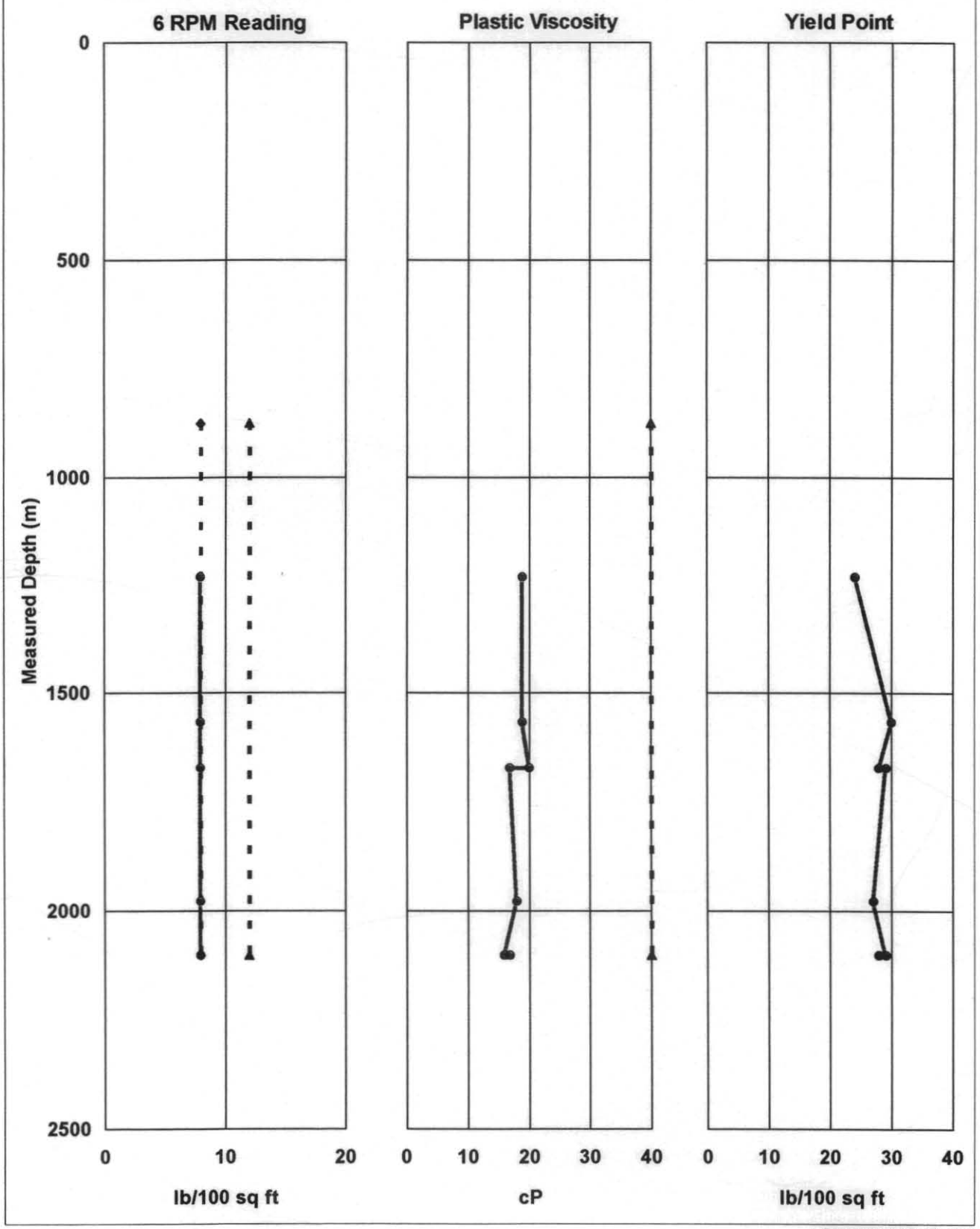
Baroid Australia Pty Ltd

5 cm

574064

DRILLING FLUID PROPERTIES (Page - 1)

Operator : GLOBEX Far East
Well : Barramundi-1



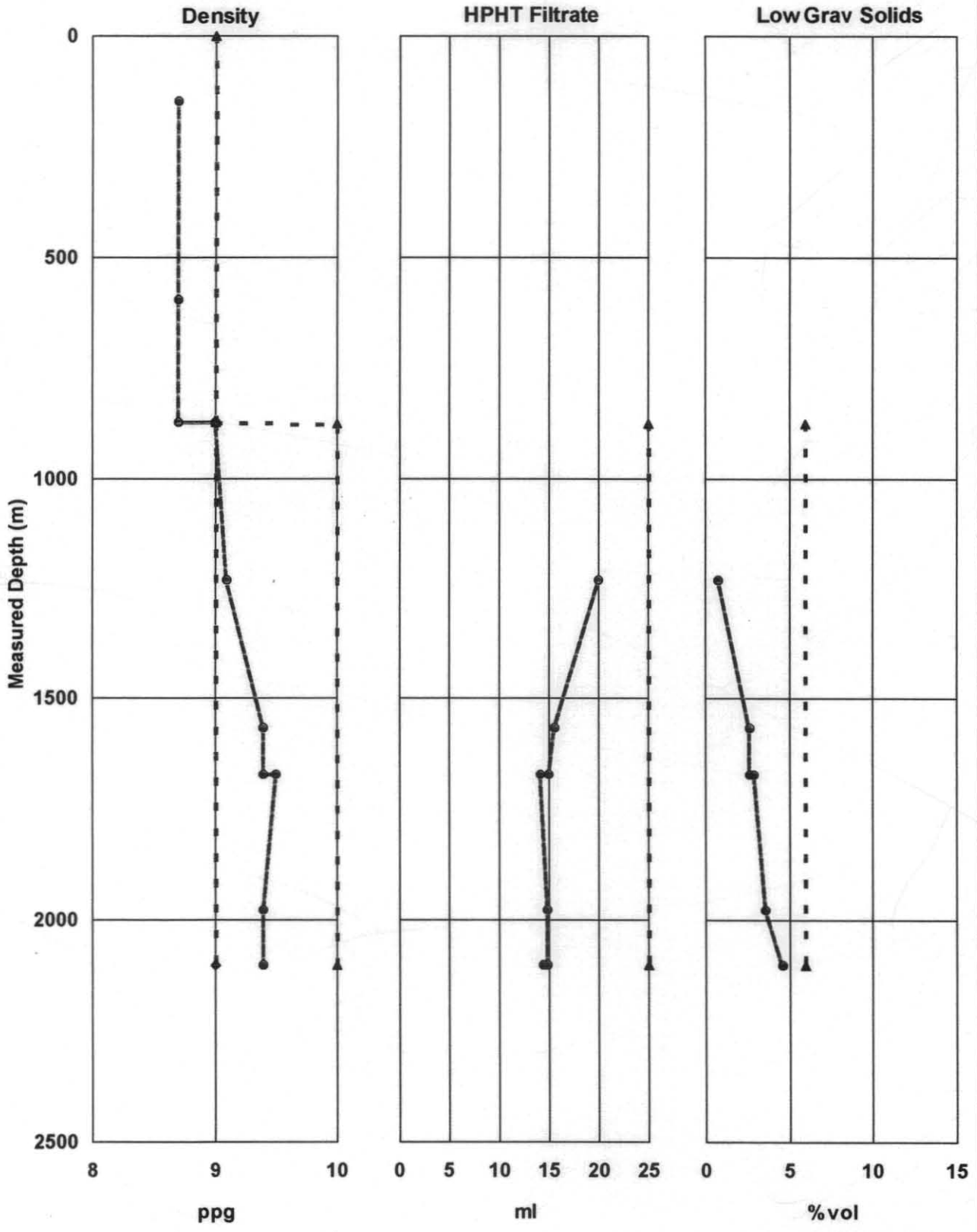
Baroid Australia Pty Ltd

5 cm

574065

DRILLING FLUID PROPERTIES (Page - 2)

Operator : GLOBEX Far East
Well : Barramundi-1



Baroid Australia Pty Ltd

5 cm

574066

POST WELL AUDIT

574067

Postwell Audit

GLOBEX Far East

Barramundi-1

Drilling Contractor	**Sedco Forex**
Rig	**702**
Prepared by	**HAYDEN BUTLER**
Date	**01/11/99**
Internal Well Number	**M0300355**

574068

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Contents

574069

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Well Summary

Well data	Spud date	: 24/09/99
	TD date	: 02/10/99
	Days on well	: 10
	Drilling days	: 7
	Water depth (RKB to seabed)	: 76 (103) meters
	Total measured depth	: 2,100 meters
	Distance Drilled	: 1,997 meters
	BHT	: 87 Deg C
	Total mud cost	: $A 163,309.77
	Mud cost per meters	: $A 81.76
	Total cost	: $A 168,003.35
	Baroid Engineers	: EMAD ELZAHABY : HAYDEN BUTLER

Casing Program	Casing size in.	Shoe depth meters
	30	147
	13 3/8	869

Mud type	Interval meters	Hole size in.	Mud cost, $A
Gel/Seawater	103 To 147	36	6,958.28
Gel/Seawater	147 To 875	17.5	26,466.20
KCl/Polymer	875 To 2100	12.25	129,885.29

574070

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Total Material Consumption

Material	Unit size	Quantity	Total cost ($A)
AQUAGEL	100 LB. BAG	1,250	32,212.50
BARACIDE	25 KG. CAN	12	6,262.68
BARACOR 129	25 KG. CAN	23	1,698.78
barite	100 LB. BULK	704.000	10,482.56
Calcium Chloride (74%)	25 KG. SACK	10	175.30
caustic soda	25 KG. PAIL	9	470.16
DEXTRID LT	25 KG. BAG	191	12,260.29
EZ MUD DP	50 LB. SACK	88	12,298.88
lime	20 KG. BAG	31	388.12
PAC-L	25 KG. BAG	7	1,255.80
PAC-R	25 KG. BAG	80	14,352.00
Potassium Chloride	4000 KG. POD	12.000	25,762.08
potassium hydroxide	20 KG. PAIL	22	1,174.80
soda ash	25 KG. BAG	20	356.80
sodium bicarbonate	25 KG. BAG	5	97.90
XCD Polymer	25 KG. BAG	96	44,061.12
Miscellaneous Items			
Cementing			773.10
Plug & Abandon			3,920.48

Total mud cost	$A 163,309.77
Total miscellaneous cost	$A 4,693.58
Total cost	$A 168,003.35
Programmed mud cost	$A 139,848.47
Variance	$A 23,461.30

574071

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Summary

Interval # 01

Bit Size	36 in.
Mud type(s)	Gel/Seawater
Top of interval	102.5 meters
Bottom of interval	147.0 meters
Maximum density	8.70 ppg
Interval start date	24/09/99
Interval end date	24/09/99
Interval days	1
Drilling days	1
Interval TD date	24/09/99
Rotating hours	3.00
Average penetration rate	14.8 meters
Maximum flowline temperature	0° Deg C
Casing size	30 in.
Major lithology	Sand, Shell
Interval mud cost	$A 6,958.28
Mud cost per (bbl)	$A 5.80
Mud cost per meters	$A 156.35
Total Interval Cost	$A 6,958.28

574072

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Summary

Interval # 02

Bit Size	17.5 in.
Mud type(s)	Gel/Seawater
Top of interval	147.0 meters
Bottom of interval	875.0 meters
Maximum density	8.70 ppg
Interval start date	25/09/99
Interval end date	26/09/99
Interval days	2
Drilling days	1
Interval TD date	25/09/99
Rotating hours	18.00
Average penetration rate	40.4 meters
Maximum flowline temperature	0° Deg C
Casing size	13 3/8 in.
Major lithology	Limestone
Interval mud cost	$A 26,466.20
Mud cost per (bbl)	$A 8.02
Mud cost per meters	$A 36.36
Total Interval Cost	$A 27,239.30

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Interval Summary

Interval # 03

Bit Size	12.25 in.
Mud type(s)	KCl/Polymer
Top of interval	875.0 meters
Bottom of interval	2,100.0 meters
Maximum density	9.50 ppg
Interval start date	27/09/99
Interval end date	03/10/99
Interval days	7
Drilling days	5
Interval TD date	02/10/99
Rotating hours	70.00
Average penetration rate	17.5 meters
Bottomhole static temperature	87° Deg C
Maximum flowline temperature	52° Deg C
Major lithology	Limestone/Claystone/Sandstone
Interval mud cost	$A 129,885.29
Mud cost per (bbl)	$A 26.19
Mud cost per meters	$A 106.03
Total Interval Cost	$A 133,805.77

574074

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Material Consumption

Interval #01 36 in. Hole Section

Top of Interval 103 meters
Bottom of Interval 147 meters

Material	Unit size	Quantity	Total cost ($A)
AQUAGEL	100 LB. BAG	250	6,442.50
Calcium Chloride (74%)	25 KG. SACK	10	175.30
caustic soda	25 KG. PAIL	2	104.48
lime	20 KG. BAG	16	200.32
soda ash	25 KG. BAG	2	35.68

Interval mud cost $A 6,958.28

Programmed mud cost $A 10,113.14

Variance $A -3,154.86

574075

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Material Consumption

Interval #02 17.5 in. Hole Section

Top of Interval 147 meters
Bottom of Interval 875 meters

Material	Unit size	Quantity	Total cost ($A)
AQUAGEL	100 LB. BAG	1,000	25,770.00
caustic soda	25 KG. PAIL	7	365.68
lime	20 KG. BAG	15	187.80
soda ash	25 KG. BAG	8	142.72
Miscellaneous Items			
Cementing			773.10

Interval mud cost	$A 26,466.20
Interval miscellaneous cost	$A 773.10
Total interval cost	$A 27,239.30
Programmed mud cost	$A 21,209.05
Variance	$A 5,257.15

574076

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Interval Material Consumption

Interval #03 12.25 in. Hole Section

Top of Interval 875 meters
Bottom of Interval 2,100 meters

Material	Unit size	Quantity	Total cost ($A)
BARACIDE	25 KG. CAN	12	6,262.68
BARACOR 129	25 KG. CAN	23	1,698.78
barite	100 LB. BULK	704.000	10,482.56
DEXTRID LT	25 KG. BAG	191	12,260.29
EZ MUD DP	50 LB. SACK	88	12,298.88
PAC-L	25 KG. BAG	7	1,255.80
PAC-R	25 KG. BAG	80	14,352.00
Potassium Chloride	4000 KG. POD	12.000	25,762.08
potassium hydroxide	20 KG. PAIL	22	1,174.80
soda ash	25 KG. BAG	10	178.40
sodium bicarbonate	25 KG. BAG	5	97.90
XCD Polymer	25 KG. BAG	96	44,061.12
Miscellaneous Items			
Plug & abandon			3,920.48

Interval mud cost	$A 129,885.29
Interval miscellaneous cost	$A 3,920.48
Total interval cost	$A 133,805.77
Programmed mud cost	$A 108,526.28
Variance	$A 21,359.01

574077

Company:	GLOBEX Far East	County:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Mud Consumption

Interval #01

Hole size	36 in.	
Interval length	44.5	meters
Mud type(s)	Gel/Seawater	
Mud lost (downhole)	0.0	bbl
Mud lost (solids control)	0.0	bbl
Mud lost (surface)	1,200.0	bbl
Mud lost (evaporation)	0.0	bbl
Mud lost (other)	0.0	bbl
Mud dumped	0.0	bbl
Mud returned	0.0	bbl
Total mud lost	1,200.0	bbl
Mud consumption rate	26.966	bbl/meters
Surface loss rate	26.966	bbl/meters

574078

Company:	GLOBEX Far East	County:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Mud Consumption

Interval #02

Hole size	17.5 in.	
Interval length	727.9	meters
Mud type(s)	Gel/Seawater	
Mud lost (downhole)	0.0	bbl
Mud lost (solids control)	0.0	bbl
Mud lost (surface)	0.0	bbl
Mud lost (evaporation)	0.0	bbl
Mud lost (other)	3,300.0	bbl
Mud dumped	0.0	bbl
Mud returned	0.0	bbl
Total mud lost	3,300.0	bbl
Mud consumption rate	4.534	bbl/meters
Surface loss rate	4.534	bbl/meters

574079

Company:	GLOBEX Far East	County:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Interval Mud Consumption

Interval #03

Hole size	12.25 in.	
Interval length	1,225.0 meters	
Mud type(s)	KCl/Polymer	
Mud lost (downhole)	0.0	bbl
Mud lost (solids control)	2,194.0	bbl
Mud lost (surface)	25.0	bbl
Mud lost (evaporation)	0.0	bbl
Mud lost (other)	0.0	bbl
Mud dumped	348.0	bbl
Mud returned	0.0	bbl
Total mud lost	2,567.0	bbl
Mud consumption rate	2.096	bbl/meters
Surface loss rate	2.096	bbl/meters

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Daily Mud Volume Record

HOLE SIZE:36 in. **MUD TYPE:Gel/Seawater**

DATE	INITIAL VOLUME bbl	MUD RECEIVED bbl	OIL ADDED bbl	WATER ADDED bbl	BARITE ADDED bbl	CHEMICALS ADDED bbl	DAILY TOTAL bbl	CUMLATIVE TOTAL bbl	MUD LOST SURFACE bbl	MUD LOST DOWNHOLE bbl	TOTAL DAILY LOSSES bbl	CUMLATIVE LOSSES bbl	MUD RETURNED bbl	FINAL VOLUME bbl	HOLE VOLUME bbl	ACTIVE PITS bbl	RESERVE PITS bbl
24/09/99	0	0	0	1,180	0	20	1,200	1,200	1,200	0	1,200	1,200	0	0	367	-367	0

Company: GLOBEX Far East
Well Name: Barramundi-1
Contractor: Sedco Forex
Rig: 702

Country: AUSTRALIA
Geo Area: BASS STRAIT
Field: T-27-P
Region: Tasmania

Daily Mud Volume Record

HOLE SIZE:17.5 in. **MUD TYPE:Gel/Seawater**

DATE	INITIAL VOLUME bbl	MUD RECEIVED bbl	OIL ADDED bbl	WATER ADDED bbl	BARITE ADDED bbl	CHEMICALS ADDED bbl	DAILY TOTAL bbl	CUMLATIVE TOTAL bbl	MUD LOST SURFACE bbl	MUD LOST DOWNHOLE bbl	TOTAL DAILY LOSSES bbl	CUMLATIVE LOSSES bbl	MUD RETURNED bbl	FINAL VOLUME bbl	HOLE VOLUME bbl	ACTIVE PITS bbl	RESERVE PITS bbl
25/09/99	0	0	0	3,200	0	100	3,300	3,300	3,300	0	3,300	3,300	0	-0	1,078	-1,078	0
26/09/99	-0	0	0	0	0	0	0	3,300	0	0	0	3,300	0	-0	631	-631	0

57408 1

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Daily Mud Volume Record

HOLE SIZE:12.25 in. **MUD TYPE:KCl/Polymer**

DATE	INITIAL VOLUME bbl	MUD RECEIVED bbl	OIL ADDED bbl	WATER ADDED bbl	BARITE ADDED bbl	CHEMICALS ADDED bbl	DAILY TOTAL bbl	CUMLATIVE TOTAL bbl	MUD LOST SURFACE bbl	MUD LOST DOWNHOLE bbl	TOTAL DAILY LOSSES bbl	CUMLATIVE LOSSES bbl	MUD RETURNED bbl	FINAL VOLUME bbl	HOLE VOLUME bbl	ACTIVE PITS bbl	RESERVE PITS bbl
27/09/99	-0	0	0	1,970	39	40	2,049	2,049	0	0	0	0	0	2,049	503	-503	2,049
28/09/99	2,049	0	0	402	0	8	410	2,459	340	0	340	340	0	2,119	658	826	635
29/09/99	2,119	0	0	811	6	18	835	3,294	340	0	340	680	0	2,814	813	749	1,052
30/09/99	2,814	0	0	387	0	8	395	3,689	386	0	386	1,066	0	2,623	824	764	1,035
01/10/99	2,623	0	0	1,245	0	25	1,270	4,959	1,148	0	1,148	2,214	0	2,745	993	815	937
02/10/99	2,745	0	0	0	0	0	0	4,959	290	0	290	2,504	0	2,455	1,092	644	719
03/10/99	2,455	0	0	0	0	0	0	4,959	63	0	63	2,567	0	2,392	1,092	600	700

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Mud Program Exceptions Report

THERE WERE NO EXCEPTIONS TO THE MUD PROGRAM!

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Mud Property Recap:Water-Based Mud

DATE	DEPTH	F/L TEMP	DENSITY	FUN VIS	RHEOLOGY @ 120°F				pH	FILTRATION				FILTRATE ANALYSIS					SAND	RETORT ANALYSIS				MBT	RHEOMETER DIAL READINGS		
					PV	YP	GELS			API	HTHP	Cake	Temp	Pm	Pf	Mf	Cl	Total Hardness		Corr Solids	LGS	Oil	Water				
	meters	Deg C	ppg	sec/qt	cP	lbs/100 ft2				ml/30 ml	ml/30 min	32nd in	Deg C	ml	ml	ml	mg/L	mg/L	% by vol	% by vol	% by vol	% by vol	% by vol	me/ml mud	600/300	200/100	6/3
24/09/99	147		8.7	150	1.0		/					2/0	121												/	/	/
25/09/99	875		8.7	150	1.0		/					2/0	121												/	/	/
26/09/99	875		8.7	28	1.0		/					2/0	121												/	/	/
27/09/99	875		9.0	100	1.0		/					2/0	121												/	/	/
28/09/99	1300	37	9.1	50	18.0	24.0	7.0/	8.0	9.00	5.8	19.60	1/2	121	0.15	0.07	0.30	30,000	160.0	0.2	2.25	0.74		96.00	2.50	60 / 42	34 / 25	8 / 6
29/09/99	1640	51	9.4	50	19.0	31.0	7.0/	8.0	8.50	4.6	15.20	1/3	121	0.10	0.05	0.25	28,000	160.0	0.75	4.40	2.63		94.00	4.00	69 / 50	40 / 29	8 / 6
30/09/99	1672		9.5	60	17.0	29.0	7.0/	8.0	9.00	4.4	14.20	1/3	121	0.10	0.05	0.20	27,000	140.0	0.7	4.97	2.93		93.50	4.00	63 / 46	39 / 28	8 / 6
01/10/99	2053	52	9.4	49	19.0	30.0	7.0/	8.0	9.00	4.5	15.20	1/3	121	0.10	0.05	0.25	29,000	160.0	1.6	4.85	3.58		93.50	2.50	68 / 49	40 / 29	8 / 6
02/10/99	2100		9.4	61	17.0	28.0	7.0/	8.0	9.00	4.4	14.40	1/3	121	0.15	0.08	0.25	29,000	160.0	0.9	5.36	4.59		93.00	2.50	82 / 45	36 / 28	8 / 6
03/10/99	2100		9.4	61	17.0	28.0	7.0/	8.0	9.00	4.4	14.40	1/2	121	0.15	0.08	0.25	29,000	160.0	0.9	5.36	4.59		93.00	2.50	82 / 45	36 / 28	8 / 6

Company:	GLOBEX Far East	Country:	AUSTRALIA
Well Name:	Barramundi-1	Geo Area:	BASS STRAIT
Contractor:	Sedco Forex	Field:	T-27-P
Rig:	702	Region:	Tasmania

Daily Operations Log

DATE	DEPTH meters	OPERATION
24/09/99	147	**W.O.C.** Drill ahead 36" hole from 102.5m to 147m. Pumped HI VIS sweeps as required to clean the hole. Spotted 250 bbls of prehydrated Gel on BTM and POOH for CSG. Run and cemented the 30" casing.
25/09/99	875	**POOH** Drill ahead 17 1/2" hole to TD at 875 m. At TD, pumped 100 bbls of Hi Vis pill to sweep the hole and POOH to the casing shoe. Run back to BTM and displaced the hole with 1.5 x the open hole volume using undiluted high viscosity prehydrated Gel.POOH for CSG.
26/09/99	875	**FUNCTION TEST BOPS** POOH from 875m, to 105m. Jet wellhead & ì PGB. Cont POOH to surface. R/U to run 13 3/8" casing. P/U shoe joint & RIH with ì casing. P/U hanger assy, cont RIH on 5" DP. Land well head housing. Rig up surface ì lines. Mix & pump cement as per program. P/U cement head assy, breakout & lay out. M/U double of riser & rack back in derrick. Move BOP across to beams. Function test ì BOPs.
27/09/99	875	**RIH W/- 12 1/4" BHA** Pressure test choke & kill lines. Run BOPs. P/test BOPs. Service TDS & RBS. P/test ì casing against shear rams. P/U & M/U hang ì off tool assy & rack in derrick. L/O 17.5" ì drilling assy. P/U flex joint wear bushing, ì RIH & set. POOH & L/O running tool. M/U 12 1/4" BHA & RIH.
28/09/99	1,300	**DRILLING** Cont RIH to 728m. Wash down to 843m. Drill out plugs, float & shoe, cement f/ 843m to 875m. Drill 12 1/4" hole to 878m. Displace hole to mud - weight 9ppg. Pull back into shoe & perform leak off test to 14.3 ppg. Drill 12 1/4" hole f/ 878m to 1001m. Pull off bottom, circulate & condition mud due to shaker losses. Cont drill to 1181m. Circulate hole clean & drop totco survey. Recover survey - 1 1/4 degrees. Cont drill to 1300m.

574086

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Daily Operations Log

DATE	DEPTH meters	OPERATION
29/09/99	1,640	**DRILLING** Continue to drill 12 1/4" hole from 1,300m ì to 1333m. Circ up sample for geologist. Cont drill to 1433m, circulate up sample for ì geologist. Cont drill to 1527m at a ì controlled rate of < 30 m/hr. Circulate ì bottoms up until hole clean. Drop totco ì survey - recover survey 1/2 degree. ì Continue to drill to 1536m, circulate up ì sample. Drill 12 1/4" hole from 1,536m to ì 1,640m.
30/09/99	1,672	**RIH** Continue to drill to 1672m. Flow check & ì POOH to shoe @ 869m, backreaming tight spots ì @ 1564m to 1493m, 1375m to 1355m - coals; and from 1298m to 900m. Circulate bottoms ì up - shakers clean. Flow check, pump slug & ì POOH. Change bit, extra drill collars & ì RIH, reaming tight spots as required.
01/10/99	2,053	**DRILLING** Precautionary wash and ream to bottom. Work ì tight spot at 1640m, & tag bottom - no fill. Feather in new PDC bit. Continue to drill ì 12 1/4" hole from 1672m to 2053m.
02/10/99	2,100	**LOGGING** Continue to drill from 2053m to 2100m. ì Circulate bottoms up - shakers clean. Flow check & POOH to 1670m, no drag observed ì - hole in good condition. RIH & tag bottom ì - no fill. Circ bottoms up. Drop totco ì survey, pump slug & POOH to 1341m, ì backreaming through tight spot @ 1341m. Cont POOH to casing shoe & retrieve survey, ì 1 degree. Cont POOH & rack BHA. Rig up ì Schlumberger wireline & run wireline logs.
03/10/99	2,100	**P & A** Continue wireline logging. P & A as per program.

Company:	**GLOBEX Far East**	**Country:**	**AUSTRALIA**
Well Name:	**Barramundi-1**	**Geo Area:**	**BASS STRAIT**
Contractor:	**Sedco Forex**	**Field:**	**T-27-P**
Rig:	**702**	**Region:**	**Tasmania**

Bit and Hydraulic Record

DATE IN	BIT NO.	BIT SIZE in.	BIT MAKE	BIT TYPE	JETS or TFA	DEPTH OUT meters	DRILLED meters	HOURS RUN	CUM HOURS	WEIGHT ON BIT lb/1000	BIT RPM -	PUMP OUTPUT gpm	ANN. VEL DP/DC m/min	PUMP PRESSURE psig	MUD WEIGHT ppg	BIT GRADING	MUD TYPE, LITHOLOGY, REMARKS
24/09/99	1	26.00	SMITH	DSJ-C	3 X 24	147	45	1		3	70	1000	0/0		9	1-1-NO-A-E	Seawater / Pre-hydrated AQUAGEL Bentonite Sweeps, Torquay Group - Limestone
25/09/99	2	17.50	SMITH	MSDSSHQC	3 X 24, 1	875	728	19		15	110	1260	0/0		9	1-1-NO-A-E	Seawater / Pre-hydrated AQUAGEL Bentonite Sweeps, Torquay Group - Limestone.
28/09/99	3	12.25	GEODIAMOND	S91HPX	7 X 16	1672	797	36		10	130	1110	22/97	2400	9	4-8-RO-C-X	KCl/PHPA/Polymer, Torquay Limestone, Claystone, I Siltstone, Sandstone, Coals.
30/09/99	4	12.25	GEODIAMOND	M34HVX	6 X 14, 1	2100	428	20		10	140	850	17/78	1800	9	2-2-WT-G-1	KCl/PHPA/Polymer, Siltstone, Sandstone, Coals.

574088

DAILY MUD REPORTS

574089

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 1

Date	Depth
24/09/99	147.0 m [MD]
Spud Date	Present Activity
24/09/99	W.O.C.

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman/L. Kronstal	L. Macracken/C.Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m	CASING	CIRCULATION DATA
Size 36 in.	Pipe OD ID Len.		Pump Make/Model Oilwell A1700PT
Type	Pipe OD ID Len.	in. m	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 0 bbl/min 0.0
Jets 32nd inch	Collar OD ID Len.	Set @	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 0 bbl/min 0.0
Tot Noz Area	Size Len.	Set @	Pump Make/Model Oilwell A1700PT
TFA	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 0 bbl/min 0.0
	Size Len.	Set @	Tot. Vol./min 0 gpm 0.0 bbl
	Size Len.	Set @	BU Time 0 TC Time 0

MUD PROPERTIES	Primary	2	3	Program Targets *=Excep P 2 3	Essential Program Properties
Source	Pits, Uncr				
Time	04:32				
FL Temp Deg F	32				
Depth m	147.0				
Weight ppg	8.7				
FV @ 60 Deg F sec/qt	150				
PV @ 120 Deg F cP	1				
YP lbs/100 ft2	0				
Gels lbs/100 ft2	0/0				
API Filt. ml/30 min	0.0				
HTHP @ 250 Deg F ml/30 min	0.0				
Cake API/HTHP 32nd in	2/0				
Corr.Solids % by vol	0.0				
Oil/Water % by vol	0.0/0.0				
Sand % by vol					
MBT	0.0				
pH STRIP	0.0				
Alk. Mud (Pm)	0.00				
Alk. Piltr. (Pf/Mf)	0.00/0.00				
Chlorides mg/l	0				
Hard. Ca mg/l	0				
Low Gravity Solids ppb	0.00				

MUD TREATMENTS

Mixed 800 bbls of prehydrated Gel @ 35 ppb. Diluted the prehydrated Gel with sea water and added lime for the use as Hi Vis sweeps. Continue to mix prehydrated Gel for the 17 1/2" hole.

RIG ACTIVITY

Drill ahead 36" hole from 102.5m to 147m. Pumped HI VIS sweeps as required to clean the hole. Spotted 250 bbls of prehydrated Gel on BTM and POOH for CSG.
Run and cemented the 30" casing.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
AQUAGEL - 100 LB. BAG	250	6442.50			
calcium chloride 74% - 25 KG.	10	175.30			
caustic soda - 25 KG. PAIL	2	104.48			
lime - 20 KG. BAG	16	200.32			
soda ash - 25 KG. BAG	2	35.68			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52x52	
Shkr #2	Thule	84x84	
Shkr #3	Thule	120x105	

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
367	-367
Active Volume	
0	
Reserve	Total
	0
Low Grav, vol %	0.0
ppb	0.00
High Grav, vol %	0.0
ppb	0.00
ASG	
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE	
SEAWATER/HI VIS SWEEPS	
MUD CONSUMPTION	
ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	780
Sea Water	400
Whole Mud	0
Barite	0
Chemicals	20
LOSSES	bbl
Dumped	0
Lost	1200
VOL GAIN/LOSS	0

RHEOLOGY AND HYDRAULICS

600 rpm	
300 rpm	
200 rpm	
100 rpm	
6 rpm	
3 rpm	
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	0.0
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO

MD	147.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	3.00
CIRC	0.00
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	4.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	17.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 6958.28	$A 6958.28

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574090

Baroid Australia Pty Ltd
DRILLING MUD REPORT
(Cost Modified)

REPORT NUMBER: 2

Date	Depth
25/09/99	875.0 m [MD]
Spud Date	Present Activity
24/09/99	POOH

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman/L. Kronstal	L. Macracken/C.Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m			CASING	CIRCULATION DATA		
Size 17.5 in.	Pipe OD	ID	Len.		Pump Make/Model	Oilwell A1700PT	
Type	Pipe OD	ID	Len.	in. m	Size 6 X 12	Eff. 97.00	V/st 0.102
No. Jets	Pipe OD	ID	Len.	30 Set @ 147.0	spm 0	bbl/min 0.0	
Jets 32nd inch	Collar OD	ID	Len.	Set @	Pump Make/Model	Oilwell A1700PT	
	Collar OD	ID	Len.	Set @	Size 6 X 12	Eff. 97.00	V/st 0.102
	in. OPEN HOLE m			Set @	spm 0	bbl/min 0.0	
Tot Noz Area	Size 17.5	Len. 728.0		Set @	Pump Make/Model	Oilwell A1700PT	
TFA	Size	Len.		Set @	Size 6 X 12	Eff. 97.00	V/st 0.102
	Size	Len.		Set @	spm 0	bbl/min 0.0	
	Size	Len.		Set @	Tot. Vol./min 0	gpm 0.0	bbl
	Size	Len.		Set @	BU Time 0	TC Time 0	

MUD PROPERTIES	Primary	2	3	Program Targets *=Excep P 2 3	Essential Program Properties
Source	Pits, Uncr				
Time	06:50				
FL Temp Deg F	32				
Depth m	597.0				
Weight ppg	8.7				
FV @ 60 Deg F sec/qt	150				
PV @ 120 Deg F cP	1				
YP lbs/100 ft2	0				
Gels lbs/100 ft2	0/0				
API Filt. ml/30 min	0.0				
HTHP @ 250 Deg F ml/30 min	0.0				
Cake API/HTHP 32nd in	2/0				
Corr.Solids % by vol	0.0				
Oil/Water % by vol	0.0/0.0				
Sand % by vol					
MBT	0.0				
pH STRIP	0.0				
Alk. Mud (Pm)	0.00				
Alk. Filtr. (Pf/Mf)	0.00/0.00				
Chlorides mg/l	0				
Hard. Ca mg/l	0				
Low Gravity Solids ppb	0.00				

MUD TREATMENTS

Mixed 2700 bbls of prehydrated Gel @ 35 ppb Diluted the prehydrated Gel as required with sea water and add lime for the use as Hi Vis sweeps.

RIG ACTIVITY

Drill ahead 17 1/2" hole to TD at 875 m. At TD, pumped 100 bbls of Hi Vis pill to sweep the hole and POOH to the casing shoe. Run back to BTM and displaced the hole with 1.5 x the open hole volume using undiluted high viscosity prehydrated Gel.POOH for CSG.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
AQUAGEL - 100 LB. BAG	1000	25770.00			
caustic soda - 25 KG. PAIL	7	365.68			
lime - 20 KG. BAG	15	187.80			
soda ash - 25 KG. BAG	8	142.72			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52x52	
Shkr #2	Thule	84x84	
Shkr #3	Thule	120x105	

MUD MANAGEMENT

MUD VOLUME bbl

Hole	Pits
1078	-1078

Active Volume -0

Reserve	Total
	-0

Low Grav, vol %	0.0
ppb	0.00
High Grav, vol %	0.0
ppb	0.00
ASG	
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE: SEAWATER/HI VIS SWEEPS

MUD CONSUMPTION

ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	2700
Sea Water	500
Whole Mud	0
Barite	0
Chemicals	100
LOSSES	bbl
Dumped	0
Lost	3300
VOL GAIN/LOSS	0

RHEOLOGY AND HYDRAULICS

600 rpm	
300 rpm	
200 rpm	
100 rpm	
6 rpm	
3 rpm	
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	0.0
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO

MD	875.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	18.00
CIRC	0.00
TRIPS	6.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	0.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 26466.20	$A 33424.48

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574091

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 3

Date	Depth
26/09/99	875.0 m [MD]
Spud Date	Present Activity
24/09/99	FUNCTION TEST BOPS

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / C. Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m			CASING	CIRCULATION DATA			
Size in.	Pipe OD	ID	Len.		Pump Make/Model	Oilwell A1700PT		
Type	Pipe OD	ID	Len.	in. m	Size 6 X 12	Eff. 97.00	V/st	0.102
No. Jets	Pipe OD	ID	Len.	30 Set @ 147.0	spm 0	bbl/min 0.0		
Jets 32nd inch	Collar OD	ID	Len.	13 3/8 Set @ 869.0	Pump Make/Model	Oilwell A1700PT		
	Collar OD	ID	Len.	Set @	Size 6 X 12	Eff. 97.00	V/st	0.102
	in. OPEN HOLE m			Set @	spm 0	bbl/min 0.0		
Tot Noz Area	Size 0	Len. 6.0		Set @	Pump Make/Model	Oilwell A1700PT		
TFA	Size	Len.		Set @	Size 6 X 12	Eff. 97.00	V/st	0.102
	Size	Len.		Set @	spm 0	bbl/min 0.0		
	Size	Len.		Set @	Tot. Vol./min 0	qpm 0.0	bbl	
	Size	Len.		Set @	BU Time 0	TC Time 0		

MUD PROPERTIES		Primary	2	3	Program Targets *=Excep	Essential Program Properties
Source		Pits, Uncr			P 2 3	
Time		24:00				
FL Temp	Deg F	32				
Depth	m	875.0				
Weight	ppg	8.7				
FV @ 60 Deg F	sec/qt	28				
PV @ 120 Deg F	cP	1				
YP	lbs/100 ft2	0				
Gels	lbs/100 ft2	0/0				
API Filt.	ml/30 min	0.0				
HTHP @ 250 Deg F	ml/30 min	0.0				
Cake API/HTHP	32nd in	2/0				
Corr.Solids % by vol		0.0				
Oil/Water % by vol		0.0/0.0				
Sand % by vol						
MBT		0.0				
pH STRIP		0.0				
Alk. Mud (Pm)		0.00				
Alk. Filtr. (Pf/Mf)		0.00/0.00				
Chlorides mg/l		0				
Hard. Ca mg/l		0				
Low Gravity Solids ppb		0.00				

MUD TREATMENTS

Mixed a total of 1,623 bbls of new KCl/Polymer/PHPA mud for the 12 1/4" hole section. Weighted volume up to 9.0 ppg. Began a further mix in pit 4.
The volume and cost of the polymer mud will be considered on the next report.

Gel used in cement mix water.

RIG ACTIVITY

POOH from 875m, to 105m. Jet wellhead & PGB. Cont POOH to surface. R/U to run 13 3/8" casing. P/U shoe joint & RIH with casing. P/U hanger assy, cont RIH on 5" DP. Land well head housing. Rig up surface lines. Mix & pump cement as per program. P/U cement head assy, breakout & lay out. M/U double of riser & rack back in derrick. Move BOP across to beams. Function test BOPs.

MATERIALS USED

NO INVENTORY USED ON THIS REPORT

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52 x 52	
Shkr #2	Thule	84 x 84	
Shkr #3	Thule	120x105	

MUD MANAGEMENT

MUD VOLUME bbl

Hole	Pits
631	-631

Active Volume -0

Reserve	Total
	-0

Low Grav, vol %	0.0
ppb	0.00
High Grav, vol %	0.0
ppb	0.00
ASG	
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE: SEAWATER/HI VIS SWEEPS

MUD CONSUMPTION

ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	0
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	0
LOSSES	bbl
Dumped	0
Lost	0
VOL GAIN/LOSS	0

RHEOLOGY AND HYDRAULICS

600 rpm	
300 rpm	
200 rpm	
100 rpm	
6 rpm	
3 rpm	
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	0.0
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO

MD	875.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	0.00
CIRC	0.00
TRIPS	5.75
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	11.25
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	7.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 0.00	$A 33424.48

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574092

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 4

Date	Depth
27/09/99	875.0 m [MD]
Spud Date	Present Activity
24/09/99	RIH W/- 12 1/4" BHA

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / C. Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m		CASING		CIRCULATION DATA		
Size 12.25 in.	Pipe OD	ID Len.	in.	m	Pump Make/Model	Oilwell A1700PT	
Type GeoD S91HPX	Pipe OD	ID Len.	21 Riser	101.7	Size 6 X 12	Eff. 97.00	V/st 0.102
No. Jets	Pipe OD	ID Len.	30 Set @	147.0	spm 0	bbl/min 0.0	
Jets sq-in	Collar OD	ID Len.	13 3/8 Set @	869.0	Pump Make/Model	Oilwell A1700PT	
	Collar OD	ID Len.	Set @		Size 6 X 12	Eff. 97.00	V/st 0.102
	in. OPEN HOLE m		Set @		spm 0	bbl/min 0.0	
Tot Noz Area	Size 0	Len. 6.0	Set @		Pump Make/Model	Oilwell A1700PT	
TFA 1.374	Size	Len.	Set @		Size 6 X 12	Eff. 97.00	V/st 0.102
	Size	Len.	Set @		spm 0	bbl/min 0.0	
	Size	Len.	Set @		Tot. Vol./min 0	gpm 0.0	bbl
	Size	Len.	Set @		BU Time 0	TC Time 0	

MUD PROPERTIES	Primary	2	3	Program Targets *=Excep	Essential Program Properties
Source	Pits, Uncr			P 2 3	
Time	24:00				
FL Temp Deg F	32				
Depth m	875.0				
Weight ppg	9.0				
FV @ 60 Deg F sec/qt	100				
PV @ 120 Deg F cP	1				
YP lbs/100 ft2	0				
Gels lbs/100 ft2	0/0				
API Filt. ml/30 min	0.0				
HTHP @ 250 Deg F ml/30 min	0.0				
Cake API/HTHP 32nd in	2/0				
Corr.Solids % by vol	0.0				
Oil/Water % by vol	0.0/0.0				
Sand % by vol					
MBT	0.0				
pH STRIP	0.0				
Alk. Mud (Pm)	0.00				
Alk. Filtr. (Pf/Mf)	0.00/0.00				
Chlorides mg/l	0				
Hard. Ca mg/l	0				
Low Gravity Solids ppb	0.00				

MUD TREATMENTS

Mixed a further 426 bbls of KCl/Polymer/PHPA mud, giving a total of 2,049 bbls prior to displacement. Volume and cost for the total amount shown on ths report.
Pretreated displacement mud with sodium bicarbonate.

RIG ACTIVITY

Pressure test choke & kill lines. Run BOPs. P/test BOPs. Service TDS & RBS. P/test casing against shear rams. P/U & M/U hang off tool assy & rack in derrick. L/O 17.5" drilling assy. P/U flex joint wear bushing, RIH & set. POOH & L/O running tool. M/U 12 1/4" BHA & RIH.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
BARACIDE - 25 KG. CAN	5	2609.45	sodium bicarbonate - 25 KG.	5	97.90
DEXTRID LT - 25 KG. BAG	76	4878.44			
EZ MUD DP - 50 LB. SACK	22	3074.72			
PAC-R - 25 KG. BAG	37	6637.80			
Potassium Chloride - 4000 KG.	5	10734.20			
XCD Polymer - 25 KG. BAG	35	16063.95			
barite - 100 LB. BULK	574.000	8546.86			
potassium hydroxide - 20 KG.	5	267.00			
soda ash - 25 KG. BAG	5	89.20			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52 x 52	
Shkr #2	Thule	84 x 84	
Shkr #3	Thule	120x105	

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
503	-503
Active Volume	
0	
Reserve	Total
2049	2049
Low Grav, vol %	0.0
ppb	0.00
High Grav, vol %	0.0
ppb	0.00
ASG	
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE	
KCL/PHPA/POLYMER	
MUD CONSUMPTION	bbl
ADDITIONS	
Oil	0
Brine Water	0
Drill Water	1970
Sea Water	0
Whole Mud	0
Barite	39
Chemicals	40
LOSSES	bbl
Dumped	0
Lost	0
VOL GAIN/LOSS	2049

RHEOLOGY AND HYDRAULICS	
600 rpm	
300 rpm	
200 rpm	
100 rpm	
6 rpm	
3 rpm	
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT	
Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	0.0
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO	
MD	875.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME	
DRLG	0.00
CIRC	0.00
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	24.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 52999.52	$A 86424.00

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574093

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 5

Date	Depth
28/09/99	1300.0m [MD]
Spud Date	Present Activity
24/09/99	DRILLING

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / C. Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m	CASING	CIRCULATION DATA
Size 12.25 in.	Pipe OD 5 ID 4.276 Len. 1043.8	in. m	Pump Make/Model Oilwell A1700PT
Type GeoD S91HPX	Pipe OD 5 ID 3.000 Len. 138.7	21 Riser 101.7	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 85 bbl/min 8.7
Jets sq-in	Collar OD 8.25 ID 2.875 Len. 117.5	13 3/8 Set @ 869.0	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 85 bbl/min 8.7
Tot Noz Area	Size 12.25 Len. 431.0	Set @	Pump Make/Model Oilwell A1700PT
TFA 1.374	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 85 bbl/min 8.7
	Size Len.	Set @	Tot. Vol./min 1090 gpm 26.0 bbl
	Size Len.	Set @	BU Time 23 TC Time 57

MUD PROPERTIES		Primary	2	3	Program	Essential
Source		Flowline	Pits, Circ	Flowline	Targets	Program
Time		20:15	19:30	09:15	*=Excep	Properties
FL Temp	Deg F	99	99	84	P 2 3	875.1 1749.9
Depth	m	1241.0	1230.0	943.0		9.0 10.0
Weight	ppg	9.1	9.1	9.0		
FV @ 77 Deg F	sec/qt	50	51	53		
PV @ 120 Deg F	cP	18	19	14		
YP	lbs/100 ft2	24	24	24		
Gels	lbs/100 ft2	7/8	7/9	6/7		
API Filt.	ml/30 min	5.8	6.0	7.0		< 8.0
HTHP @ 250 Deg F	ml/30 min	19.6	20.0	23.0		< 25.0
Cake API/HTHP	32nd in	1/2	1/2	1/2		
Corr.Solids % by vol		2.3	2.3	1.7		
Oil/Water % by vol		0.0/96.0	0.0/96.0	0.0/96.5		
Sand % by vol		0.2	0.2			
MBT		2.5	2.5	0.0		
pH STRIP		9.0	9.0	9.0		8.5 9.2
Alk. Mud (Pm)		0.15	0.15	0.35		
Alk. Filtr. (Pf/Mf)		0.07/0.30	0.05/0.30	0.10/0.25		
Chlorides mg/l		30000	30000	30000		
Hard. Ca mg/l		160	180	0		
Low Gravity Solids	ppb	6.73	6.73	4.46		< 57.00
LGS Volume	% by vol	0.7	0.7	0.5		< 6.0
6 rpm		8	8	8		8.00 12.00
KCl Content	ppb	20	20	21		14.00 21.00

MUD TREATMENTS

Displaced hole to mud. Maintained active volume with additions from reserve. Added EZ-MUD to raise PHPA content to 1 ppb. Pumped a 40 bbl mud sweep prior to displacing, and also dumped 30 bbls of cement contaminated mud. Added bicarb soda to treat cement contamination. Mixed 410 bbls of KCl/PHPA/Polymer mud.

KCl content: 5.5 %
Residual Sulphites: > 80 mg/l

RIG ACTIVITY

Cont RIH to 728m. Wash down to 843m. Drill out plugs, float & shoe, cement f/ 843m to 875m. Drill 12 1/4" hole to 878m. Displace hole to mud - weight 9ppg. Pull back into shoe & perform leak off test to 14.3 ppg. Drill 12 1/4" hole f/ 878m to 1001m. Pull off bottom, circulate & condition mud due to shaker losses. Cont drill to 1181m. Circulate hole clean & drop totco survey. Recover survey - 1 1/4 degrees. Cont drill to 1300m.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
BARACIDE - 25 KG. CAN	1	521.89			
BARACOR 129 - 25 KG. CAN	10	738.60			
DEXTRID LT - 25 KG. BAG	20	1283.80			
EZ MUD DP - 50 LB. SACK	18	2515.68			
PAC-R - 25 KG. BAG	5	897.00			
Potassium Chloride - 4000 KG.	1	2146.84			
XCD Polymer - 25 KG. BAG	7	3212.79			
potassium hydroxide - 20 KG.	2	106.80			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52 x 52	21
Shkr #2	Thule	84 x 84	21
Shkr #3	Thule	120x105	21

MUD MANAGEMENT

MUD VOLUME bbl

Hole	Pits
658	826
Active Volume	
1484	
Reserve	Total
635	2119

Low Grav, vol %	0.7
ppb	6.73
High Grav, vol %	1.5
ppb	22.05
ASG	3.87
Drill Cuttings	203
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE

KCL/PHPA/POLYMER

MUD CONSUMPTION

ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	402
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	8
LOSSES	bbl
Dumped	70
Lost	270
VOL GAIN/LOSS	70

RHEOLOGY AND HYDRAULICS

600 rpm	60	62	52
300 rpm	42	43	38
200 rpm	34	33	30
100 rpm	25	25	20
6 rpm	8	8	8
3 rpm	6	6	6

Pressure Units:	psig
Press Drop. DP	2253
Press Drop, BIT	524
Press Drop, ANN	79
Actual Circ. Press	1700
AV, DP ft/min	73
AV, DC ft/min	326
AV, Riser ft/min	73

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	9.4
TD	9.5
Max. Diff. Press	0

DEVIATION INFO

MD	1300.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	16.25
CIRC	2.50
TRIPS	1.50
SERV. RIG	0.00
SURVEY	0.50
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	2.50
TESTING	0.75
OTHER	0.00
AVERAGE ROP	26.15

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 11423.40	$A 97847.40

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574094

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 6

Date	Depth
29/09/99	1640.0m [MD]
Spud Date	Present Activity
24/09/99	DRILLING

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / C. Sinton	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m	CASING	CIRCULATION DATA
Size 12.25 in.	Pipe OD 5 ID 4.276 Len. 1383.8	in. m	Pump Make/Model Oilwell A1700PT
Type GeoD S91HPX	Pipe OD 5 ID 3.000 Len. 138.7	21 Riser 101.7	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 80 bbl/min 8.1
Jets sq-in	Collar OD 8.25 ID 2.875 Len. 117.5	13 3/8 Set @ 869.0	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 80 bbl/min 8.1
Tot Noz Area	Size 12.25 Len. 771.0	Set @	Pump Make/Model Oilwell A1700PT
TFA 1.374	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 90 bbl/min 9.2
	Size Len.	Set @	Tot. Vol./min 1069 gpm 25.5 bbl
	Size Len.	Set @	BU Time 28 TC Time 61

MUD PROPERTIES	Primary	2	3				
Source	Flowline	Pits, Circ	Flowline	Program Targets			Essential Program Properties
Time	19:45	19:00	09:10	*=Excep			
FL Temp Deg F	124	124	109	P	2	3	
Depth m	1584.0	1567.0	1444.0				875.1 1749.9
Weight ppg	9.4	9.4	9.3				9.0 10.0
FV @ 104 Deg F sec/qt	50	51	53				
PV @ 120 Deg F cP	19	19	18				
YP lbs/100 ft2	31	30	33				
Gels lbs/100 ft2	7/8	7/8	7/8				
API Filt. ml/30 min	4.6	4.6	4.8				< 8.0
HTHP @ 250 Deg F ml/30 min	15.2	15.6	14.6				< 25.0
Cake API/HTHP 32nd in	1/3	1/3	1/2				
Corr.Solids % by vol	4.4	4.4	4.4				
Oil/Water % by vol	0.0/94.0	0.0/94.0	0.0/94.0				
Sand % by vol	0.75	0.75	0.25				
MBT	4.0	4.0	2.5				
pH STRIP	8.5	8.5	9.0				8.5 9.2
Alk. Mud (Pm)	0.10	0.10	0.20				
Alk. Filtr. (Pf/Mf)	0.05/0.25	0.05/0.20	0.07/0.18				
Chlorides mg/l	28000	28000	28000				
Hard. Ca mg/l	160	150	140				
Low Gravity Solids ppb	23.93	23.93	30.76				< 57.00
LGS Volume % by vol	2.6	2.6	3.4				< 6.0
6 rpm	8	8	9				8.00 12.00
KCl Content ppb	17	17	17.5				14.00 21.00

MUD TREATMENTS

Added reserve volume and chemicals to active system to maintain specified properties. Mixed 835 bbls of KCl/PHPA/Polymer mud.

KCl content: 5 %
Sulphites: > 80 mg/l

RIG ACTIVITY

Continue to drill 12 1/4" hole from 1,300m to 1333m. Circ up sample for geologist. Cont drill to 1433m, circulate up sample for geologist. Cont drill to 1527m at a controlled rate of < 30 m/hr. Circulate bottoms up until hole clean. Drop totco survey - recover survey 1/2 degree. Continue to drill to 1536m, circulate up sample. Drill 12 1/4" hole from 1,536m to 1,640m.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
BARACIDE - 25 KG. CAN	2	1043.78	soda ash - 25 KG. BAG	2	35.68
BARACOR 129 - 25 KG. CAN	5	369.30			
DEXTRID LT - 25 KG. BAG	35	2246.65			
EZ MUD DP - 50 LB. SACK	16	2236.16			
PAC-R - 25 KG. BAG	17	3049.80			
Potassium Chloride - 4000 KG.	2	4293.68			
XCD Polymer - 25 KG. BAG	22	10097.34			
barite - 100 LB. BULK	90.000	1340.10			
potassium hydroxide - 20 KG.	5	267.00			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	52 x 52	24
Shkr #2	Thule	84 x 84	24
Shkr #3	Thule	120x105	24
dSndr		3 x 12"	4
dSlt #1		16 x 4"	17

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
813	749
Active Volume	
1562	
Reserve	Total
1052	2614
Low Grav, vol %	2.6
ppb	23.93
High Grav, vol %	1.8
ppb	26.46
ASG	3.35
Drill Cuttings	162
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE	
KCL/PHPA/POLYMER	
MUD CONSUMPTION	
ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	811
Sea Water	0
Whole Mud	0
Barite	6
Chemicals	18
LOSSES	bbl
Dumped	0
Lost	340
VOL GAIN/LOSS	495

RHEOLOGY AND HYDRAULICS

600 rpm	69	68	69
300 rpm	50	49	51
200 rpm	40	40	40
100 rpm	29	30	31
6 rpm	8	8	9
3 rpm	6	6	7
Pressure Units:			psig
Press Drop. DP			2551
Press Drop, BIT			520
Press Drop, ANN			125
Actual Circ. Press			2450
AV, DP		ft/min	72
AV, DC		ft/min	320
AV, Riser		ft/min	72

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	9.8
TD	9.8
Max. Diff. Press	0

DEVIATION INFO

MD	1640.0	m
TVD	0.0	m
Angle	0.00	
Direction		
Horiz. Displ	0.0	m

TIME

DRLG	21.50
CIRC	2.50
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	0.00
AVERAGE ROP	15.81

BAROID REPRESENTATIVE	OFFICE/HOME		TELEPHONE	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Cheltenham 3192 / Barry Beach	03 9581 7555 / 03 5688 1445	$A 24979.49	$A 122826.89

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574095

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 7

Date	Depth
30/09/99	1672.0m [MD]
Spud Date	Present Activity
24/09/99	RIH

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / R. Nagle	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m				CASING			CIRCULATION DATA				
Size 12.25 in.	Pipe OD	5	ID 4.276	Len. 1131.6	in.		m	Pump Make/Model	Oilwell A1700PT			
Type GeoD S91HPX	Pipe OD	5	ID 3.000	Len. 138.7	21	Riser	101.7	Size 6 X 12	Eff. 97.00	V/st	0.102	
No. Jets	Pipe OD		ID	Len.	30	Set @	147.0	spm 80	bbl/min	8.1		
Jets sq-in	Collar OD	8.25	ID 2.875	Len. 169.7	13 3/8	Set @	869.0	Pump Make/Model	Oilwell A1700PT			
	Collar OD		ID	Len.		Set @		Size 6 X 12	Eff. 97.00	V/st	0.102	
	in. OPEN HOLE m					Set @		spm 80	bbl/min	8.1		
Tot Noz Area	Size	12.25	Len. 803.0			Set @		Pump Make/Model	Oilwell A1700PT			
TFA 1.374	Size		Len.			Set @		Size 6 X 12	Eff. 97.00	V/st	0.102	
	Size		Len.			Set @		spm 90	bbl/min	9.2		
	Size		Len.			Set @		Tot. Vol./min	1069 gpm	25.5	bbl	
	Size		Len.			Set @		BU Time 25	TC Time	58		

MUD PROPERTIES		Primary	2	3	Program Targets *=Excep	Essential Program Properties
Source		Pits, Uncr	Pits, Uncr		P 2 3	875.1 1749.9
Time		22:00	08:00			
FL Temp	Deg F	32	32			
Depth	m	1672.0	1672.0			
Weight	ppg	9.5	9.4			9.0 10.0
FV @ 104 Deg F	sec/qt	60	50			
PV @ 120 Deg F	cP	17	20			
YP	lbs/100 ft2	29	28			
Gels	lbs/100 ft2	7/8	7/8			
API Filt.	ml/30 min	4.4	4.5			< 8.0
HTHP @ 250 Deg F	ml/30 min	14.2	15.0			< 25.0
Cake API/HTHP	32nd in	1/3	1/3			
Corr.Solids % by vol		5.0	4.4			
Oil/Water % by vol		0.0/93.5	0.0/94.0			
Sand % by vol		0.7	0.75			
MBT		4.0	4.0			
pH STRIP		9.0	9.0			8.5 9.2
Alk. Mud (Pm)		0.10	0.15			
Alk. Filtr. (Pf/Mf)		0.05/0.20	0.05/0.20			
Chlorides mg/l		27000	28000			
Hard. Ca mg/l		140	160			
Low Gravity Solids ppb		26.66	23.93			< 57.00
LGS Volume	% by vol	2.9	2.6			< 6.0
6 rpm		8	8			8.00 12.00
KCl Content	ppb	17	17.5			14.00 21.00

MUD TREATMENTS

Added chemical and reserve volume to maintain specified properties.
Mixed 395 bbls of KCl/PHPA/Polymer mud.
Dumped and cleaned both sand traps while out of hole.

KCl content: 5 %
Sulphites: > 80 mg/l

RIG ACTIVITY

Continue to drill to 1672m. Flow check & POOH to shoe @ 869m, backreaming tight spots @ 1564m to 1493m, 1375m to 1355m - coals; and from 1298m to 900m. Circulate bottoms up - shakers clean. Flow check, pump slug & POOH. Change bit, extra drill collars & RIH, reaming tight spots as required.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
BARACIDE - 25 KG. CAN	1	521.89			
BARACOR 129 - 25 KG. CAN	1	73.86			
DEXTRID LT - 25 KG. BAG	15	962.85			
EZ MUD DP - 50 LB. SACK	8	1118.08			
PAC-R - 25 KG. BAG	7	1255.80			
Potassium Chloride - 4000 KG.	1	2146.84			
XCD Polymer - 25 KG. BAG	5	2294.85			
potassium hydroxide - 20 KG.	1	53.40			
soda ash - 25 KG. BAG	1	17.84			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	165x 52	10
Shkr #2	Thule	180x 52	10
Shkr #3	Thule	180x165	10
dSndr		3 x 12"	
dSlt #1		16 x 4"	10
Shkr #4	Brandt	30 x 30	8
Shkr #5	Brandt	10 x 30	8
Shkr #6	Brandt	30	8

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
824	764
Active Volume	
1588	
Reserve	Total
1035	2623
Low Grav, vol %	2.9
ppb	26.66
High Grav, vol %	2.0
ppb	29.40
ASG	3.35
Drill Cuttings	15
Dilution Rate	5.97
Slds Control Eff	0.00

MUD TYPE	
KCL/PHPA/POLYMER	
MUD CONSUMPTION	
ADDITIONS	bbl
Oil	0
Brine Water	0
Drill Water	387
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	8
LOSSES	bbl
Dumped	190
Lost	196
VOL GAIN/LOSS	9

RHEOLOGY AND HYDRAULICS		
600 rpm	63	68
300 rpm	46	48
200 rpm	38	39
100 rpm	28	29
6 rpm	8	8
3 rpm	6	6
Pressure Units:		psig
Press Drop. DP		2601
Press Drop, BIT		526
Press Drop, ANN		116
Actual Circ. Press		2200
AV, DP	ft/min	72
AV, DC	ft/min	320
AV, Riser	ft/min	72

FRACTURE GRADIENT	
Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	9.9
TD	9.9
Max. Diff. Press	0

DEVIATION INFO	
MD	1672.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME	
DRLG	7.75
CIRC	0.50
TRIPS	9.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	2.00
REAMING	0.00
TESTING	0.00
OTHER	4.75
AVERAGE ROP	4.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 8445.41	$A 131272.30

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574096

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 8

Date	Depth
01/10/99	2053.0m [MD]
Spud Date	Present Activity
24/09/99	DRILLING

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco-Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / R. Nagle	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	DRILLING STRING m	CASING	CIRCULATION DATA
Size 12.25 in.	Pipe OD 5 ID 4.276 Len. 1744.6	in. m	Pump Make/Model Oilwell A1700PT
Type GeoD S91HPX	Pipe OD 5 ID 3.000 Len. 138.7	21 -- Riser 101.7	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 100 bbl/min 10.2
Jets sq-in	Collar OD 8.25 ID 2.875 Len. 169.7	13 3/8 Set @ 869.0	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 100 bbl/min 10.2
Tot Noz Area	Size 12.25 Len. 1184.0	Set @	Pump Make/Model Oilwell A1700PT
TFA 1.374	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 0 bbl/min 0.0
	Size Len.	Set @	Tot. Vol./min 855 gpm 20.4 bbl
	Size Len.	Set @	BU Time 43 TC Time 89

MUD PROPERTIES	Primary 2	3				
Source	Flowline Pits, Circ	Flowline	Program Targets			Essential Program Properties
Time	19:45 19:00	09:15	*=Excep			
FL Temp Deg F	126 126	120	P	T	S	
Depth m	1986.0 1978.0	1788.0				
Weight ppg	9.4 9.4	9.5				
FV @ 113 Deg F sec/qt	49 52	51				
PV @ 120 Deg F cP	19 18	17				
YP lbs/100 ft2	30 27	29				
Gels lbs/100 ft2	7/8 7/8	7/8				
API Filt. ml/30 min	4.5 4.4	4.0				
HTHP @ 250 Deg F ml/30 min	15.2 14.8	14.0				
Cake API/HTHP 32nd in	1/3 1/3	1/2				
Corr.Solids % by vol	4.9 4.9	5.4				
Oil/Water % by vol	0.0/93.5 0.0/93.5	0.0/93.0				
Sand % by vol	1.6 0.9	2.0				
MBT	2.5 2.5	2.5				
pH STRIP	9.0 9.0	9.0				
Alk. Mud (Pm)	0.10 0.15	0.15				
Alk. Filtr. (Pf/Mf)	0.05/0.25 0.07/0.20	0.05/0.20				
Chlorides mg/l	29000 29000	28000				
Hard. Ca mg/l	180 180	160				
Low Gravity Solids ppb	32.58 32.58	35.40				
LGS Volume % by vol	3.6 3.6	3.9				
6 rpm	8 8	8				
KCl Content ppb	18 18	15.75				

MUD TREATMENTS

Mixed 1270 bbls of KCl/PHPA/Polymer mud. Transferred reserve premix to active system to maintain volume - large losses at shakers due to fine mesh screens used. No coarser screens available.

KCl content: 5.2 %
Sulphites: > 80 mg/l

RIG ACTIVITY

Precautionary wash and ream to bottom. Work tight spot at 1640m, & tag bottom - no fill. Feather in new PDC bit. Continue to drill 12 1/4" hole from 1672m to 2053m.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
BARACIDE - 25 KG. CAN	3	1565.67	soda ash - 25 KG. BAG	2	35.68
BARACOR 129 - 25 KG. CAN	7	517.02			
DEXTRID LT - 25 KG. BAG	45	2888.55			
EZ MUD DP - 50 LB. SACK	24	3354.24			
PAC-L - 25 KG. BAG	7	1255.80			
PAC-R - 25 KG. BAG	14	2511.60			
Potassium Chloride - 4000 KG.	3	6440.52			
XCD Polymer - 25 KG. BAG	27	12392.19			
potassium hydroxide - 20 KG.	5	267.00			

SOLIDS EQUIPMENT

Device	Make	Si/Scrn	HR
Shkr #1	Thule	180x 52	24
Shkr #2	Thule	180x 52	24
Shkr #3	Thule	180x180	24
dSndr		3 x 12"	
dSlt #1		16 x 4"	24
Shkr #4	Brandt	30 x 80	24
Shkr #5	Brandt	10 x 80	24
Shkr #6	Brandt	30	24

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
993	815
Active Volume	
1808	
Reserve	Total
937	2745
Low Grav, vol %	3.6
ppb	32.58
High Grav, vol %	1.3
ppb	19.11
ASG	3.11
Drill Cuttings	182
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE: KCL/PHPA/POLYMER

MUD CONSUMPTION	bbl
ADDITIONS	
Oil	0
Brine Water	0
Drill Water	1245
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	25
LOSSES	bbl
Dumped	0
Lost	1148
VOL GAIN/LOSS	122

RHEOLOGY AND HYDRAULICS

600 rpm	68	63	63
300 rpm	49	45	46
200 rpm	40	37	37
100 rpm	29	28	27
6 rpm	8	8	8
3 rpm	6	6	6

Pressure Units:	psig
Press Drop, DP	2122
Press Drop, BIT	333
Press Drop, ANN	153
Actual Circ. Press	1800
AV, DP ft/min	57
AV, DC ft/min	256
AV, Riser ft/min	57

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	9.8
TD	9.8
Max. Diff. Press	0

DEVIATION INFO

MD	2053.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	22.25
CIRC	0.00
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	1.75
TESTING	0.00
OTHER	0.00
AVERAGE ROP	17.12

BAROID REPRESENTATIVE	OFFICE/HOME		TELEPHONE		DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 31228.27	$A 162500.57

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574097

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 9

Date	Depth
02/10/99	2100.0m [MD]
Spud Date	Present Activity
24/09/99	LOGGING

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / R. Nagle	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m	CASING	CIRCULATION DATA
Size in.	Pipe OD ID Len.	in. m	Pump Make/Model Oilwell A1700PT
Type	Pipe OD ID Len.	21 Riser 101.7	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 0 bbl/min 0.0
Jets sq-in	Collar OD ID Len.	13 3/8 Set @ 869.0	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 0 bbl/min 0.0
Tot Noz Area	Size 12.25 Len. 1231.0	Set @	Pump Make/Model Oilwell A1700PT
TFA 0.000	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 0 bbl/min 0.0
	Size Len.	Set @	Tot. Vol./min 0 gpm 0.0 bbl
	Size Len.	Set @	BU Time 0 TC Time 0

MUD PROPERTIES		Primary	2	3	Program Targets *=Excep P 2 3	Essential Program Properties
Source		Pits, Uncr	Pits, Uncr			
Time		20:00	06:15			
FL Temp	Deg F	32	32			
Depth	m	2100.0	2100.0			
Weight	ppg	9.4	9.4			
FV @ 113 Deg F	sec/qt	61	50			
PV @ 120 Deg F	cP	17	16			
YP	lbs/100 ft2	28	29			
Gels	lbs/100 ft2	7/8	7/8			
API Filt.	ml/30 min	4.4	4.2			
HTHP @ 250 Deg F	ml/30 min	14.4	14.8			
Cake API/HTHP	32nd in	1/3	1/2			
Corr.Solids % by vol		5.4	5.4			
Oil/Water % by vol		0.0/93.0	0.0/93.0			
Sand % by vol		0.9	1.0			
MBT		2.5	2.5			
pH STRIP		9.0	9.0			
Alk. Mud (Pm)		0.15	0.20			
Alk. Filtr. (Pf/Mf)		0.08/0.25	0.10/0.25			
Chlorides mg/l		29000	29000			
Hard. Ca mg/l		160	180			
Low Gravity Solids	ppb	41.77	41.77			
LGS Volume	% by vol	4.6	4.6			
6 rpm		8	8			
KCl Content	ppb	18	17.5			

MUD TREATMENTS

Maintained active volume with reserve additions.

KCl content: 5 %

RIG ACTIVITY

Continue to drill from 2053m to 2100m. Circulate bottoms up - shakers clean. Flow check & POOH to 1670m, no drag observed - hole in good condition. RIH & tag bottom - no fill. Circ bottoms up. Drop totco survey, pump slug & POOH to 1341m, backreaming through tight spot @ 1341m. Cont POOH to casing shoe & retrieve survey, 1 degree. Cont POOH & rack BHA. Rig up Schlumberger wireline & run wireline logs.

MATERIALS USED

Product	Used	Cost	Product	Used	Cost
barite - 100 LB. BULK	40.000	595.60			
potassium hydroxide - 20 KG.	4	213.60			

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	180x 52	6
Shkr #2	Thule	180x 52	6
Shkr #3	Thule	180x180	6
dSndr		3 x 12"	
dSlt #1		16 x 4"	6
Shkr #4	Brandt	30 x 80	6
Shkr #5	Brandt	10 x 80	6
Shkr #6	Brandt	30	6

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
1092	644
Active Volume	
1736	
Reserve	Total
719	2455
Low Grav, vol %	4.6
ppb	41.77
High Grav, vol %	0.8
ppb	11.76
ASG	2.91
Drill Cuttings	22
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE: KCL/PHPA/POLYMER

MUD CONSUMPTION	bbl
ADDITIONS	
Oil	0
Brine Water	0
Drill Water	0
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	0
LOSSES	bbl
Dumped	25
Lost	265
VOL GAIN/LOSS	-290

RHEOLOGY AND HYDRAULICS

600 rpm	62	61
300 rpm	45	45
200 rpm	36	37
100 rpm	28	27
6 rpm	8	8
3 rpm	6	6
Pressure Units:		psig
Press Drop. DP		0
Press Drop, BIT		0
Press Drop, ANN		0
Actual Circ. Press		0
AV, DP	ft/min	0
AV, DC	ft/min	0
AV, Riser	ft/min	

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO

MD	2100.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	2.25
CIRC	2.00
TRIPS	6.50
SERV. RIG	0.00
SURVEY	0.75
FISHING	0.00
LOGGING	8.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.25
REAMING	0.00
TESTING	0.00
OTHER	4.25
AVERAGE ROP	20.89

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby / Hayden Butler	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 809.20	$A 163309.77

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574098

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 10

Date	Depth
03/10/99	2100.0m [MD]
Spud Date	Present Activity
24/09/99	P & A

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	**REPORT FOR**	**REGION**
Wally Westman / L. Kronstal	L. Macracken / R. Nagle	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	DRILLING STRING	CASING	CIRCULATION DATA
Size in.	Pipe OD ID Len.	in. m	Pump Make/Model Oilwell A1700PT
Type	Pipe OD ID Len.	21 Riser 101.7	Size 6 X 12 Eff. 97.00 V/st 0.102
No. Jets	Pipe OD ID Len.	30 Set @ 147.0	spm 0 bbl/min 0.0
Jets sq-in	Collar OD ID Len.	13 3/8 Set @ 869.0	Pump Make/Model Oilwell A1700PT
	Collar OD ID Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	in. OPEN HOLE m	Set @	spm 0 bbl/min 0.0
Tot Noz Area	Size 12.25 Len. 1231.0	Set @	Pump Make/Model Oilwell A1700PT
TFA 0.000	Size Len.	Set @	Size 6 X 12 Eff. 97.00 V/st 0.102
	Size Len.	Set @	spm 0 bbl/min 0.0
	Size Len.	Set @	Tot. Vol./min 0 gpm 0.0 bbl
	Size Len.	Set @	BU Time 0 TC Time 0

MUD PROPERTIES	Primary	2	3	Program Targets *=Excep P 2 3	Essential Program Properties
Source	Pits, Uncr				
Time	07:32				
FL Temp Deg F	32				
Depth m	2100.0				
Weight ppg	9.4				
FV @ 60 Deg F sec/qt	61				
PV @ 120 Deg F cP	17				
YP lbs/100 ft2	28				
Gels lbs/100 ft2	7/8				
API Filt. ml/30 min	4.4				
HTHP @ 250 Deg F ml/30 min	14.4				
Cake API/HTHP 32nd in	1/2				
Corr.Solids % by vol	5.4				
Oil/Water % by vol	0.0/93.0				
Sand % by vol	0.9				
MBT	2.5				
pH STRIP	9.0				
Alk. Mud (Pm)	0.15				
Alk. Filtr. (Pf/Mf)	0.08/0.25				
Chlorides mg/l	29000				
Hard. Ca mg/l	160				
Low Gravity Solids ppb	41.77				
LGS Volume % by vol	4.6				
6 rpm	8				
KCl Content ppb	18				

MUD TREATMENTS

Barite and XCD Polymer used for P & A.

RIG ACTIVITY

Continue wireline logging. P & A as per program.

MATERIALS USED

NO INVENTORY USED ON THIS REPORT

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	180x 52	19
Shkr #2	Thule	180x 52	19
Shkr #3	Thule	180x180	19
dSndr		3 x 12"	
dSlt #1		16 x 4"	
Shkr #4	Brandt	30 x 80	
Shkr #5	Brandt	10 x 80	
Shkr #6	Brandt	30	

MUD MANAGEMENT

MUD VOLUME bbl	
Hole	Pits
1092	600
Active Volume	
1692	
Reserve	Total
700	2392
Low Grav, vol %	4.6
ppb	41.77
High Grav, vol %	0.8
ppb	11.76
ASG	2.91
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE
KCL/PHPA/POLYMER

MUD CONSUMPTION	bbl
ADDITIONS	
Oil	0
Brine Water	0
Drill Water	0
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	0
LOSSES	bbl
Dumped	63
Lost	0
VOL GAIN/LOSS	-63

RHEOLOGY AND HYDRAULICS	
600 rpm	62
300 rpm	45
200 rpm	36
100 rpm	28
6 rpm	8
3 rpm	6
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT	
Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO	
MD	2100.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME	
DRLG	0.00
CIRC	0.00
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	5.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	19.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1145	$A 0.00	$A 163309.77

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

574099

Baroid Australia Pty Ltd
DRILLING MUD REPORT

REPORT NUMBER: 11

Date	Depth
04/10/99	2100.0m [MD]
Spud Date	Present Activity
24/09/99	P & A

OPERATOR	CONTRACTOR	RIG NUMBER
GLOBEX Far East	Sedco Forex	702
REPORT FOR	REPORT FOR	REGION
Wally Westman / L. Kronstal	L. Macracken / R. Nagle	Tasmania

WELL NAME AND NUMBER	FIELD OR BLOCK	GEOGRAPHIC AREA	COUNTRY
Barramundi-1	T-27-P	Bass Strait	Austral

BIT DATA	in. DRILLING STRING m			CASING			CIRCULATION DATA				
Size in.	Pipe OD	ID	Len.	in.		m	Pump Make/Model	Oilwell A1700PT			
Type	Pipe OD	ID	Len.	21	Riser	101.7	Size 6 X 12	Eff. 97.00	V/st	0.102	
No. Jets	Pipe OD	ID	Len.	30	Set @	147.0	spm 0	bbl/min 0.0			
Jets sq-in	Collar OD	ID	Len.	13 3/8	Set @	869.0	Pump Make/Model	Oilwell A1700PT			
	Collar OD	ID	Len.		Set @		Size 6 X 12	Eff. 97.00	V/st	0.102	
	in. OPEN HOLE m				Set @		spm 0	bbl/min 0.0			
Tot Noz Area	Size 12.25	Len. 1231.0			Set @		Pump Make/Model	Oilwell A1700PT			
TFA 0.000	Size	Len.			Set @		Size 6 X 12	Eff. 97.00	V/st	0.102	
	Size	Len.			Set @		spm 0	bbl/min 0.0			
	Size	Len.			Set @		Tot. Vol./min 0	gpm 0.0	bbl		
	Size	Len.			Set @		BU Time 0	TC Time 0			

MUD PROPERTIES	Primary	2	3	Program Targets *=Excep	Essential Program Properties
Source	Pits, Uncr			P 2 3	
Time	12:07				
FL Temp Deg F	0				
Depth m	2100.0				
Weight ppg	9.4				
FV @ 60 Deg F sec/qt	28				
PV @ 120 Deg F cP	1				
YP lbs/100 ft2	0				
Gels lbs/100 ft2	0/0				
API Filt. ml/30 min	0.0				
HTHP @ 250 Deg F ml/30 min	0.0				
Cake API/HTHP 32nd in	2/0				
Corr.Solids % by vol	0.0				
Oil/Water % by vol	0.0/0.0				
Sand % by vol					
MBT	0.0				
pH STRIP	0.0				
Alk. Mud (Pm)	0.00				
Alk. Filtr. (Pf/Mf)	0.00/0.00				
Chlorides mg/l	0				
Hard. Ca mg/l	0				
Low Gravity Solids ppb	0.00				
LGS Volume % by vol	0.0				
6 rpm	0				
KCl Content ppb					

MUD TREATMENTS

RIG ACTIVITY

MATERIALS USED

NO INVENTORY USED ON THIS REPORT

SOLIDS EQUIPMENT

Device	Make	Sz/Scrn	HR
Shkr #1	Thule	180x 52	19
Shkr #2	Thule	180x 52	19
Shkr #3	Thule	180x180	19
dSndr		3 x 12"	
dSlt #1		16 x 4"	
Shkr #4	Brandt	30 x 80	
Shkr #5	Brandt	10 x 80	
Shkr #6	Brandt	30	

MUD MANAGEMENT

MUD VOLUME bbl

Hole	Pits
1092	600
Active Volume	
1692	
Reserve	Total
700	2392

Low Grav, vol %	0.0
ppb	0.00
High Grav, vol %	0.0
ppb	0.00
ASG	2.60
Drill Cuttings	0
Dilution Rate	0.00
Slds Control Eff	0.00

MUD TYPE: KCL/PHPA/POLYMER

MUD CONSUMPTION

ADDITIONS bbl	
Oil	0
Brine Water	0
Drill Water	0
Sea Water	0
Whole Mud	0
Barite	0
Chemicals	0
LOSSES bbl	
Dumped	0
Lost	0
VOL GAIN/LOSS	0

RHEOLOGY AND HYDRAULICS

600 rpm	
300 rpm	
200 rpm	
100 rpm	
6 rpm	
3 rpm	
Pressure Units:	psig
Press Drop. DP	0
Press Drop, BIT	0
Press Drop, ANN	0
Actual Circ. Press	0
AV, DP ft/min	0
AV, DC ft/min	0
AV, Riser ft/min	

FRACTURE GRADIENT

Water Depth	76.5
Calc. F. Grad	0.0
Leak Off Test	14.3
ECD ppg	
Csg. Shoe	0.0
TD	0.0
Max. Diff. Press	0

DEVIATION INFO

MD	2100.0 m
TVD	0.0 m
Angle	0.00
Direction	
Horiz. Displ	0.0 m

TIME

DRLG	0.00
CIRC	0.00
TRIPS	0.00
SERV. RIG	0.00
SURVEY	0.00
FISHING	0.00
LOGGING	0.00
RUN CSG	0.00
CORE	0.00
BACK REAM	0.00
REAMING	0.00
TESTING	0.00
OTHER	0.00
AVERAGE ROP	0.00

BAROID REPRESENTATIVE	OFFICE/HOME	Cheltenham 3192	TELEPHONE	03 9581 7555	DAILY COST	CUMULATIVE COST
Emad Elzahaby	WAREHOUSE	Barry Beach	TELEPHONE	03 5688 1445	$A 0.00	$A 163309.77

NOTE: ALL COSTS ARE REPORTED IN AUSTRALIA'S DOLLAR

BARRAMUNDI-1 BASIC WELL DATA

VOLUME 11

CONTENTS

BARRAMUNDI 1

Lithology/Show Descriptions

Geologists: Tony Kress/Greg Clotta

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
		Returns to Mudline from 102.5 to 875.0m	
875.0 - 878.0	100	CEMENT, contamination.	CO sample prior to PIT
	Trace	LIMESTONE, dark greenish grey to greenish black, olive grey, calcilutite to calcisiltite, very argillaceous – grades to calcareous claystone (marl), slightly to moderately calcareous, soft to firm, sub-blocky to sub-fissile, common to abundant indeterminate fine fossil fragments, trace to rare glauconite (grains and pellets), trace pyrite framboids, trace micromica, nil visible porosity, no fluorescence.	
		Conduct Leak Off Test at 878m. 1.72 SG EMW.	
878.0 – 880.0	100	LIMESTONE, olive grey, medium to brown grey, calcisiltite grades to calcarenite in part, very argillaceous, trace nodular pyrite, trace pelletal glauconite, trace to locally common fossil/shelly fragments, trace carbonaceous specks, trace free medium to coarse quartz float, soft, plastic, massive.	
880.0 – 890.0	100	LIMESTONE, predominantly as above, locally very argillaceous grades to calcareous claystone.	
890.0 – 900.0	10	SANDSTONE, Clear to translucent, medium to coarse, subangular, poor sorting, clean, trace pyrite cement, common nodular pyrite, trace pelletal glauconite, trace Fe stained quartz, trace dark mafic mineral clasts, disaggregated, very good porosity, no fluorescence.	
	90	CLAYSTONE, medium grey to dark green grey, locally very calcareous grades to calcilutite, micromicaceous, common disseminated pyrite, trace lithic fragments, common discoidal forams, trace bivalves, common fossil fragments, trace glauconite, soft to plastic, massive.	
900.0 – 910.0	20	SANDSTONE, As above.	
	80	CLAYSTONE, As above.	
910.0 – 920.0	10	SANDSTONE, Predominantly as above becomes coarse, locally trace dolomite cement, disaggregated, hard aggregates in part, nil to good porosity, no fluorescence.	
	90	CLAYSTONE, As above.	
920.0 – 930.0	Trace	SANDSTONE, As above.	
	100	CLAYSTONE, Light grey to medium grey, brown grey in part, moderately calcareous, trace discoidal forams, trace medium quartz float, common fossil fragments, trace nodular pyrite, soft to plastic, massive.	
930.0 – 940.0	20	SANDSTONE, Clear to translucent, medium to coarse, angular to subangular, poor sorting, locally strong dolomitic cement, trace pyritic cement, common nodular pyrite, trace pelletal glauconite, trace Fe stained quartz, common very coarse quartz float, disaggregated, trace hard aggregates, nil to good porosity, no fluorescence.	
	80	CLAYSTONE: As above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
940.0 – 950.0	Trace	SANDSTONE, predominantly as above, becomes fine to medium grained.	
	60	CLAYSTONE, medium grey to brown grey, slightly calcareous, slightly silty, trace carbonaceous specks, common shelly debris, trace disseminated pyrite, soft to plastic, massive.	
	40	LIMESTONE, very light grey, blue white in part, calcarenite, trace fine quartz grains, trace fine grained dolarenite inclusions/laminae, trace pelletal glauconite, trace nod pyrite, firm, hard aggregates in part, blocky, tight, dull pale yellow mineral fluorescence only.	
950.0 – 960.0	70	CLAYSTONE, As above.	
	30	LIMESTONE, predominantly as above, common fine grained orange brown dolarenite inclusions/laminae, dull pale yellow mineral fluorescence only.	
960.0 – 970.0	60	CLAYSTONE, medium brown to brown grey, slightly to moderately calcareous, micromicaceous, silty, trace glauconite, trace lithic fragments, common shelly debris, occasionally conical gastropods, firm to moderately hard, massive to blocky.	
	40	LIMESTONE, white to light grey, pale yellow brown in part, calcarenite, fine calcareous spar cement, locally calcareous cryptocrystalline laminae, trace nodular pyrite, trace pelletal glauconite, occasionally orange brown dolarenite inclusions, firm to hard aggregates, tight, dull pale yellow mineral fluorescence only.	
970.0 – 980.0	70	CLAYSTONE, as above.	
	30	LIMESTONE, as above.	
980.0 – 990.0	70	CLAYSTONE, as above.	
	30	LIMESTONE, as above.	
990.0 – 1000.0	80	CLAYSTONE, brown grey to olive grey, moderately calcareous, silty, trace pelletal glauconite, trace shelly/fossil fragments, trace disseminated/nodular pyrite, soft to firm, massive to blocky.	
	20	LIMESTONE, white to light grey, calcarenite, micritic cement, trace free coarse quartz float, common orange brown dolarenite inclusions, trace cryptocrystalline calcareous laminae, hard, flinty in part, blocky, tight, dull pale yellow mineral fluorescence only.	
1000.0 – 1010.0	90	CLAYSTONE, predominantly as above, becomes silty in part.	
	10	LIMESTONE, as above.	
1010.0 – 1020.0	90	CLAYSTONE, as above.	
	10	LIMESTONE, as above.	
1020.0 – 1030.0	100	CLAYSTONE, medium dark grey to brown grey, very silty grades to argillaceous siltstone, common very fine free quartz grains, slightly silty, trace coarse nodular pyrite, trace carbonaceous specks, soft to slightly dispersive, massive to amorphous.	
	Trace	LIMESTONE, light grey to or brown in part, calcarenite, very argillaceous, micritic, trace pelletal glauconite, minor fine quartz grains, trace nodular pyrite, firm to moderately hard, blocky.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1030.0 – 1040.0	20	SANDSTONE, clear to translucent, frosted, very fine to fine, subangular to rounded, good sorting, clean, trace nodular pyrite, rare dark mafic mineral fragments, disaggregated, good porosity, no fluorescence.	
	80	CLAYSTONE, dark grey to brown grey, locally very silty, slightly calcareous, trace carbonaceous specks, micromicaceous, trace fossil fragments, trace forams, soft, slightly dispersive, massive to amorphous.	
1040.0 – 1050.0	20	SANDSTONE, as above.	
	80	CLAYSTONE, as above.	
	Trace	LIMESTONE, dark brown, dolarenite, sparry, occasionally cryptocrystalline laminae, trace fossil fragments, hard, blocky to flinty, tight.	
1050.0 – 1060.0	10	SANDSTONE, as above.	
	90	CLAYSTONE, as above.	
1060.0 – 1070.0	100	CLAYSTONE, dark grey, brown grey, slightly calcareous, silty in part, locally very fine quartz grains, trace glauconite, trace shelly/fossil fragments (occasionally pyritized), trace nodular pyrite, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	
1070.0 – 1080.0	100	CLAYSTONE, as above.	
1080.0 – 1085.0	10	SANDSTONE, Clear to translucent, white, very fine to fine, angular to subangular, good sorting, clean, common nodular pyrite, trace pelletal glauconite, occasionally dark brown cryptocrystalline dolomitic inclusions, disaggregated, good porosity, no fluorescence.	Addiscot Ss
	90	CLAYSTONE, dark grey to brown grey, very silty grades to argillaceous siltstone, slightly to non calcareous, trace lithic fragments, trace shelly/fossil fragments, soft to slightly dispersive, massive to amorphous.	
1085.0 – 1090.0	Trace	SANDSTONE, as above.	
	100	CLAYSTONE, as above.	
1090.0 – 1095.0	100	CLAYSTONE, brown grey to grey black, non calcareous, very silty in part, trace nodular pyrite, micromicaceous, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	DEMONS BLUFF Fm
1095.0 – 1100.0	100	CLAYSTONE, as above.	
1100.0 – 1105.0	90	CLAYSTONE, as above.	
	10	LIMESTONE, light brown, light grey brown, calcisiltite, dolomicritic cement, trace very fine quartz grains, occasionally orange brown cryptocrystalline dolomitic inclusions/laminae, moderately hard to hard, flinty in part, blocky.	
1105.0 – 1110.0	90	CLAYSTONE, as above.	
	10	LIMESTONE, as above.	
1110.0 – 1115.0	80	CLAYSTONE, as above.	
	20	LIMESTONE, as above.	
1115.0 – 1120.0	80	CLAYSTONE, as above.	
	20	LIMESTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1120.0 – 1125.0	90	CLAYSTONE, dusky yellow brown, brown black, very silty grades to argillaceous siltstone in part, locally very fine quartz sand float, trace shelly fragments, trace nodular pyrite, trace lithic fragments, slightly micromicaceous, trace glauconite, soft to slightly dispersive, massive to amorphous.	
	10	LIMESTONE, light brown, pale yellow orange, calcisiltite, micritic, slightly dolomitic, slightly arenaceous, trace lithic fragments, occasionally carbonaceous specks, moderately hard to hard, flinty, blocky, tight.	
1125.0 – 1130.0	90	CLAYSTONE, as above.	
	10	LIMESTONE, as above.	
1130.0 – 1135.0	100	CLAYSTONE, brown grey, dusky yellow brown, moderately silty, trace nodular pyrite, trace lithic fragments, slightly micromicaceous, trace carbonaceous specks, common yellow brown tuffaceous(?) inclusions.	
1135.0 – 1140.0	100	CLAYSTONE, as above.	
1140.0 – 1145.0	100	CLAYSTONE, as above.	
1145.0 – 1150.0	100	CLAYSTONE, as above.	
1150.0 – 1155.0	80	SANDSTONE, clear to translucent, frosted, medium, subangular to subrounded, good sorting, predominantly clean, trace dark brown dolocalcareous cement, trace nodular pyrite, rare glauconite, trace coarse milky quartz float, trace carbonaceous specks, disaggregated, good porosity, no fluorescence.	
	20	CLAYSTONE, as above.	
1155.0 – 1160.0	80	SANDSTONE, as above.	
	20	CLAYSTONE, as above.	
1160.0 – 1165.0	40	SANDSTONE, clear to translucent, frosted, medium to coarse, subangular to subrounded, poor to moderate sorting, predominantly clean, locally trace kaolinitic matrix/inclusions, trace glauconite, trace nodular pyrite, common coarse to very coarse subrounded quartz float, disaggregated, good to very good porosity, no fluorescence.	
	50	CLAYSTONE, brown grey to brown black, moderately silty, micromicaceous, trace carbonaceous fragments, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	
	10	LIMESTONE, dark brown, orange brown, dolarenite, trace glauconite, locally trace nodular pyrite, hard, flinty, blocky.	
1165.0 – 1170.0	20	SANDSTONE, as above.	
	70	CLAYSTONE, predominantly as above, becoming brownish black in part.	
	10	LIMESTONE, as above.	
1170.0 – 1175.0	Trace	SANDSTONE, predominantly as above, becomes medium.	
	100	CLAYSTONE, as above.	
1175.0 – 1180.0	100	CLAYSTONE, as above.	
1180.0 – 1185.0	100	CLAYSTONE, dark to dusky yellowish brown, very soft, dispersive, sticky, slightly calcareous, trace to rare pyrite, trace micromicaceous, trace fossil material (with dull yellow brown mineral fluorescence).	
	Trace	SANDSTONE, loose quartz grains, fine to coarse, poorly sorted, as above, no fluorescence.	
	Trace	LIMESTONE, white, pale grey, as above.	
1185.0 – 1190.0	100	CLAYSTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1190.0 – 1195.0	100	CLAYSTONE, as above, occasionally becoming slightly firmer and sub-fissile, some pyritized fossil material, occasional large fossils (benthic forams). 5% greenish grey to dark greenish grey, firm, sub-blocky, trace pyrite, trace pelletal glauconite, slightly to moderately calcareous, rare to minor scattered fossil debris.	
	Trace	SANDSTONE, as above, medium to coarse and very coarse grained, trace glauconite, trace chert grains, some quartz overgrowths, trace pyrite aggregates (and cement in part), locally cemented aggregates (moderately hard) with no visible porosity, otherwise loose grains with moderate inferred porosity, no fluorescence.	
	Trace	DOLOMITE, pale to dark yellowish brown, recrystallised, microcrystalline to cryptocrystalline, hard, fine sandy in part, slightly calcareous, tight, no visible porosity, no fluorescence.	
1195.0 – 1200.0	100	CLAYSTONE, as above.	
1200.0 – 1205.0	100	CLAYSTONE, as above, becoming predominantly darker in colour (brownish black), dispersive.	
1205.0 – 1210.0	100	CLAYSTONE, as above.	
1210.0 – 1215.0	100	CLAYSTONE, dark to dusky yellowish brown, greyish brown, very soft, dispersive, sticky, smooth, slightly silty in part, non to occasionally slightly calcareous, rarely becoming slightly firm to firm, trace shell fragments.	
	Trace	SANDSTONE, loose quartz grains, as above.	
1215.0 – 1220.0	100	CLAYSTONE, as above.	
1220.0 – 1225.0	100	CLAYSTONE, as above, rare greenish grey variety 9locally with abundant pyrite).	
	Trace	DOLOMITE, as above.	
1225.0 – 1230.0	100	CLAYSTONE, as above.	
	Trace	DOLOMITE, as above.	
1230.0 – 1235.0	100	CLAYSTONE, grey brown to dusky brown, dusky yellowish brown, predominantly very soft to soft and dispersive, occasionally firm and blocky to sub-fissile, non calcareous, smooth, non silty, trace micromicaceous, trace fine black carbonaceous specks, trace pyrite, trace indeterminate very fine fossil debris.	
	Trace	SANDSTONE, as above, medium to coarse grained, no fluorescence.	
1235.0 – 1240.0	100	CLAYSTONE, as above.	
	Trace	SANDSTONE, as above.	
1240.0 – 1245.0	100	CLAYSTONE, as above.	
1245.0 – 1250.0	100	CLAYSTONE, as above.	
1250.0 – 1255.0	100	CLAYSTONE, as above, soft, dispersive, hygroturgid, trace pyrite, trace mica.	
1255.0 – 1260.0	100	CLAYSTONE, as above.	
1260.0 – 1265.0	100	CLAYSTONE, as above, very soft, dispersive, with minor scattered very fine quartz grains.	
1265.0 – 1270.0	100	CLAYSTONE, as above, but with a slightly higher proportion of soft to firm, blocky to sub-fissile variety, trace fossil fragments, trace mica flakes.	
1270.0 – 1275.0	100	CLAYSTONE, as above, very soft, dispersive, trace carbonaceous material, micromicaceous.	
1275.0 – 1280.0	100	CLAYSTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1280.0 – 1285.0	90	CLAYSTONE, dusky brown, dusky yellowish brown, very soft, dispersive, hygroclastic to hygroturgid, silty, smooth, trace mica, trace carbonaceous specks, trace pyrite ('veinlets' and occasional large aggregates), occasional fine quartz grains, rarely becoming soft to firm, blocky to sub-fissile. 2% greenish grey to dark greenish grey, soft to firm, trace glauconite, possibly tuffaceous in part, otherwise as above.	
	10	DOLOMITIC SILTSTONE, brownish grey, pale to moderate yellowish brown, very argillaceous, grades to silty dolomitic claystone, very soft to soft, sub-blocky, slightly calcareous, weathered/altered, mottled/interspersed with claystone in part.	
1285.0 – 1290.0	90	CLAYSTONE, as above.	
	10	DOLOMITIC SILTSTONE, as above.	
1290.0 – 1295.0	95	CLAYSTONE, as above, hygroturgid, minor greenish grey variety.	
	5	DOLOMITIC SILTSTONE, as above, trace fossils, trace glauconite.	
1295.0 – 1300.0	100	CLAYSTONE, as above, with rare pale greenish grey to greenish grey variety, trace glauconite.	
	Trace	SANDSTONE, loose quartz grains, coarse to very coarse, occasional medium grains, rare granules, poorly sorted, transparent, sub-rounded to rounded, sub-elongate to sub-spherical, trace quartz overgrowths, rare pyrite aggregates, moderate inferred porosity, no show.	
1300.0 – 1305.0	100	CLAYSTONE, as above.	
	Trace	DOLOMITIC SILTSTONE, as above.	
	Trace	SANDSTONE, as above.	
1305.0 – 1310.0	100	CLAYSTONE, as above.	
	Trace	DOLOMITIC SILTSTONE, as above.	
	Trace	SANDSTONE, as above.	
1310.0 – 1315.0	90	CLAYSTONE, as above, rarely greenish grey.	
	5	CARBONACEOUS SILTSTONE, brownish black, soft to firm, sub-fissile to fissile, non to occasionally very slightly calcareous, very carbonaceous to coaly, locally pyritic (inclusions and 'veinlets').	
	5	SANDSTONE, loose quartz, medium to very coarse grained, poorly sorted, sub-angular to rounded, elongate to sub-spherical, locally with pyrite cement, as above, moderate inferred porosity, no show.	
	Trace	DOLOMITIC SILTSTONE, as above.	
1315.0 – 1320.0	90	CLAYSTONE, as above.	
	5	CARBONACEOUS SILTSTONE, as above.	
	5	SANDSTONE, as above.	
	Trace	DOLOMITIC SILTSTONE, as above.	
1320.0 – 1325.0	95	CLAYSTONE, predominantly dusky brown, with approximately 10% brownish grey, rare greenish grey, very soft, dispersive, hygroturgid, rare pyrite aggregates, otherwise as above.	Top Eastern View Group at 1324m
	5	DOLOMITIC SILTSTONE, as above.	
	Trace	CARBONACEOUS SILTSTONE, as above.	
	Trace	SANDSTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1325.0 – 1330.0	95	CLAYSTONE, predominantly brownish grey, rarely dusky brown, very soft, dispersive, hygroturgid, non calcareous, silty, trace carbonaceous specks and fragments, trace fossil fragments in part, trace pyrite aggregates.	
	5	CARBONACEOUS SILTSTONE, as above, grades to dull coal in part.	
	Trace	SANDSTONE, loose quartz grains, medium to coarse, as above, no show. Minor cemented sandstone, pale yellowish brown, very fine to fine grained, poorly to moderately sorted, moderately calcareous (cement), firm, friable, argillaceous matrix in part, minor glauconite grains, tight, no visible porosity, no show.	
1330.0 – 1333.0		**Bottoms Up Sample**	CBU (2m Drill break)
	95	CLAYSTONE, as above.	
	5	DOLOMITIC SILTSTONE, as above, grades to silty claystone.	
	Trace	CARBONACEOUS SILTSTONE, as above.	
1333.0 – 1335.0	95	CLAYSTONE, as above, rare to minor large fossil fragments (some pyritized, dull yellowish brown mineral fluorescence in part), trace mica. Rare greenish grey, soft to firm, possibly tuffaceous in part, sub-blocky, common fossil fragments.	
	5	DOLOMITIC SILTSTONE, as above.	
	Trace	CARBONACEOUS SILTSTONE, as above.	
	Trace	SANDSTONE, loose quartz grains, medium to coarse and occasional very coarse grains, rare granules, poorly sorted, sub-angular to rounded, sub-elongate to spherical, trace glauconite, otherwise as above, no show.	
1335.0 – 1340.0	60	CLAYSTONE, brownish grey, rare dusky brown, very soft, dispersive, hygroturgid, non calcareous, trace carbonaceous fragments, trace mica, occasional scattered medium quartz grains, locally pyritic, mottled/interspersed with dolomitic siltstone.	
	40	DOLOMITIC SILTSTONE, pale to medium yellowish brown, very soft, dispersive, hygroturgid, moderately calcareous (dolomitic), very argillaceous, grades to silty dolomitic claystone. Occasionally becomes soft to firm, argillaceous cryptocrystalline dolomite, sub-blocky, trace fossil material in part, rare to minor (locally common) pelletal glauconite, tight, no visible porosity, no show (trace mineral fluorescence in part).	
	Trace	CARBONACEOUS SILTSTONE, as above, locally pyritic.	
1340.0 – 1345.0	80	CLAYSTONE, as above.	
	10	SANDSTONE, unconsolidated quartz grains, fine to medium, occasional coarse to very coarse grains, poorly sorted, angular to sub-rounded, elongate to sub-spherical, transparent quartz grains, trace mica (large flakes), moderate inferred porosity, no show.	
	10	COAL, black, brownish black, dull, sub-bituminous, firm, friable, occasionally moderately hard and blocky, occasionally fissile, lignitic, trace pyrite in part, grades to carbonaceous siltstone/shale.	
	Trace	DOLOMITIC SILTSTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1345.0 – 1350.0	80	CLAYSTONE, as above.	
	10	SANDSTONE, as above.	
	10	COAL, as above.	
	Trace	DOLOMITIC SILTSTONE, as above.	
1350.0 – 1355.0	85	CLAYSTONE, greyish brown, occasionally dark greyish brown, very soft, dispersive, hygroclastic, trace to rare fine carbonaceous matter, trace mica, silty, non calcareous, minor scattered medium to coarse quartz grains through matrix.	
	10	DOLOMITIC SILTSTONE, as above.	
	5	SANDSTONE, as above, no show.	
1355.0 – 1360.0	85	CLAYSTONE, as above.	
	10	DOLOMITIC SILTSTONE, as above.	
	5	SANDSTONE, as above.	
1360.0 – 1365.0	80	CLAYSTONE, as above, trace large fossil fragments.	
	20	SANDSTONE, unconsolidated quartz grains, coarse to very coarse, occasional medium grains, poorly to moderately sorted, transparent and translucent quartz grains, very elongate to sub-spherical, angular to sub-rounded, occasional quartz overgrowths, moderate inferred porosity, no show.	
	Trace	COAL, as above.	
	Trace	DOLOMITE, cryptocrystalline, very hard, grades from dolomitic siltstone above.	
1365.0 – 1370.0	70	CLAYSTONE, as above, trace pyrite aggregates.	
	30	SANDSTONE, as above, medium to predominantly very coarse grained, occasional granule quartz, rare quartz overgrowths, trace cherty grains, trace shell fragments, some frosted quartz grains, moderate inferred porosity, no show. Rare cemented sandstone, very hard, siderite and dolomitic cements, no visible porosity.	
1370.0 – 1375.0	40	CLAYSTONE, as above, trace mica.	
	40	SANDSTONE, as above, predominantly very coarse to granular, some medium to coarse grains, cherty grains more common, trace pyrite, trace mica flakes, no show.	
	20	COAL, black, brownish black, dull, grades to carbonaceous siltstone/shale, moderately hard to hard, blocky to sub-fissile, locally pyritic, as above, trace pin point bright yellow fluorescence (from amber or resin?), instant diffuse pale yellow white cut, thin diffuse residual ring. Occasionally very thinly interlaminated with dark brown carbonaceous shale.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1375.0 - 1380.0	90	SANDSTONE, pale brownish grey, light grey in part, unconsolidated quartz grains, medium to granular quartz, very poorly to poorly sorted, predominantly coarse to very coarse grained, translucent and frosted grains, occasional quartz overgrowths, rare chert grains, sub-angular to well rounded, sub-elongate to sub-spherical, trace glauconite, trace large shell fragments, trace pyrite (cement in part), trace siderite cement in part (dark yellowish brown), possibly with silty matrix in part, moderate to good inferred porosity, trace spotty very dull yellow fluorescence, no cut or crush cut (possibly mineral fluorescence).	
	10	DOLOMITIC SILTSTONE, moderate to dark yellowish brown, very soft, dispersive, very slightly to slightly calcareous (dolomitic), very argillaceous, trace carbonaceous material, trace mica, occasionally thinly laminated.	
	Trace	COAL, as above.	
1380.0 – 1385.0	95	SANDSTONE, as above, coarse to granular, poorly to moderately sorted, trace spotty mineral fluorescence (as above).	
	5	DOLOMITIC SILTSTONE, as above.	
1385.0 – 1390.0	30	SANDSTONE, clear to translucent, frosted, fine to predominantly medium to very coarse, angular to subrounded, poor sorting, trace pyrite cement, predominantly clean, trace very coarse fractured milky quartz, trace glauconite, disaggregated, good porosity, no fluorescence.	
	70	CLAYSTONE, dark yellow brown, brown grey, slightly to very silty, micromicaceous, trace lithic fragments, soft, hygroturgid, massive to amorphous.	
1390.0 – 1395.0	20	SANDSTONE, as above.	
	80	CLAYSTONE, as above.	
1395.0 – 1400.0	10	SANDSTONE, as above.	
	90	CLAYSTONE, as above.	
1400.0 – 1405.0	20	SANDSTONE, clear to translucent, frosted, occasionally white, coarse to very coarse, angular to subangular, moderate sorting, clean, trace nodular pyrite, disaggregated, good porosity, no fluorescence.	
	80	CLAYSTONE, as above.	
1405.0 – 1410.0	80	CLAYSTONE, medium dark grey, dusky yellow brown, very silty, micromicaceous, trace lithic fragments, occasionally light grey very fine arenaceous inclusions/laminae, trace carbonaceous fragments, hygroturgid, soft to dispersive, massive to amorphous.	
	20	SILTSTONE, brown grey, brown black, very argillaceous, very carbonaceous, trace disseminated pyrite, soft to firm, massive.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1410.0 – 1415.0	30	SANDSTONE, clear to translucent, white to light grey in part, fine to medium, subangular to subrounded, moderate sorting, locally orange brown cryptocrystalline dolomitic cement, trace nodular pyrite, trace coarse milky quartz float, disaggregated, occasionally hard aggregates, nil to predominantly good porosity, no fluorescence.	
	50	CLAYSTONE, predominantly as above, trace coaly fragments.	
	20	SILTSTONE, as above.	
1415.0 – 1420.0	10	SANDSTONE, as above.	
	70	CLAYSTONE, very light grey, pale yellow brown, moderately silty, micromicaceous, trace carbonaceous specks, trace lithic fragments, hygroturgid, soft to slightly dispersive, massive to amorphous.	
	20	SILTSTONE, as above.	
1420.0 – 1425.0	50	SANDSTONE, clear to translucent, frosted, medium to coarse, angular to subangular, poor to moderate sorting, weak siliceous cement in part, predominantly clean, common very coarse fractured milky quartz, disaggregated, very good porosity, no fluorescence.	
	40	CLAYSTONE, as above.	
	10	SILTSTONE, as above.	
1425.0 – 1430.0	90	SANDSTONE, predominantly as above, becomes coarse to very coarse, trace dark brown dolomitic cement in part.	
	10	SILTSTONE, brown grey, brown black, very argillaceous, very carbonaceous, trace disseminated pyrite, soft to firm, massive.	
1430.0 – 1435.0	100	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor to moderate sorting, rare kaolinitic matrix/inclusions, trace pyritic cement, predominantly clean, trace coarse smoky quartz, disaggregated, excellent porosity, no fluorescence.	
1435.0 – 1440.0	70	SANDSTONE, predominantly as above, locally silty/kaolinitic matrix, disaggregated friable in part, good porosity, no fluorescence.	
	30	SILTSTONE, brown grey, very argillaceous, micromicaceous, trace biotite, trace carbonaceous flecks/laminae, trace lithic fragments, soft to firm, massive.	
1440.0 – 1445.0	70	SANDSTONE, clear to translucent, white in part, fine to very coarse, angular to subrounded, poor sorting, locally common kaolinitic/silty matrix, trace muscovite, common very coarse fractured milky/smoky quartz, trace Fe stained quartz, disaggregated, very good porosity, no fluorescence.	
	20	SILTSTONE, as above.	
	10	COAL, black to brown black, subbituminous, very silty/argillaceous, dull lustre, brittle, blocky to ubfissile.	
1445.0 – 1450.0	100	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subrounded, poor sorting, trace pyrite cement, predominantly clean, trace nodular pyrite, trace carbonaceous fragments, common very coarse to granular milky quartz grains, disaggregated, very good porosity, no fluorescence.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1450.0 – 1455.0	100	SANDSTONE, as above.	
1455.0 – 1460.0	100	SANDSTONE, predominantly as above, becomes very coarse to granular.	
1460.0 – 1465.0	90	SANDSTONE, predominantly as above, very coarse to granular, trace kaolinitic inclusions.	
	10	SILTSTONE, light brown to very light grey, brown grey in part, very argillaceous, micromicaceous, trace carbonaceous specks/microlaminae, locally becomes very arenaceous grades to silty sandstone, soft, dispersive, massive to amorphous.	
1465.0 – 1470.0	70	SANDSTONE, predominantly as above, trace nodular pyrite.	
	10	SILTSTONE, as above.	
	20	COAL, black to brown black, slightly argillaceous, subbituminous, dull lustre, brittle, blocky to subfissil.	
1470.0 – 1475.0	70	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor to moderate sorting, trace kaolinitic matrix, trace nodular pyrite, disaggregated, good porosity, no fluorescence.	
	20	SILTSTONE, as above.	
	10	COAL, as above.	
1475.0 – 1480.0	90	SANDSTONE, as above.	
	10	SILTSTONE, as above.	
1480.0 – 1485.0	100	SANDSTONE, clear to translucent, frosted, coarse to very coarse, angular to subangular, poor to moderate sorting, clean, trace limonitic stained quartz, trace carbonaceous/coaly fragments, disaggregated, very good porosity, no fluorescence.	
1485.0 – 1490.0	100	SANDSTONE, clear to translucent, light brown, medium to very coarse, angular to subangular, poor to moderate sorting, trace dolomitic cement in part, common light brown argillaceous matrix, common very coarse fractured milky quartz, trace coaly fragments, trace nodular pyrite, disaggregated, good porosity, no fluorescence.	
1490.0 – 1495.0	90	SANDSTONE, predominantly as above, trace nodular pyrite and pyritized fossil fragments.	
	10	SILTSTONE, brown grey to dusky yellow brown, very argillaceous, micromicaceous, trace carbonaceous fragments/microlaminae, slightly arenaceous, trace biotite, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	
1495.0 – 1500.0	100	SANDSTONE, clear to translucent, frosted, coarse to very coarse, angular to subangular, moderate sorting, clean, trace coaly fragments, trace smoky/milky quartz, disaggregated, good sorting, no fluorescence.	
1500.0 – 1505.0	60	SANDSTONE, as above.	
	20	SILTSTONE, brown grey to dusky yellow brown, very argillaceous, micromicaceous, trace carbonaceous fragments/microlaminae, very arenaceous, trace biotite, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	
	20	COAL, black to brown black, slightly argillaceous, subbituminous, dull lustre, brittle, blocky to subfissile.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1505.0 – 1510.0	80	SANDSTONE, as above.	
	10	SILTSTONE, as above.	
	10	COAL, as above.	
1510.0 – 1515.0	40	SANDSTONE, clear to translucent, frosted, coarse to very coarse, angular to subangular, moderate sorting, clean, trace coaly fragments, trace smoky/milky quartz, disaggregated, good sorting, no fluorescence.	
	60	SILTSTONE, very light grey, light brown, very argillaceous, micromicaceous, trace disseminated pyrite, common muscovite/biotite, trace lithic fragments, slightly arenaceous, trace carbonaceous/coaly fragments, soft to dispersive, massive to amorphous.	
1515.0 – 1520.0	90	SANDSTONE, clear to translucent, light brown in part, fine to coarse, angular to subrounded, poor sorting, trace kaolinitic/silty matrix, trace feldspar, common milky quartz float, common Fe stained quartz, disaggregated, fair to good porosity, no fluorescence.	
	10	SILTSTONE, as above.	
1520.0 – 1525.0	70	SANDSTONE, as above.	
	20	SILTSTONE, as above.	
	10	COAL, black to brown black, slightly argillaceous, subbituminous, dull lustre, brittle, blocky to subfissile.	
1525.0 – 1526.0	50	SILTSTONE, pale yellowish brown, very soft, argillaceous, non calcareous, coarse quartz silt in part – grades to very fine quartz sandstone, trace scattered carbonaceous flecks, occasionally thin to medium interlaminated with brownish grey carbonaceous siltstone in part.	CBU prior to Totco survey
	30	SANDSTONE, light grey, unconsolidated quartz grains, medium to very coarse grained, very poorly to poorly sorted, sub-angular to rounded, sub-elongate to spherical, translucent, frosted and transparent grains, some quartz overgrowths and sutured grain contacts, moderate to good inferred porosity, no show.	
	20	COAL, black, brownish black, sub bituminous, firm, blocky, occasionally very firm, poorly cleated, locally grades to carbonaceous siltstone, occasionally interlaminated with siltstone in part.	
1526.0 – 1530.0	70	SANDSTONE, clear to translucent, frosted, fine to predominantly medium to coarse, angular to subangular, poor sorting, clean, trace nodular pyrite, trace pyrite inclusions in quartz overgrowths, common very coarse fractured quartz, disaggregated, trace chert (translucent grey), trace reddish orange Fe stained quartz grains, good porosity, no fluorescence.	
	25	SILTSTONE, very light grey, light brown, very argillaceous, micromicaceous, trace disseminated pyrite, common muscovite/biotite, trace lithic fragments, slightly arenaceous, trace carbonaceous/coaly fragments, soft to dispersive, massive to amorphous.	
	5	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1530.0 – 1535.0	50	SANDSTONE, as above, unconsolidated grains, medium to very coarse and granule grained, very poorly sorted, locally abundant pyrite (rare overall) as very fine crystalline aggregates and cement in part, trace Fe stained quartz, trace sericite mica (in booklets), moderate to good inferred porosity, no show.	CBU
	50	SILTSTONE, sub equal amounts of very light grey (pale yellowish brown) and moderate to dark yellowish brown, argillaceous to very argillaceous, micromicaceous, trace disseminated pyrite, common muscovite/biotite, trace lithic fragments, sometimes slightly arenaceous, rare to common carbonaceous matter, occasional coaly fragments & very thin laminae/lenses, non to occasionally very slightly calcareous, very soft, becoming more dispersive, massive to amorphous, hygroturgid to occasionally hygrofissile.	
	Trace	COAL, as above, trace amber (with spotty bright yellow fluorescence, instant blooming bright yellowish white cut).	
1535.0 – 1540.0	60	SANDSTONE, light grey, predominantly unconsolidated quartz grains, minor (5-10%) cemented aggregates, medium to coarse and very coarse grained, occasional granules, elongate to sub-spherical, sub-angular to rounded, very poorly to poorly sorted, translucent and transparent grains, minor quartz overgrowths, rare pyrite aggregates, moderate inferred porosity, no show. Cemented aggregates are very light grey, white, very fine to fine grained, silty in part, moderately sorted, angular to sub-angular, sub-elongate, firm to moderately hard, well cemented, trace feldspar, rare carbonaceous fragments, trace pyrite, non calcareous, nil to very poor visible porosity, no show.	
	30	SILTSTONE, as above.	
	10	COAL, as above, trace pyrite, grades to carbonaceous siltstone/shale, trace spotty bright fluorescence in translucent orange amber inclusions.	
1540.0 – 1545.0	100	SILTSTONE, pale to moderate yellowish brown, as above, argillaceous to very argillaceous, grades to silty claystone.	
	Trace	COAL, as above.	
	Trace	SANDSTONE, as above, loose quartz, no show.	
1545.0 – 1550.0	90	SILTSTONE, predominantly moderate to dark yellowish brown, with approximately 40% pale yellowish brown, argillaceous to very argillaceous, grades to silty claystone in part, very soft, dispersive, non calcareous, locally with trace mica. Darker variety is more carbonaceous (common flecks and occasional thin coaly streaks). Thin to medium laminated in part (alternating light and dark laminae).	
	10	SANDSTONE, unconsolidated quartz grains, medium to coarse grained, poorly sorted, sub-angular to sub-rounded, sub-elongate, occasional very coarse quartz grains, rare very fine crystalline pyrite cement in part (weak cement, friable), trace pyrite aggregates, trace reddish orange Fe stained grains, moderate to good inferred porosity, no show.	
	Trace	COAL, as above, with rare orange amber (bright yellow fluorescence, as above).	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1550.0 – 1555.0	100	SILTSTONE, predominantly moderate yellowish brown, 10-20% pale yellowish brown mottling, as above, very soft, dispersive, hygroturgid to hygroclastic, rare carbonaceous material.	
	Trace	SANDSTONE, as above.	
1555.0 – 1560.0	80	SILTSTONE, sub equal light and dark colours, as above, trace carbonaceous, locally pyritic (trace overall abundance) – very fine crystalline aggregates.	
	20	SANDSTONE, unconsolidated, medium to very coarse and granule grained, as above, no show.	
	Trace	COAL, as above.	
1560.0 – 1565.0		**Bottoms Up Sample**	CBU
	70	SANDSTONE, unconsolidated quartz grains, light grey, predominantly coarse to granule grained, occasional medium grains, very poorly to poorly sorted, minor quartz overgrowths, predominantly translucent grains, sub-elongate to sub-spherical, sub-angular to sub-rounded, trace mica flakes (large), trace chert grains, moderate to good inferred porosity, no show.	
	30	SILTSTONE, moderate yellowish brown, occasionally pale yellowish brown, very soft, as above.	
1565.0 – 1570.0	100	SANDSTONE, unconsolidated quartz, light grey, pale yellowish brown, coarse to very coarse grained, poorly to moderately sorted, translucent/frosted grains, sub-angular to sub-rounded, very elongate to sub-spherical, minor quartz overgrowths, trace pyrite and weathered feldspar grains as inclusions in overgrowths, trace chert grains (translucent grey), trace coaly fragments, good inferred porosity, no show.	
1570.0 – 1575.0	70	SANDSTONE, as above, no show.	
	30	SILTSTONE, pale yellowish brown, rare moderate yellowish brown, argillaceous, very soft, as above.	
1575.0 – 1580.0	90	SILTSTONE, as above.	
	10	SANDSTONE, as above, no show.	
1580.0 – 1585.0	60	SANDSTONE, as above, trace chert and lithic fragments, trace pyrite aggregates, good inferred porosity, no show. Trace siderite cemented aggregates, very fine to fine grained quartz, siderite is translucent honey brown in colour, very poor visible porosity.	
	40	SILTSTONE, as above.	
	Trace	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1585.0 – 1590.0	60	SANDSTONE, light grey, unconsolidated, medium to coarse and very coarse grained, very poorly sorted, elongate to sub-spherical, sub-angular to sub-rounded, occasionally rounded quartz, translucent/frosted grains, common overgrowths, trace lithic grains (possibly volcanic rock fragments), trace coaly fragments, trace very fine pyrite (occasional aggregates), moderate to good inferred porosity. Rare cemented aggregates, translucent honey brown siderite cement, very fine to fine grained, firm, friable, non calcareous, very poor visible porosity, no show.	
	40	SILTSTONE, white, pale yellowish brown, moderate yellowish brown, brownish grey, very soft, dispersive, argillaceous to very argillaceous, amorphous in part, often thin to medium laminated, common coaly inclusions/lenses, non calcareous. Coal has trace amber with fluorescence, as above.	
1590.0 – 1595.0	70	SILTSTONE, as above, lighter colours predominate, white to very light grey, less carbonaceous.	
	30	SANDSTONE, as above, predominantly medium to coarse grained, very poorly to poorly sorted.	
1595.0 – 1600.0	90	SILTSTONE, pale to dark yellowish brown, very light grey to white, argillaceous to very argillaceous, very soft, dispersive, grades to silty claystone in part, non calcareous, amorphous, hygroturgid, trace very fine carbonaceous specks, trace very fine pyrite, darker variety is more carbonaceous and locally micromicaceous.	
	10	SANDSTONE, as above, no show.	
	Trace	COAL, as above, occasionally interlaminated with siltstone.	
1600.0 – 1605.0	95	SILTSTONE, as above.	
	5	SANDSTONE, as above, no show.	
1605.0 – 1610.0	100	SILTSTONE, as above.	
	Trace	SANDSTONE, as above.	
	Trace	COAL, as above.	
1610.0 – 1615.0	90	SILTSTONE, as above, predominantly pale yellowish brown, very light grey, white, amorphous.	
	10	SANDSTONE, as above, predominantly medium to coarse grained, occasional very coarse grains, no show.	
1615.0 – 1620.0	95	SILTSTONE, pale to moderate yellowish brown, becoming predominantly darker in colour, as above.	
	5	SANDSTONE, as above.	
1620.0 – 1625.0	95	SILTSTONE, as above.	
	5	COAL, black, brownish black, sub bituminous, dull, firm, blocky to sub blocky, poorly cleated, grades to carbonaceous siltstone/shale.	
	Trace	SANDSTONE, as above, no show.	
1625.0 – 1630.0	100	SILTSTONE, moderate to dark yellowish brown, minor pale yellowish brown, white, argillaceous to very argillaceous, dispersive, hygroclastic to hygroturgid, largely amorphous, possibly medium laminated in part (light and dark layers), rare to minor very fine carbonaceous specks, occasional very thin streaks, trace to rare mica flakes, occasionally very fine to fine arenaceous in part (light coloured variety).	
	Trace	SANDSTONE, as above, no show.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1630.0 – 1635.0	90	SILTSTONE, moderate to dark yellowish brown, rare pale yellowish brown to white (arenaceous), as above, trace pyrite aggregates.	
	10	SANDSTONE, unconsolidated grains, as above, no show. Rare siderite cemented aggregates.	
	Trace	COAL, as above.	
1635.0 – 1640.0	60	SILTSTONE, pale to moderate yellowish brown, as above, locally with mica-rich 'partings'.	
	30	SANDSTONE, light grey, unconsolidated, fine to very coarse grained, predominantly medium to coarse grained, very poorly sorted, sub-angular to sub-rounded, occasionally rounded, sub-elongate to sub-spherical, transparent quartz, minor quartz overgrowths, trace pyrite inclusions in quartz, trace large pyrite aggregates (massive granular), trace glauconite, moderate inferred porosity, no show. Rare cemented aggregates, very fine to fine grained, soft to firm, friable, non calcareous, very poor to nil visible porosity, no show.	
	10	COAL, black, brownish black, as above, grades to carbonaceous siltstone.	
1640.0 – 1645.0	70	SANDSTONE, light grey, unconsolidated grains, medium to coarse grained, occasional very coarse grains, poorly sorted, sub-angular to rounded, occasionally well rounded, elongate to sub-spherical, minor overgrowths, trace to rare reddish orange Fe stained grains, trace pyrite aggregates, trace glauconite, trace fossil material, trace mica flakes, good inferred porosity, no show. Rare cemented aggregates, as above, very firm, friable in part, non calcareous, siderite cement in part, nil to very poor visible porosity.	
	30	SILTSTONE, white, pale yellowish brown, rare moderate yellowish brown, very argillaceous, very soft, dispersive, trace carbonaceous specks, locally micaceous, becoming very fine arenaceous in part, as above.	
	Trace	CLAYSTONE [cavings?], greenish grey to dark greenish grey, soft to firm, slightly to moderately calcareous, trace to rare pyrite, abundant fossil material (shell fragments).	
1645.0 – 1650.0	75	SANDSTONE, as above, fine to medium and coarse grained, occasional very coarse grains, very poorly sorted, rare to minor mica, no show.	
	20	COAL, black, brownish black, dull, sub bituminous, firm to moderately hard, friable to blocky in part, locally pyritic, grades to carbonaceous siltstone in part.	
	5	SILTSTONE, predominantly moderate to dark yellowish brown, rare to minor scattered carbonaceous matter, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1650.0 – 1655.0	90	SANDSTONE, pale yellowish brown, light grey, unconsolidated quartz grains, medium to coarse grained, poorly to moderately sorted, elongate to sub-spherical, sub-angular to rounded, transparent quartz, trace pyrite, trace lithic grains, trace shell fragments, trace mica, good inferred porosity. **FLUORESCENCE**, trace to 1%, dim, pin point, very pale yellow fluorescence, no cut, very weak, diffuse, pale yellow crush cut, very faint, diffuse pale yellow white residual ring. No visible oil staining.	
	10	COAL, as above.	
1655.0 – 1660.0	100	SANDSTONE, pale yellowish brown, light grey, unconsolidated quartz grains, as above, but medium to very coarse grained, minor quartz overgrowths, trace to rare mica flakes, trace to rare pyrite (cement in part – massive granular), trace chert grains, trace feldspar, rare to minor cemented aggregates (siliceous cement), non calcareous, hard when cemented, nil to very poor visible porosity, moderate to good inferred porosity. **FLUORESCENCE**, trace to 1% pin point to spotty, dim, very pale yellow fluorescence, no cut, extremely weak diffuse, pale yellow crush cut, no visible residual ring.	
1660.0 – 1663.0		**Spot Sample**	Gas Peak from Coal
	40	SANDSTONE, unconsolidated, fine to very coarse grained, very poorly sorted, as above, trace to rare pyrite aggregates, trace fossils, moderate inferred porosity. **FLUORESCENCE**, trace fluorescence, as above, instant crush cut, dim, dull pale yellow residual fluorescent film.	
	30	SILTSTONE, white pale yellowish brown, arenaceous, minor (10%) moderate to dark yellowish brown, argillaceous, very soft, carbonaceous (common specks and streaks), locally abundant very finely divided pyrite (trace overall).	
	30	COAL, black, brownish black, as above.	
1663.0 – 1665.0	90	SANDSTONE, pale yellowish brown, unconsolidated, medium to coarse grained, poorly to moderately sorted, as above, trace to rare pyrite (cement in part), trace feldspar grains, trace mica, moderate inferred porosity. Rare cemented aggregates, hard (occasionally friable), siliceous cement, nil to very poor visible porosity. **FLUORESCENCE**, trace to 1% pin point to spotty, dim, very pale yellow fluorescence, no cut, instant 'blooming' moderately bright yellow crush cut, thick moderately bright yellow residual fluorescent film.	
	10	COAL, as above, grades to carbonaceous siltstone/shale.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1665.0 – 1670.0	40	COAL, black, brownish black, dull coal, firm, blocky to occasionally fissile, friable, earthy, lignitic, grades to carbonaceous shale, occasionally interlaminated with siltstone in part.	Top EVCM at 1667m.
	30	SILTSTONE, as above, but predominantly dark yellowish brown and carbonaceous, minor pale yellowish brown and arenaceous.	
	30	SANDSTONE, as above, rare to minor pyrite (cement in part), becoming more cemented and harder (generally siliceous cement). **FLUORESCENCE**, 2% spotty, dim to occasionally moderately bright pale yellow fluorescence, very weak crush cut, as above, very faint, thin, dim pale yellow residual ring.	
1670.0 – 1672.0		**Bottoms Up Sample**	Bit trip at 1672m
	40	SANDSTONE, as above, medium to very coarse and granule grained, trace fossils, with common pyrite cement and trace siliceous cement, poor to moderate inferred porosity. **FLUORESCENCE**, trace to 2% pin point to spotty, moderately bright yellow fluorescence, crush cut as above.	
	40	SILTSTONE, moderate to dark yellowish brown, brownish grey, argillaceous, very soft, dispersive, hygroturgid to hygrofissile, rare to minor disseminate fine carbonaceous material. Occasional pale yellowish brown to white arenaceous siltstone, as above.	
	20	CLAYSTONE [cavings?], greenish grey to dark greenish grey, soft to firm, fossiliferous, as above.	
	Trace	COAL, as above, grades to brownish black carbonaceous siltstone/shale.	
1672.0 – 1675.0	50	CLAYSTONE [cavings?], dark greenish grey, greenish grey, soft to firm, sub-blocky, moderately calcareous, locally common pyrite (replaces fossil tests), minor to common scattered fine fossil debris (includes forams and gastropods), trace pelletal glauconite, trace very fine carbonaceous specks.	
	30	SILTSTONE, moderate to dark yellowish brown, very soft, argillaceous, as above.	
	20	SANDSTONE, unconsolidated, light grey, medium to very coarse, poorly sorted, elongate to sub-spherical, sub-angular to sub-rounded, transparent quartz, occasional frosted grains, trace to rare pyrite (cement in part), trace fossils (commonly pyritized), trace? apatite grains (pale yellowish green translucent), moderate to good inferred porosity. **FLUORESCENCE**, trace pin point dull yellow fluorescence, very weak diffuse crush cut, no visible residual ring.	
1678.0		**Spot Sample**	Gas Peak
	80	COAL, black, brownish black, dull, earthy in part, sub-bituminous, generally firm and friable, sub-blocky to blocky (poor cleating), some sub-fissile, minor bright vitrinite with sub conchoidal fracture, grades to carbonaceous shale in part.	
	20	SILTSTONE, moderate to dark yellowish brown, argillaceous, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1675.0 – 1680.0	70	SILTSTONE, moderate to dark yellowish brown, rare pale yellowish brown to white, argillaceous to very argillaceous, very soft, dispersive, hygroturgid, amorphous, trace very fine carbonaceous specks.	
	30	COAL, as above.	
1680.0 – 1685.0	70	SILTSTONE, predominantly moderate to dark yellowish brown, minor pale yellowish brown to white, as above.	
	30	SANDSTONE, light grey, unconsolidated, medium to coarse grained, rare very coarse grains, poorly to moderately sorted, sub-angular to sub-rounded, elongate to sub-spherical, translucent quartz, occasional frosted grains, common pyrite aggregates (cement in part), trace fossil material, moderate inferred porosity, no show.	
	Trace	COAL, as above.	
1687.0		**Spot Sample**	Gas Peak
	90	SILTSTONE, as above.	
	10	COAL, as above.	
1685.0 – 1690.0	50	SANDSTONE, unconsolidated, light grey to medium light grey, medium to coarse grained, trace very coarse grains, poorly to moderately sorted, elongate to sub-spherical, sub-angular to sub-rounded, rare well rounded quartz, predominantly transparent grains, occasional frosted quartz, minor quartz overgrowths, rare pyrite aggregates, trace pyrite cement in part, trace sericite mica, good inferred porosity. **FLUORESCENCE**, trace pin point dim pale yellow fluorescence, no direct cut, very weak very pale yellow crush cut, thin to medium very pale yellow residual ring.	
	40	SILTSTONE, as above.	
	10	COAL, as above.	
1690.0 – 1695.0	50	COAL, as above, trace pin point bright yellowish white fluorescence from amber inclusions.	
	30	SILTSTONE, as above, occasional very thin coaly laminations in part.	
	20	SANDSTONE, as above, no show.	
1695.0 – 1700.0	60	SILTSTONE, predominantly pale yellowish brown to white, arenaceous in part, minor moderate to dark yellowish brown, argillaceous to very argillaceous, very soft, dispersive, amorphous, hygroturgid, as above.	
	20	SANDSTONE, as above, trace pyrite. **FLUORESCENCE**, trace fluorescence, as above.	
	20	COAL, as above, trace bright yellowish white fluorescence from amber.	
1700.0 – 1705.0	90	SILTSTONE, sub equal amounts of pale yellowish brown to white and moderate to dark yellowish brown, as above, becoming hygrofissile in part.	
	5	COAL, as above.	
	5	SANDSTONE, as above, no show.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
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GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1705.0 – 1710.0	90	SANDSTONE, clear to translucent, frosted, coarse to very coarse, angular to subangular, poor to moderate sorting, trace dolocalcareous cement in hard aggregates, trace kaolinitic matrix, common coarse milky quartz float, trace nod pyrite, predominantly disaggregated, very good porosity, no fluorescence.	
	10	COAL, black, subbituminous, slightly argillaceous, dull lustre, brittle to hard, blocky.	
1710.0 – 1715.0	30	SANDSTONE, predominantly as above, locally common kaolinitic matrix.	
	70	SILTSTONE, dusky yellow brown, brown grey, very argillaceous, common carbonaceous/coaly laminae, slightly micromicaceous, trace lithic fragments, slightly dispersive, soft, massive to amorphous.	
	Trace	COAL, as above.	
1715.0 – 1720.0	50	SANDSTONE, clear to translucent, frosted, light grey, fine to predominantly medium to very coarse, angular to subangular, poor sorting, locally weak calcareous cement, common kaolinitic matrix, common very coarse fractured milky quartz, disaggregated, occasionally hard fine grained cemented aggregates, very good to nil porosity, no fluorescence.	
	40	SILTSTONE, as above.	
	10	COAL, as above.	
1720.0 – 1725.0	40	SANDSTONE, as above.	
	60	SILTSTONE, predominantly as above, locally common carbonaceous/coaly microlaminae and fragments.	
1725.0 – 1730.0	30	SANDSTONE, clear to translucent, frosted, medium to coarse, subangular to subrounded, poor to moderate sorting, trace dark brown dolomitic cement, common kaolinitic/silty matrix, trace nodular pyrite, trace coarse fractured milky quartz float, disaggregated, locally hard cemented aggregates, poor to fair porosity, no fluorescence.	
	70	SILTSTONE, as above.	
1730.0 – 1735.0	80	SANDSTONE, clear to translucent, frosted, coarse to very coarse, angular to subangular, poor sorting, trace dark brown cryptocrystalline dolomitic cement, predominantly clean, trace very coarse to granular fractured poly crystalline quartz, trace nod pyrite, disaggregated, very good porosity, trace dull orange mineral fluorescence only.	
	20	SILTSTONE, as above.	
	Trace	COAL, black, subbituminous, slightly argillaceous, dull lustre, brittle to hard, blocky.	
1735.0 – 1740.0	80	SANDSTONE, predominantly as above, becomes medium to coarse, common kaolinitic matrix, fair to good porosity, no fluorescence.	
	10	SILTSTONE, as above.	
	10	COAL, as above.	
1740.0 – 1745.0	100	SANDSTONE, clear to translucent, frosted, coarse, angular to subangular, moderate to good sorting, trace dolomitic cement, trace kaolinitic matrix, trace smoky quartz, common coaly fragments, disaggregated, occasionally hard dolomite cemented aggregates, predominantly very good porosity, trace dull orange mineral fluorescence only.	

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14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1745.0 – 1750.0	90	SANDSTONE, as above.	
	10	COAL, black, subbituminous, slightly argillaceous, dull lustre, brittle to hard, blocky.	
1750.0 – 1755.0	60	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse, angular to subangular, poor sorting, rare cryptocrystalline orange brown dolomitic cement, trace silty/kaolinitic matrix, trace nodular pyrite, common coarse fractured milky quartz, disaggregated, good porosity, no fluorescence.	
	10	SILTSTONE, as above.	
	30	COAL, black, bituminous, subconchoidal fracture in part, subvitreous lustre, brittle to hard, blocky.	
1755.0 – 1760.0	30	SANDSTONE, as above.	
	20	SILTSTONE, as above.	
	50	COAL, as above.	
1760.0 – 1765.0	20	SANDSTONE, predominantly as above, common kaolinitic matrix, fair to good porosity, no fluorescence.	
	70	SILTSTONE, light brown, dusky yellow brown, very argillaceous, slightly arenaceous, trace carbonaceous/coaly laminae, micromicaceous, trace lithic fragments, hygroturgid, soft to slightly dispersive, massive to amorphous.	
	10	COAL, as above.	
1765.0 – 1770.0	100	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor to moderate sorting, trace dark brown cryptocrystalline dolomitic cement, predominantly clean, common very coarse fractured milky quartz, trace quartz overgrowths, trace coal fragments, disaggregated, very good porosity, no fluorescence.	
1770.0 – 1775.0	90	SANDSTONE, predominantly as above, becomes coarse to very coarse, very good porosity, no fluorescence.	
	10	SILTSTONE, light brown, dusky yellow brown, very argillaceous, slightly arenaceous, trace carbonaceous/coaly laminae, micromicaceous, trace lithic fragments, hygroturgid, soft to slightly dispersive, massive to amorphous.	
1775.0 – 1780.0	100	SANDSTONE, as above.	
1780.0 – 1785.0	100	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse, angular to subangular, moderate to good sorting, clean, common very coarse milky quartz, disaggregated, very good porosity, no fluorescence.	
1785.0 – 1790.0	80	SANDSTONE, predominantly as above, becomes coarse to very coarse, trace kaolinitic inclusions.	
	20	SILTSTONE, dusky yellow brown, brown grey, very argillaceous, slightly micromicaceous, trace carbonaceous specks, trace lithic fragments, dispersive, soft, massive.	
1790.0 – 1795.0	80	SANDSTONE, as above.	
	20	SILTSTONE, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1795.0 – 1800.0	40	SANDSTONE, clear to translucent, frosted, light grey, medium to coarse, angular to subangular, moderate sorting, predominantly clean, trace kaolinitic inclusions, trace smoky/milky quartz, trace feldspar, trace limonitic stained quartz, disaggregated, good porosity, no fluorescence.	
	60	COAL, black, bituminous, slightly argillaceous in part, subvitreous lustre, subconchoidal fracture in part, brittle to hard, blocky to subfissile.	
1800.0 – 1805.0	80	SANDSTONE, as above.	
	20	COAL, as above.	
1805.0 – 1810.0	80	SANDSTONE, as above.	
	20	COAL, as above.	
1810.0 – 1815.0	100	SANDSTONE, clear to translucent, frosted, medium to coarse in part, subangular, good sorting, locally trace kaolinitic matrix, common very coarse milky quartz float, disaggregated, good porosity. **FLUORESCENCE**, trace dull pale yellow patchy fluorescence, weak slow streaming crush cut, dim film residue.	
1815.0 – 1820.0	100	SANDSTONE, clear to translucent, light orange brown, medium to very coarse, angular to subangular, poor to moderate sorting, weak dolocalcareous cement in part, trace kaolinitic inclusions, trace coaly fragments, trace feldspar, trace very coarse milky quartz, disaggregated, occasionally hard cemented aggregates, very good porosity. **FLUORESCENCE**, trace as above.	
1820.0 – 1825.0	30	SANDSTONE, clear to translucent, frosted, medium to predominantly coarse, angular to subangular, moderate sorting, trace calcareous cement, common kaolinitic matrix, common very coarse milky quartz, disaggregated, occasionally fine grained friable aggregates, poor to fair porosity. **FLUORESCENCE**, trace as above.	
	50	SILTSTONE, brown grey, dusky yellow brown, very argillaceous, slightly micromicaceous, common coaly laminae, trace lithic fragments, slightly arenaceous, occasionally mottle texture, soft to firm, massive.	
	20	COAL, black, bituminous, slightly argillaceous in part, subvitreous lustre, subconchoidal fracture in part, brittle to hard, blocky to subfissile.	
1825.0 – 1830.0	80	SANDSTONE, clear to translucent, light grey, fine to very coarse, angular to subangular, poor sorting, locally strong crypto/micro-crystalline dolocalcareous cement, trace kaolinitic matrix, trace rock fragments, trace feldspar, trace very coarse milky quartz, friable to disaggregated, occasionally hard aggregates. **FLUORESCENCE**, trace as above.	
	10	SILTSTONE, as above.	
	10	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1830.0 – 1835.0	100	SANDSTONE, clear to translucent, light grey, fine to predominantly coarse to very coarse, angular to subangular, poor sorting, locally strong dolomitic cement, abundant kaolinitic matrix, common quartz overgrowths, common fractured very coarse to granular milky quartz, predominantly disaggregated, hard fine cemented aggregates, tight to fair porosity, no fluorescence.	
1835.0 – 1840.0	80	SANDSTONE, as above.	
	20	SILTSTONE, grey brown, dusky yellow brown, very argillaceous, common coaly fragments, micromicaceous, common light grey very fine arenaceous laminae, trace lithic fragments, soft to slightly dispersive, massive to amorphous.	
1840.0 – 1845.0	70	SANDSTONE, predominantly as above common very coarse to granular milky/polycrystalline quartz float.	
	30	SILTSTONE, predominantly as above, locally common coaly microlaminae.	
1845.0 – 1850.0	10	SANDSTONE, predominantly as above, becomes medium.	
	80	SILTSTONE, brown grey, moderate brown in part, very argillaceous, common light grey very fine arenaceous laminae/inclusions, micromicaceous, trace carbonaceous microlaminae, trace lithic fragments, mottled texture in part, soft to slightly dispersive, massive.	
	10	COAL, black, bituminous, slightly argillaceous in part, subvitreous lustre, subconchoidal fracture in part, brittle to hard, blocky to subfissile.	
1850.0 – 1855.0	95	SILTSTONE, as above.	
	5	COAL, as above.	
1855.0 – 1860.0	20	SANDSTONE, light grey, clear to translucent, fine to medium, subangular to subrounded, moderate to good sorting, strong siliceous cement, common kaolinitic matrix, trace coarse milky quartz float, trace carbonaceous fragments, hard, disaggregated in part, tight to very poor porosity, no fluorescence.	
	75	SILTSTONE, as above.	
	5	COAL, as above.	
1860.0 – 1865.0	100	SILTSTONE, brown grey, dusky yellow brown, very argillaceous grades to silty claystone, micromicaceous, trace carbonaceous specks, common biotite, occasionally very fine arenaceous inclusions, soft to firm, massive to blocky.	
1865.0 – 1870.0	10	SANDSTONE, as above.	
	90	SILTSTONE, as above.	
1870.0 – 1875.0	40	SANDSTONE, clear to translucent, frosted, light grey, fine, subangular to subrounded, good sorting, weak siliceous cement in part, trace coarse milky quartz float, trace rock fragments, friable to disaggregated, fair porosity, no fluorescence.	
	50	SILTSTONE, brown grey, dusky yellow brown, moderately argillaceous, micromicaceous, trace carbonaceous specks, trace lithic fragments, trace light grey arenaceous inclusions/laminae, soft to firm, massive to blocky.	
	10	COAL, black, bituminous, slightly argillaceous in part, subvitreous lustre, subconchoidal fracture in part, brittle to hard, blocky to subfissile.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1875.0 – 1880.0	40	SANDSTONE, as above.	
	50	SILTSTONE, as above.	
	10	COAL, as above.	
1880.0 – 1885.0	95	SILTSTONE, as above.	3% CO_2
	5	COAL, as above.	
1885.0 – 1890.0	70	SILTSTONE, grey brown to dusky yellow brown, moderately argillaceous, common very fine light grey arenaceous laminae, micromicaceous, common carbonaceous laminae, trace lithic fragments, soft to firm, massive to blocky.	3% CO_2
	30	COAL, black to brown black, locally argillaceous grades to carbonaceous shale, subvitreous lustre, earthy texture, blocky to subfissile in part.	
1890.0 – 1895.0	70	SILTSTONE, as above.	3% CO_2
	30	COAL, as above.	
1895.0 – 1900.0	10	SANDSTONE, clear to translucent, frosted, light grey, very fine to fine, subangular to subrounded, good sorting, strong siliceous cement, trace coarse milky quartz float, trace rock fragments, friable to hard, tight, no fluorescence.	3% CO_2
	30	SILTSTONE, as above.	
	60	COAL, as above.	
1900.0 – 1905.0	20	SANDSTONE, predominantly as above, trace dark brown dolomitic cement, common kaolinitic matrix, trace medium to coarse quartz float.	3% CO_2
	60	SILTSTONE, as above.	
	20	COAL, predominantly as above, becomes argillaceous in part, grades to carbonaceous shale.	
1905.0 – 1910.0	30	SANDSTONE, clear to translucent, light grey, fine to medium, subangular to subrounded, moderate sorting, locally strong siliceous cement, abundant kaolinitic matrix, common very coarse fractured milky quartz, trace carbonaceous/coaly fragments, trace biotite, trace lithic fragments, friable to disaggregated, poor to fair porosity, no fluorescence.	
	60	SILTSTONE, as above.	
	10	COAL, as above.	
1910.0 – 1915.0	60	SANDSTONE, as above.	
	40	SILTSTONE, as above.	
	Trace	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1915.0 – 1920.0	80	SANDSTONE, light grey, pale yellowish brown, unconsolidated, medium to very coarse grained, occasional fine grains, very poorly to poorly sorted, elongate to sub-spherical, sub-angular to sub-rounded, translucent quartz, occasional transparent grains, minor quartz overgrowths, rare silica cemented aggregates (moderately hard to hard, well cemented, minor silty matrix, tite, nil visible porosity), trace chert grains, trace pyrite aggregates, moderate to good inferred porosity, no show.	
	20	SILTSTONE, pale yellowish brown to white (very fine arenaceous), minor moderate to dark yellowish brown (carbonaceous), argillaceous, very soft, dispersive, occasionally becoming soft to firm and fissile, fine to medium interlaminated (light and dark layers), minor very thin coaly streaks/laminations in part.	
	Trace	DOLOMITE, dusky yellowish brown, cryptocrystalline to microcrystalline, hard to very hard, brittle, locally very fine sandy, trace carbonaceous flecks, nil visible porosity. Possibly cement for sandstone in part.	
1920.0 – 1925.0	70	SANDSTONE, becoming predominantly medium to coarse grained, poor sorted, as above, no show.	
	20	SILTSTONE, as above.	
	10	COAL, black, brownish black, firm and friable, occasionally moderately hard and blocky, minor bright vitrain, grades to carbonaceous shale in part.	
1925.0 – 1930.0	90	SANDSTONE, as above, no show.	2.6% CO_2
	10	SILTSTONE, pale yellowish brown to white, arenaceous, as above.	
1930.0 – 1935.0	60	SANDSTONE, unconsolidated, medium to very coarse grained, very poorly to poorly sorted, as above, moderate to good inferred porosity, no show.	
	40	SILTSTONE, predominantly brownish grey, moderate to dark yellowish brown, minor pale yellowish brown to white, thin to medium interlaminated (light and dark layers), less dispersive, soft to firm, sub-blocky to sub-fissile, argillaceous, non calcareous, common to abundant disseminated fine carbonaceous material, rare to minor carbonaceous/coaly streaks and laminae, micromicaceous.	
1935.0 – 1940.0	60	SILTSTONE, as above, but becoming more argillaceous again, very soft, dispersive, hygroturgid.	3.3% CO_2
	30	COAL, black, brownish black, dull, earthy, sub bituminous, firm to occasionally moderately hard, sub-blocky to sub-fissile, friable, minor bright vitrain, occasionally very finely interlaminated with siltstone in part.	
	10	SANDSTONE, as above, no show.	
1940.0 – 1945.0	60	SILTSTONE, moderate to dark yellowish brown, brownish grey, minor pale yellowish brown to white, very soft, argillaceous, dispersive, as above.	
	40	SANDSTONE, as above, no show.	
	Trace	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1945.0 – 1950.0	70	SILTSTONE, as above.	
	30	SANDSTONE, becoming predominantly medium grained, minor coarse grains, rare very coarse grains, as above, no show.	
1950.0 – 1955.0	70	SILTSTONE, as above.	
	30	SANDSTONE, as above.	
1955.0 – 1960.0	80	SANDSTONE, unconsolidated, light grey, pale yellowish brown, medium to coarse grained, occasional very coarse grains, poorly sorted, very elongate to sub-spherical, sub-angular to sub-rounded, rarely rounded, translucent and frosted grains, rare transparent quartz, minor quartz overgrowths, trace dolomitic cemented grains, trace carbonaceous fragments, trace lithic grains (including quartz veined greyish black volcanic rock fragments), moderate to good inferred porosity, no show. Rare silica cemented aggregates, very hard, well cemented, no visible porosity.	
	20	SILTSTONE, pale yellowish brown to white, minor moderate to dark yellowish brown, brownish grey, as above.	
1960.0 – 1965.0	80	SANDSTONE, as above.	
	20	SILTSTONE, as above.	
1965.0 – 1970.0	90	SANDSTONE, predominantly unconsolidated, medium to very coarse grained, poorly sorted, poor to moderate inferred porosity. 20-30% silica cemented aggregates, light grey medium grained, poorly to moderately sorted, elongate to sub-spherical, angular to sub-angular quartz, common quartz overgrowths, very hard, well cemented, minor silty matrix, trace white kaolin matrix, trace to rare carbonaceous fragments, trace feldspar, trace mica flakes, trace reddish orange lithic grains, nil to very poor visible porosity. **FLUORESCENCE**, trace to 5% spotty, very dim, dull yellow fluorescence (in cemented sandstone), no direct cut, extremely faint (very weak) pale yellow crush cut, very faint thin dim pale yellow residual ring.	
	10	SILTSTONE, as above.	
1970.0 – 1975.0	65	SANDSTONE, as above, common cemented aggregates, trace to rare feldspar, very hard, nil to very poor visible porosity. Common medium to coarse quartz float, poor to moderate inferred porosity. **FLUORESCENCE**, 5% spotty, as above, crush cut as above.	
	30	SILTSTONE, pale yellowish brown to white, very soft, arenaceous in part, dispersive, hygroturgid, non calcareous. Minor brownish grey, moderate yellowish brown, soft to firm, sub-fissile, non dispersive, non calcareous, common finely disseminated organic matter, occasional large coaly laths, some thin coaly streaks in part.	
	5	DOLOMITE, dark to dusky yellowish brown, microcrystalline, firm to hard, brittle in part, slightly argillaceous to silty, common disseminated very fine carbonaceous specks, grades to dolomitic siltstone in part, no visible porosity.	
1975.0 – 1980.0	70	SILTSTONE, predominantly pale yellowish brown to white, very soft and dispersive, as above, rarely moderate yellowish brown, trace carbonaceous.	
	30	SANDSTONE, as above, no show.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
1980.0 – 1985.0	60	SHALE, dark to dusky yellowish brown, brownish grey, firm to very firm, non dispersive, sub-fissile to fissile, non calcareous, massive to occasionally finely laminated, micromicaceous, trace to rare (locally common) disseminated very fine carbonaceous material, some coaly streaks in part.	
	40	SANDSTONE, as above, common silica cemented aggregates, fine to medium grained, rare coarse and very coarse grains, white kaolin matrix, nil to very poor visible porosity, no show.	
1985.0 – 1990.0	60	SILTSTONE, predominantly dark yellowish brown, rare pale yellowish brown, very soft, argillaceous, dispersive, hygroturgid, non calcareous, as above.	
	30	SHALE, dusky yellowish brown, firm, sub-fissile to fissile, as above, grades to silty claystone in part.	
	10	SANDSTONE, as above, no show.	
1990.0 – 1995.0	70	SILTSTONE, as above, rarely pale yellowish brown to white, very soft, hygroturgid.	
	30	SHALE, as above, carbonaceous and micromicaceous.	
	Trace	DOLOMITE, as above.	
1995.0 – 2000.0	40	SILTSTONE, pale yellowish brown to white, minor moderate yellowish brown, very soft, very argillaceous, dispersive, hygroturgid, as above, grades to silty claystone in part.	
	30	COAL, black, brownish black, dull, earthy, sub bituminous, soft to firm, friable, sub-blocky to occasionally sub-fissile, trace pyrite, rare bright vitrain, fine to medium laminated in part (thinly banded coal).	
	20	SHALE, as above, with occasional coaly laminations.	
	10	SANDSTONE, light grey to medium light grey, cemented, very fine to fine grained, occasional medium grains, poorly to moderately sorted, elongate to sub-spherical, sub-angular to sub-rounded, hard to very hard, well cemented (siliceous cement), trace dolomitic cement, trace kaolin matrix, trace to rare carbonaceous fragments, trace pyrite, trace feldspar, tite, nil visible porosity, no show.	
2001.0		**Spot Sample**	Gas Peak 3.2% CO_2
	60	SHALE, as above, generally soft to firm, sub-fissile to fissile, occasionally becoming slightly dispersive in part 9grades to claystone), with common to abundant interlaminations and wispy streaks of coal/carbonaceous material.	
	40	COAL, as above, trace microfractures (?siliceous infill).	
2000.0 – 2005.0	50	SHALE, as above, becoming dispersive in part, grades to claystone.	
	40	COAL, as above.	
	10	SILTSTONE, pale yellowish brown, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
2005.0 – 2010.0	55	SILTSTONE, as above, moderate yellowish brown in part, very argillaceous, very soft, dispersive, hygroturgid, grades to silty claystone.	
	40	SHALE, as above, coaly in part (common to abundant coaly fragments/inclusions and laminae).	
	5	DOLOMITE, dusky yellowish brown, cryptocrystalline to microcrystalline, very hard, dense, brittle, slightly argillaceous, trace very fine carbonaceous specks, trace very fine pyrite, nil visible porosity, no show.	
	Trace	CHERT [float], translucent grey, extremely hard, sub conchoidal fracture.	
2010.0 – 2015.0	60	SILTSTONE, as above.	
	40	SHALE, as above, slightly less carbonaceous.	
	Trace	DOLOMITE, as above.	
2015.0 – 2020.0	80	COAL, brownish black, black, dull, firm, sub-blocky to occasionally sub-fissile, earthy in part, friable, trace amber inclusions, grades to carbonaceous shale.	3.2% CO_2
	20	SHALE as above.	
2020.0 – 2025.0	50	COAL, as above.	4.3% CO_2
	30	SILTSTONE, pale yellowish brown, white, very soft and dispersive, as above.	
	20	SHALE, as above.	
2025.0 – 2030.0	70	SHALE, as above, becoming very soft to soft and dispersive in part, generally firm, grades to silty claystone.	3.2% CO_2
	20	SILTSTONE, as above.	
	10	COAL, as above.	
	Trace	DOLOMITE, as above.	
2030.0 – 2035.0	40	SHALE, dusky yellowish brown, firm, sub-fissile to fissile, common carbonaceous partings, micromicaceous, non dispersive, non calcareous, finely laminated in part.	
	30	SANDSTONE, very light grey, white, unconsolidated quartz grains, fine to medium grained, poorly to moderately sorted, sub-elongate to sub-spherical, abundant kaolin matrix, soft, friable, trace feldspar, trace pyrite, trace coaly streaks and carbonaceous fragments, nil to very poor porosity, no show.	
	30	SILTSTONE, moderate to dark yellowish brown, rare pale yellowish brown, very soft very argillaceous, dispersive, hygroturgid, sticky, amorphous, smooth, non calcareous, grades into shale/claystone in part.	
2035.0 – 2040.0	40	SHALE, as above.	
	30	SANDSTONE, as above.	
	30	SILTSTONE, as above.	
2040.0 – 2045.0	80	SILTSTONE, predominantly pale yellowish brown, some moderate yellowish brown, very finely arenaceous, very soft, dispersive, hygroturgid, non calcareous, trace carbonaceous specks, occasionally interlaminated with darker siltstone and shale.	
	10	SHALE, as above.	
	10	SANDSTONE, as above, some unconsolidated medium to coarse quartz grains, no show.	
	Trace	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
2045.0 – 2050.0	60	SILTSTONE, as above.	
	20	SANDSTONE, as above, no show.	
	20	SHALE, as above.	
	Trace	COAL, as above.	
2050.0 – 2055.0	60	SHALE, dusky yellowish brown, soft to firm, sub fissile to fissile, occasional sub-blocky, non to occasionally slightly dispersive, grades to silty claystone in part, massive to occasionally finely laminated, interlaminated with white arenaceous siltstone in part, micromicaceous, common fine carbonaceous material, occasional coaly streaks and laths.	
	30	SANDSTONE, unconsolidated quartz, light grey, pale yellowish brown, medium to coarse and very coarse grained, occasional fine grains, very poorly to poorly sorted, very elongate to sub-spherical, angular to sub-rounded, minor quartz overgrowths, translucent and transparent grains, rare white kaolin matrix, moderate inferred porosity, no show.	
	10	SILTSTONE, pale yellowish brown to white, arenaceous, very soft, as above, interlaminated with shale in part.	
2055.0 – 2060.0	60	SHALE, as above, thin to medium laminated in part, generally massive.	
	40	SANDSTONE, as above, kaolin matrix slightly more abundant, common quartz overgrowths, trace mica, trace volcanic rock fragments, poor to moderate inferred porosity, no show.	
2060.0 – 2065.0	60	SHALE, as above.	
	40	SANDSTONE, as above, no show.	
2065.0 – 2070.0	70	SHALE, as above, micromicaceous, common carbonaceous and coaly streaks and laminations, generally firm, occasionally becoming soft and dispersive, some lenses and laminae of very fine sandstone to coarse siltstone in part.	
	30	SANDSTONE, as above, no show.	
	Trace	COAL, as above, interlaminated with shale in part.	
2070.0 – 2075.0	90	SANDSTONE, white, very light grey, unconsolidated, medium to coarse grained, occasional very coarse grains, poorly sorted, sub-elongate to sub-spherical, sub-angular to rounded, translucent quartz, common to abundant kaolin matrix, poor to moderate inferred porosity, no show.	
	10	SHALE, as above.	
2077.0		**Spot Sample**	Gas Peak
	50	SHALE, dusky yellowish brown, firm, non dispersive, sub-fissile to fissile, as above, very carbonaceous, with common to abundant coaly laminae and inclusions, often finely laminated.	
	30	COAL, brownish black, black, dull, grades to carbonaceous shale.	
	20	SANDSTONE, as above, no show.	
2075.0 – 2080.0	70	SHALE, as above, very carbonaceous, becomes brownish black in part.	
	20	SANDSTONE, as above, no show.	
	10	COAL, as above.	

WELLSITE SAMPLE DESCRIPTION

GLOBEX Far East
Barramundi 1
14 October, 1999

GEOLOGISTS: G.Clota/A.Kress

DEPTH (m)	LITH%	LITHOLOGY/HYDROCARBON SHOW DESCRIPTION	COMMENT
2080.0 – 2085.0	70	COAL, black, brownish black, dull, earthy, sub bituminous, firm to very firm, sub-blocky, occasionally sub-fissile, friable in part, minor bright vitrain with sub conchoidal fracture, grades to carbonaceous shale.	
	20	SHALE, as above.	
	10	SANDSTONE, as above, no show.	
2085.0 – 2090.0	80	SHALE, dusky yellowish brown to dark yellowish brown, very soft to soft, sub-fissile and non dispersive when firmer, generally dispersive (grades from siltstone in part), non calcareous, common to abundant dispersed organic matter, common coaly streaks in part, finely laminated to massive.	
	20	COAL, as above, trace translucent orange amber inclusions (with pin point bright yellow fluorescence).	
2090.0 – 2095.0	60	COAL, as above, sub-blocky, trace amber (fluorescence as above).	
	40	SHALE, as above.	
	Trace	SANDSTONE, as above, no show.	
2095.0 – 2100.0	60	SILTSTONE, moderate to dark yellowish brown, very argillaceous, very soft, dispersive, hygroturgid, non calcareous, smooth, amorphous, trace fine carbonaceous specks, grades to silty claystone.	
	20	SHALE, dusky yellowish brown, carbonaceous, micromicaceous, as above.	
	10	SANDSTONE, unconsolidated quartz grains, light grey, medium to very coarse grained, very poorly sorted, poor to moderate inferred porosity, no show.	
	10	COAL, as above.	
		Total Depth 2100m MD reached at 0215 hrs, 2 Oct 1999.	

BARRAMUNDI 1

Survey Data

TOTCO SURVEY LISTING

Depth (m)	Inclination (°)
143	1
488	1
748	½
875	¼
1181	1 ¼
1527	½
2100	1

BARRAMUNDI 1

Wireline Log Evaluation

Barramundi-1 Wireline Log Evaluation

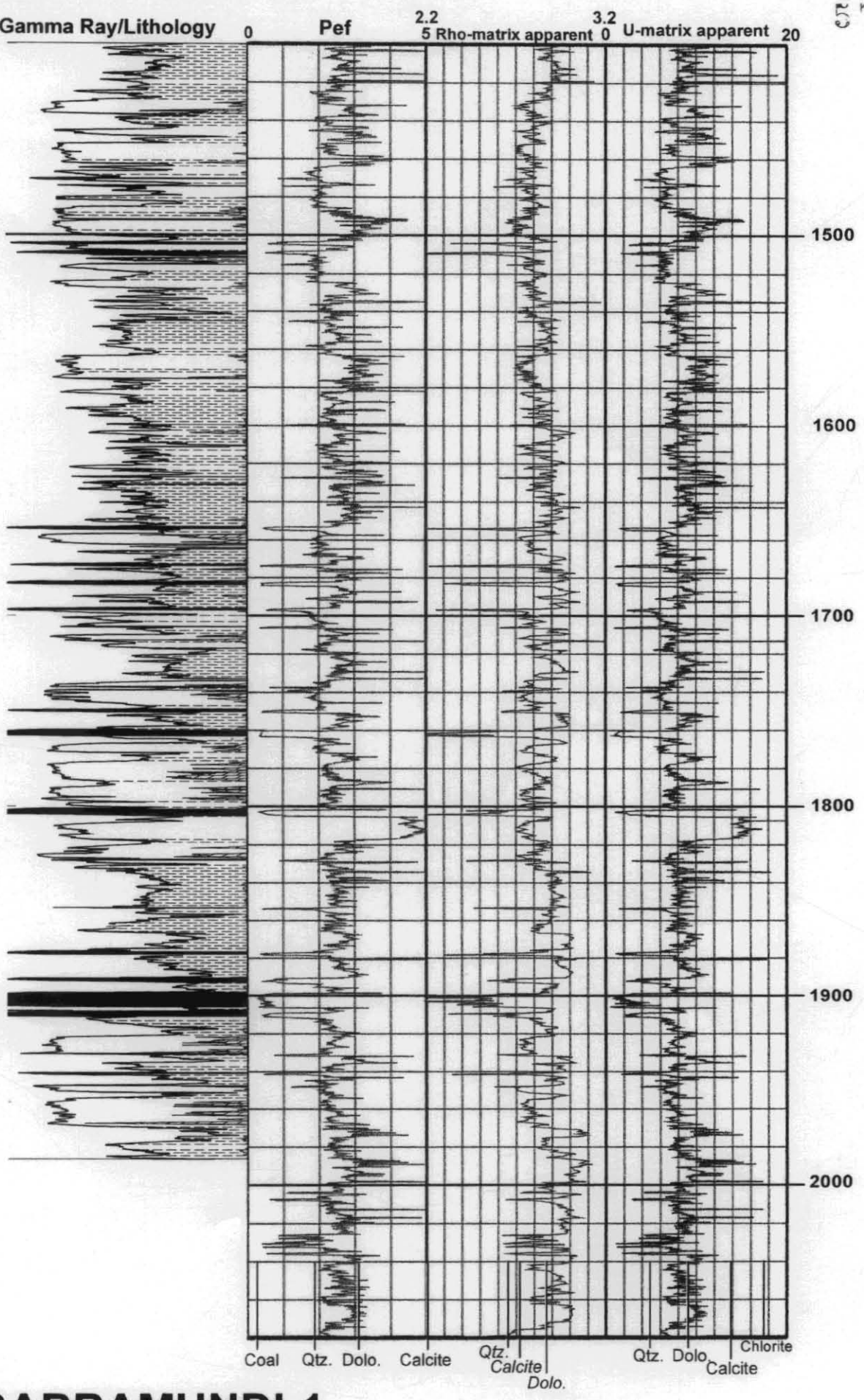
Methodology: A total interval of 695m extending from a depth of 1400m to TD was evaluated for reservoir development and reservoir fluid identification. Digital log data made available for the purpose of log evaluation included the gamma ray, caliper, neutron-density, sonic, laterolog and Rxo resistivity curves. The interval examined contains the Eastern View Coal Measures which underlie the Demons Bluff Fm., the regional seal for the Bass Basin. Sands of the Eastern View Coal Measures were found productive in the 1985 Yolla-1 gas discovery drilled immediately to the south. Log evaluation was undertaken using Crocker Data Processing software and digital log data received from the well. The gross interval examined was broken down into 9 discrete zones to reflect variations in clay parameters and formational water resistivity with depth. Effective clay-corrected porosities were determined by the neutron and density curves. A combination of gamma ray and neutron-density log data was used to determine dispersed clay content which was then used to establish effective porosity. Owing to the presence of non-clay radioactive minerals within the sands, the gamma ray is not always a reliable indicator of clay content. The interval also contains numerous coal seams ranging from a less than a meter to over 9.5 meters in thickness. Carbonaceous material also occasionally occurs dispersed within the sands. Thin carbonate stringers believed to be dolomite also occur as thin intercalations within the shales and siltsones. Carbonate cement also occurs locally within the sands. Formational water resistivities were calculated using the Rw apparent method for known water bearing sands. Connate water saturations were determined using the Indonesian Shaly Sand Equation.

Results: Using clay volume to determine net reservoir sand development it may be established that the gross 695m interval examined contains a total of 195m of net sand with and average of approximately 24% porosity present. Porosities exceed 30% locally. An estimated 28% of the gross interval studied represents net reservoir sand. Mean clay volume for the sands is 14.8%. Mean water saturation for the interval comprising net sand is 85%. Apart from a few thin intervals containing minor residual hydrocarbon indications, no zones are apparent from the log control which contain the presence of significant moveable hydrocarbon saturations. The minor indications of possible residual hydrocarbons present should be viewed with some uncertainty given the absence of known formational water resistivities. All of the major sand bodies in the well which exhibit low to medium clay volume demonstrate uniformly high water saturations with true formational resistivities of between 0.8 and 1 ohm/m. By way of comparison the shallowest gas accumulation within the neighbouring Yolla-1 discovery exhibited an Rt of over 3 ohm/m within the gas column. Formational water resistivity is observed to increase with depth reflecting with calculated salinities ranging from around 24,000 ppm at the top of the interval studied to a minimum of 14,000 ppm at total depth. Little or no invasion profile is evident within resistivity curves near the top of the sequence owing to

similarities between mud filtrate and formational water resistivities. Greater contrast is observed with depth as the formational waters freshen.

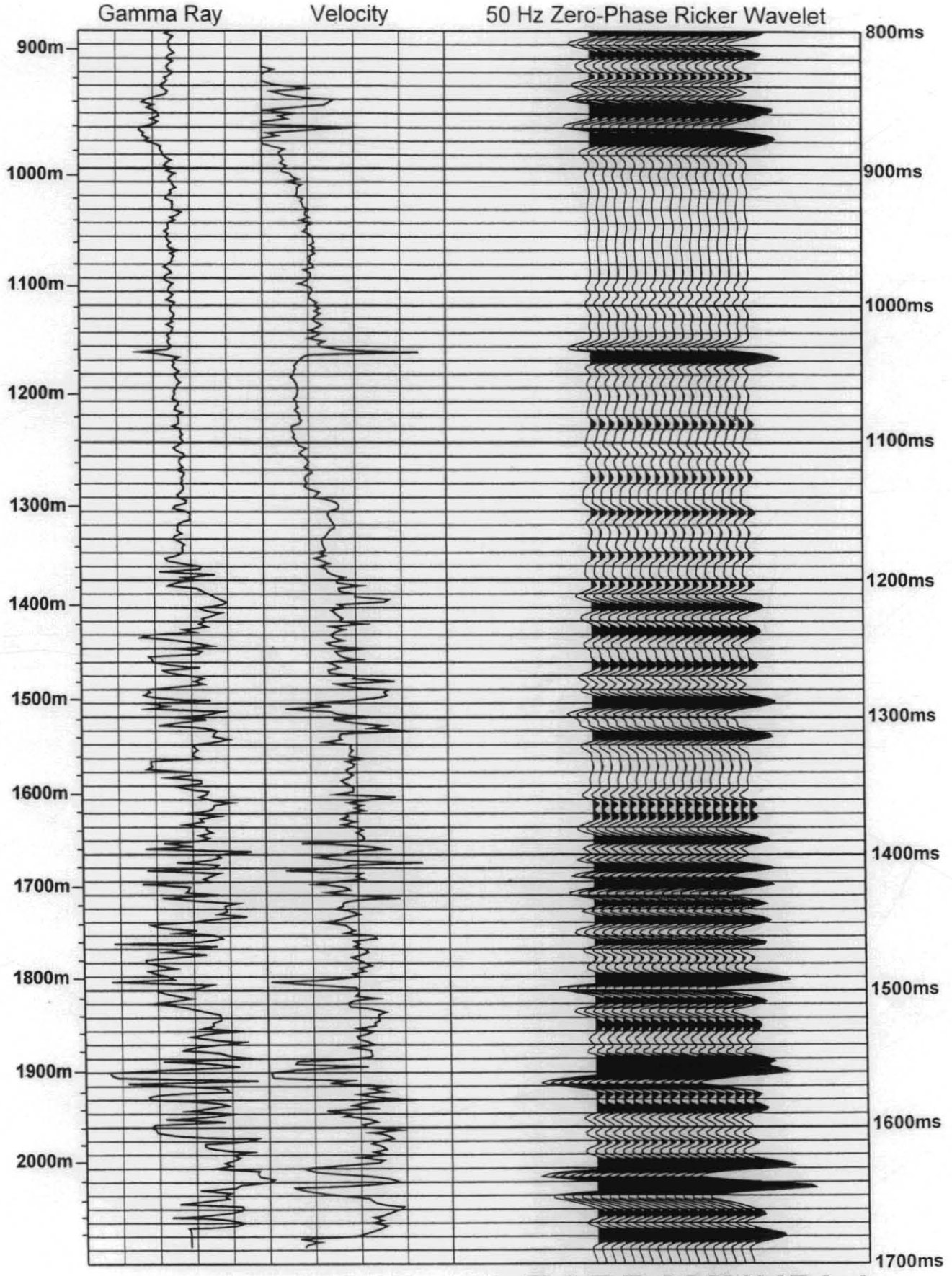
In general, the borehole environment was conducive for reliable log interpretation within the sand-dominated intervals. Although excessive borehole enlargement occurs locally within the shalier intervals, the sands are generally within gauge averaging 13 inches and the filtrate invasion profile would appear to be moderate averaging about 22 inches for the reservoir sands.

Conclusions: Wirleine log evaluation of the Barramundi-1 log suite reveals no significant presence of moveable hydrocarbon. The minor amounts of residual hydrocarbon saturation evident from log analysis are more an artifact of the uncertainty and variability in formational water resistivity than the presence of true hydrocarbons.



BARRAMUNDI-1
COMPOSITE LITHOLOGY LOG

5 cm



BARRAMUNDI-1
SYNTHETIC SEISMOGRAM

5 cm

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BARRAMUNDI-1 COMPOSITE WELL LOG

Enclosure1

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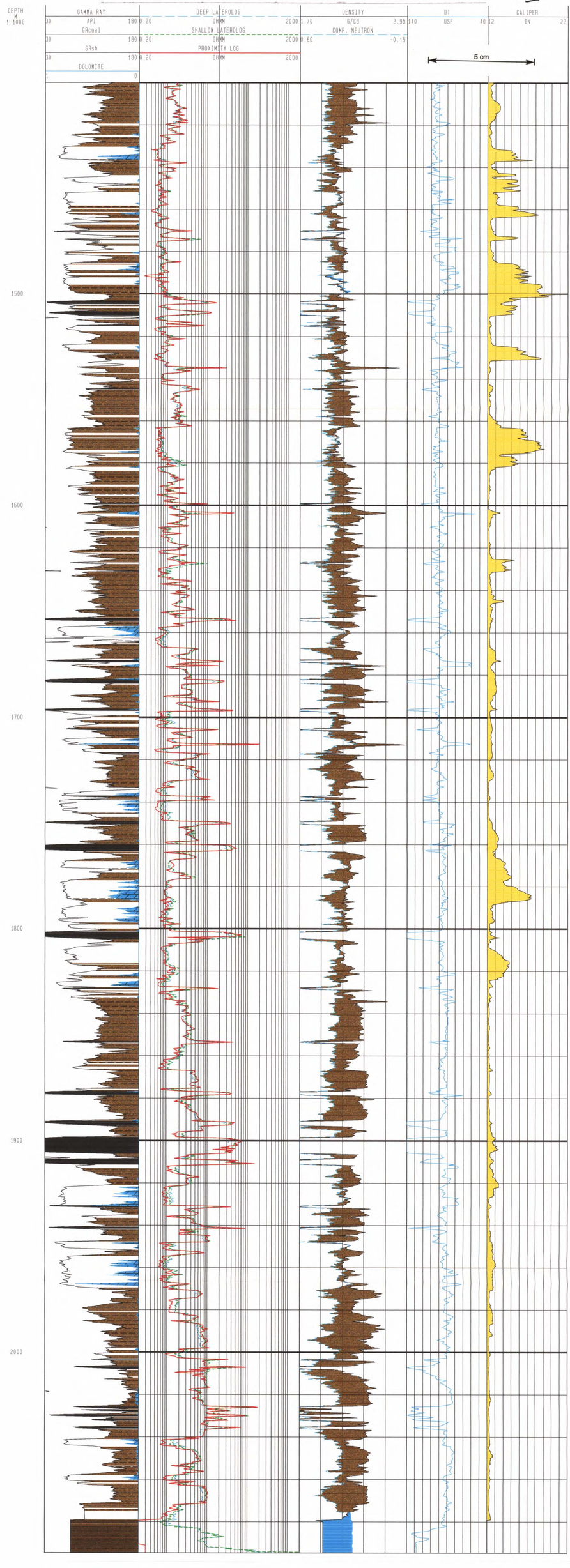

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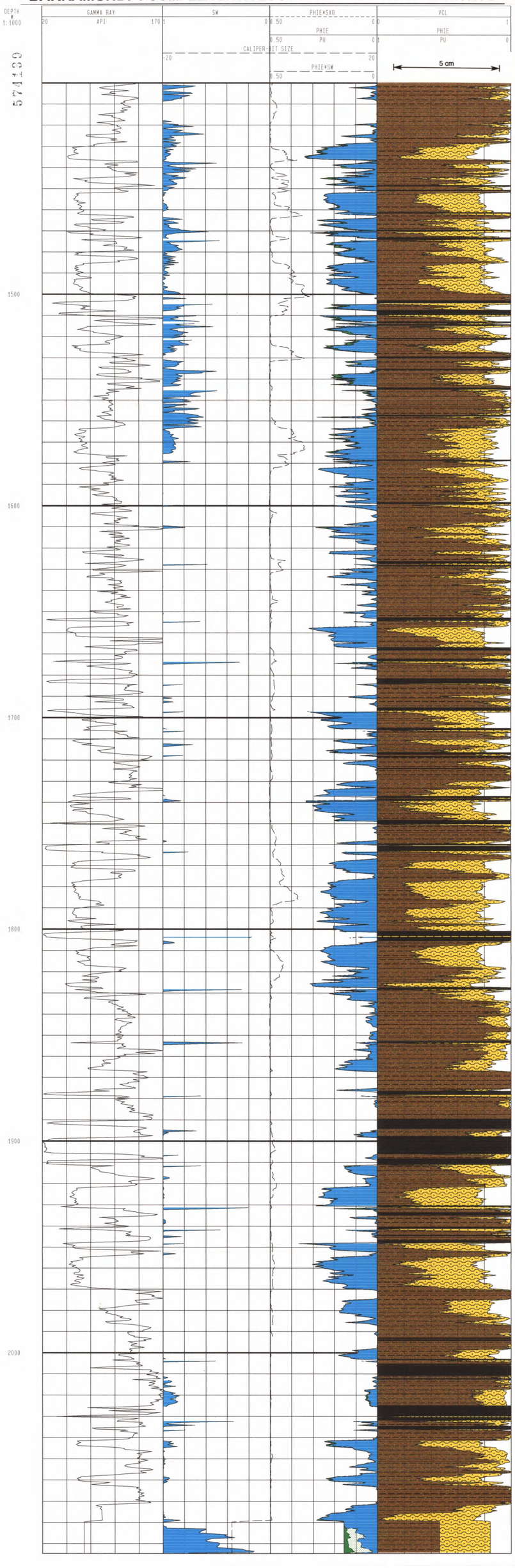
BARRAMUNDI-1 COMPLEX LITHOLOGY INTERPRETATION Enclosure 2



FIELD ELECTRIC LOG REPORT

GENERAL INFORMATION

WELL:	**Barramundi 1**	**REPORT NUMBER 1**
(FINAL)LOCATION:	**LAT:** 39° 39' 41.99" N.	
	LONG: 145° 44' 0.94" E.	**ELEVATION:** 0m above mean sea level
SEISMIC LINE:	BB96-50 SP 1940	**DF TO MEAN SEA LEVEL:** 25.9m
PERMIT:	T/27P Tasmania	**LOGGING COMPANY:** Schlumberger
AREA:	Bass Basin	**LOGGING ENGINEER:** D.Pastor/D.Wong
COUNTRY:	Australia	**GEOLOGIST(S):** Greg Clota/Tony Kress

LOGGING SUITE NUMBER 1

DATE LOGGED: 2-3/10/99
HOLE SIZE: 12.25" (311mm)
CASING SHOE: 869.1m (driller), 869.5m (logger)

DRILLERS DEPTH: 2100m DF
LOGGERS DEPTH: 2099m DF

LABEL	TYPE OF LOG	FROM	TO	RPT. SECT. / SUMRY.	Time SinceLast Circ / BHT
Run 1	PEX-HALS-DSI-HNGS	2097m	120m	2097 to 2005m	10.4 hours /80.0° C. Circulated for 0.75 hours
Run 2	FMS-GR (SHDT)	2097m	1300m	2097m to 2010m	16.2 hours /86.7° C.
Run 3	CSAT-GR	2086m	105m	8 levels, 2 repeated, 1level at mudline.	20.1 hours /87.8° C.

MUD DATA

MUD TYPE:	KCl/PHPA/Polymer	**SAMPLE SOURCE:**	Flowline
MUD WEIGHT:	1.13SG	**Rm @ Measured Temp.**	0.147 Ohmm @ 18.3° C
FUNNEL VISCOSITY:	50 sec.	**Rmf @ Meas. Temp.**	0.139 Ohmm @ 17.9° C
pH:	9.0	**Rmc @ Measured Temp.**	0.173 Ohmm @ 19.5° C
FLUID LOSS	4.4 cm^3	**Rm @ BHT.**	0.050 Ohmm @ 88° C
CHLORIDES:	29000 ppm	**COMMENTS:**	

CIRCULATION HISTORY & DIARY OF OPERATIONS

From	To	Activity (Downtime/Lost time in bold typeface)
2nd Oct		
0530	0615	Circulate on bottom after wiper trip. POOH to log.
1350	1400	Hold JSA prior to rigging up loggers.
1400	1440	Rig up loggers for Run 1 **PEX-HALS-DSI-HNGS.**
1440	1510	RIH and compensate. **Adjust rig compensation line on sheave. (30min lost time).**
1510	1520	RIH to 890m.
1520	1530	Log into casing shoe. Casing shoe at 869.5m. Tools and caliper OK.
1530	1610	RIH and log down to 1960m.
1610	1620	Continue RIH to bottom.
1620	1635	Log up repeat section to 2005m
1635	1640	RIH to bottom. Loggers TD 2099m. (Stretch correction +2m/ Tide -1m. Depth correction +1m)

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CIRCULATION HISTORY & DIARY OF OPERATIONS (cont)

From	To	Activity (Downtime/Lost time in bold typeface)
1640	1810	Log up main pass in Hi Resolution mode at 1800ft/hr.
1810	1835	End Hi Res mode for PEX and turn off NGT at 1325m. Log up standard resolution to 852 at 2500ft/hr.
1835	1845	Drop back to 862m and prepare play back of log for Helicopter transmission of data.
1845	1935	Log up DSI-GR from 862 - 120m.
1935	1945	Compensate depth at 120m. POOH. Tool at surface at 1945 hours.
1945	2040	Unload sources. Clean tool. Rig down **PEX-HALS-DSI-HNGS.**
2040	2110	Rig up for Run #2 - **FMS-GR** (run in SHDT mode)
2110	2120	Zero tool. RIH to 120m, compensate depth.
2120	2200	Continue in hole at 10000 ft/hr.
2200	2205	Do correlation pass from 2070m to 2000m and tie in to PEX depth (+3.5m).
2205	2210	RIH to bottom.
2210	2220	Log up FMS-GR repeat section to 2010m.
2220	2225	RIH to 2097m. Hole sticky at TD.
2225	2330	Log up main pass FMS-GR to 1300m at 2500ft/hr.
2330	**3rd Oct** 0030	POOH and rig down Run #2 **FMS-GR.**
0030	0050	Rig up Run #3 **CSAT-GR.**
0050	0100	RIH to 120m and compensate.
0100	0125	Continue RIH to 500m and do 1st checkshot in casing.
0125	0155	RIH hanging up briefly at 889m and 911m on ledges. Attempt checkshot at 1329m but abort due to poor coupling/noisy signal, drop down to 1330m and redo checkshot level.
0155	0215	RIH to 2061m and do GR correlation pass to 2018m. (Correction +3.1m)
2015	0220	RIH to 2093m where tenion dropped off. Pull up to 2087m for first survey point, noisy. Pull up to 2086.1m and commence Checkshot survey.
0220	0400	Do 8 levels plus mudline checkshot. (5 shots per level). Repeat levels at 1329m and 500m.
0400	0425	POOH and decompensate. Disarm airgun.
0425	0500	Tool at surface. Rig down loggers.

TOTAL LOGGING TIME: 15 HOURS

TOTAL LOST TIME / DOWNTIME: 0.5 HOURS (Rig down time)

HOLE PROBLEMS

On trip out with prior to loging tight hole was experienced at 1375m. No hole problems experieced whilst RIH with PEX and FMS. CSAT hung up on ledges at 889m and 911m when RIH.

Hole sticky on bottom for Run #2 and Run #3.

COMMENTS

Overall a well planned and executed logging job. There were no tool problems and all data acquired as per client request.

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TABLE 5

FORMATION EVALUATION LOG

BARRAMUNDI-1

GLOBEX Far East

Geoservices logging

FROM (m): 770 | TO (m): 2125 | SCALE: 1/ 500

5 cm

	POSITION	CASING	
Country : AUSTRALIA	LAT : 39°39'41.9884"S	762mm(30")shoe at MDRT: 147.0 m	Spud Date : 24-09-1999
Region : Bass Strait	LONG : 145°44'02.9366"S	340mm(13.38")Shoe at MDRT: 869.1 m	Total Depth Date: 10-02-1999
Field : Barramundi	X (m) : 391 412 m E		Total Depth (mRT) : 2100
Permit : T/27P	Y (m) : 5 609 012 m N		T.V.D. (mLAT) : 2099.71
Well Type : Exploration	RT-MSL (m) : 25.9		
Rig Name : SEDCO 702	RT-Seabed (m) : 102.5		

ABBREVIATIONS

MW MUD WEIGHT	NB NEW BIT
FV FUNNEL VISCOSITY	RR RERUN BIT
PV PLASTIC VISCOSITY	CB CORE BIT
YP YIELD POINT	WOB WEIGHT ON BIT
FC FILTER CAKE	RPM REVS PER MINUTE
SOL SOLIDS	FLC FLOW CHECK
WL FILTRATE	CR CIRCULATE RETURNS
SD SAND - %	PR POOR RETURNS
S SALINITY - PPM	NR NO RETURNS
RM MUD RESISTIVITY	BG BACKGROUND GAS
RMF MUD FILTRATE	TG TRIP GAS
C CARBIDE TEST	STG SHORT TRIP GAS
LAT LOGGED AFTER TRIP	CG CONNECTION GAS
DS DEVIATION SURVEY	SG SWAB GAS
	SVG SURVEY GAS

LITHOLOGY LEGEND

SHALE	VOLCANICS	SIDERITE
CLAYSTONE	GRANITE	FOSSILS
SILTSTONE	METAMORPHICS	LITHOCLASTS
SST: f-vf	PYRITE	CORALS
SST: med	IRON	ALGAE
LIMESTONE	MICA	FORAMINIFERA
DOLOMITE	FELDSPAR	AMMONITES
COAL	GLAUCONITE	PLANT FRAGS

ENGINEERING LEGEND

- MUD LOSS
- SWC
- DEV SURVEY
- CORE
- SWC UNREC
- CASING SHOE
- BIT CHANGE
- LINER HANGER

LITHOLOGICAL DESCRIPTIONS AND REMARKS

Drill with seawater and hi-vis sweeps

Drill with KCl/PHPA/polymer mud system

LIMESTONE:olv gry, med-brn gry, clslt g/t clcar i/p, v arg, tr nod pyr, tr pell glauc, tr-loc com foss frags, tr carb spks, tr free med-crs qtz flt, sft, plas, mass.

CLAYSTONE:med gry-dk grn gry, loc v calc g/t clclt, micmic, com diss pyr, tr lith frags, com forams, tr bivlvs, com foss frag tr glauc, sft-plas, mass.

SANDSTONE:clr-trnsl, med-crs, sa-ang, pr srt, loc stng dol cmt, tr pyr cmt, com nod pyr, tr pel glauc, tr Fe stn qtz, com v crs qtz flt, dissagr, tr hd aggs, nil-gd por, no fluor.

LIMESTONE:v lt gry, bl wh i/p, clcar, tr f qtz grns, tr f grned dolaren incl/lam, tr pell glauc, tr nod pyr, frm, hd aggs i/p, blky, ti, dll pa yel min fluor only.

CLAYSTONE:med brn-brn gry, sli-mod calc, micmic, slty, tr glauc tr lith frags, com shelly det, occ con gastro, frm-mod hd, mass -blky.

LIMESTONE:wh-lt gry, clcar, micr cmt, tr free crs qtz flt, com or /brn dolaren incl, tr cpxln calc lam, hd, flnty i/p, blky, ti, dl yel min fluor only.

CLAYSTONE:med dk gry-brn gry, v slty g/t arg SLTST, com vf free qtz grns, sli slty, tr crs nod pyr, tr carb spks, sft-sli disp, mass-amorph.

SANDSTONE:clr-trnsl, fros, vf-f, sa-rnd, gd srt, cln, tr nod pyr, rr dk mafic min frags, diss agg, gd por, no fluor.

CLAYSTONE:dk gry, brn gry, sli calc, slty i/p, loc vf qtz grns, tr glauc, tr shlly/foss frags, tr nod pyr, tr lith frag, sft-sli disp, mass-amorph.

SANDSTONE:clr-trnsl, wh, vf-f, ang-sa, gd srt, cln, com nod pyr tr pell glauc, occ dk brn crpxln dol incl, diss agg, gd por, no fluor.

LIMESTONE:lt brn, lt gry brn, clclt, dolmicr cmt, tr vf qtz grns, occ or/brn crptoxln dol incl/lam, mod hd-hd, flnty i/p, blky.

CLAYSTONE:brn gry-gry blk, non-calc, v slty i/p, tr nod pyr, micmic, tr lith frags, sft-sli disp, mass-amorph.

SANDSTONE:clr-trnsl, frstd, med, sa-sr, gd srt, pred cln, tr dk brn dolocalc cmt, tr nod pyr, rr glauc, tr crs mlky qtz float, tr carb spks, disagg, gd por, no fluor.

CLAYSTONE:dk-dsky yell/brn, v sft, disp, stcky, sli calc, tr-rr pyr, tr micmic, tr foss mat, sft-sli disp, mass-amorph.

CLAYSTONE:dk-dsky yell/brn, gry/brn, v sft, disp, stcky, smth, sli slty i/p, non-occ sli calc, rr sli frm-frm, tr shell frags.

CLAYSTONE:gry/brn-dsky brn, dsky yell/brn, pred v sft-sft & disp, occ frm, blky-sbfiss, non calc, smth, non slty, tr micmic, tr f blk carb spks, tr pyr, tr vf foss debris.

SILTSTONE:brnsh gry, pl-mod yell brn, v arg, dol, g/t slty dolo CLYST, v sft-sft, sbblky, sli calc, weath/alt, mott/inter w/ CLYST i/p.

SANDSTONE:lse qtz, med-v crs, pr srt, sa-rnd, elong-sbspher, loc w/ pyr cmt, mod inf por, no fluor.

DOLOMITIC SILTSTONE:pa-med yell/brn, v sft, disp, hygturg, mod calc(dol), v arg, g/t slty dol CLYST, occ g/t sft-frm arg crp-xln dol, sbblky, tr foss mat i/p rr-mnr (loc com) pell glauc, ti no vis por, no show w/- tr min fluor i/p.

Calcimetry stopped at 1360 m

SANDSTONE:uncons qtz grns, crs-v crs, occ med, pr-mod srt, sr-ang, rr cmt SST, v hd, sid & dol cmt, tr-com chrty grns, tr mica, tr pyr, tr shll frags, mod inf por, no fluor.

CLAYSTONE:dk yell brn, brn gry, sli-v slty, micmic, tr lith frag sft, hygturg, mass-amorph.

SANDSTONE:clr-trnsl, wh-lt gry i/p, f-med, sa-sr, mod srt, loc or brn crpxln dolmtc cmt, tr nod pyr, tr crs mlky qtz flt, diss-agg, occ hd aggs, nil-pred gd por, no fluor.

CLAYSTONE:v lt gry, pa yell brn, mod slty, micmic, tr carb spks, tr lith frags, hygturg, mass-amorph.

COAL:blk-blk/brn, sbbit, v slty/arg, dll, brit, blky-sbfiss.

SANDSTONE:clr-trnsl, lt brn, med -v crs, sa-ang, pr-mod srt, tr dol cmt i/p, com lt brn arg mtx, com v crs frac mlky qtz, tr coal frags, tr nod pyr, diss agg, gd por, no fluor.

SILTSTONE:brn gry-dsky yell brn, v arg, micmic, tr carb frags/micro lam, sli aren, tr biotite, tr lith frags, sft-sli disp, mass-amorph.

SILTSTONE:pl-mod yell/brn, arg-v arg, micmic, tr dissem pyr, com musc/bio, tr liths, sli aren, rr -com carb, occ coaly frags & v thn lam/lens, non-occ v sli calc v sft g/t disp, mass-amorph, hyg trd-occ hygfiss.

SANDSTONE:uncons qtz, lt gry, pl yell/brn, crs-v crs, pr-mod srt, trnsl/frstd grns, sa-sr, v elong -sbspher, mnr qtz o/grths, tr chert & lith frags, tr pyr aggs, gd inf por, no fluor. Tr sid cmt aggs, vf-f grnd qtz, sid trnsl hon brn, vpr vis por.

SILTSTONE:pred pl yell/brn, v lt gry, wh, arg-v arg, v sft, disp, g/t slty CLYST i/p, non calc, amorph, hygrotur, tr vf carb spk tr vf pyr, loc micmic.

SANDSTONE:pl yell/brn, lt gry, uncons qtz grns, med-crs, pr-mod srt, elong-sbspher, sa-rnd, trnsp qtz, tr pyr, tr liths, tr shell frags, tr mica, gd inf por fluor.

FLUORESCENCE:1650-1675m tr-2% pp-spty, dim v pl yell fluor, no dir cut, v wk diff pl yell cc, thn pl yell rr.

COAL:blk, brn/blk, dll, frm, blky-occ fiss, fri, ea, lig, g/t carb shale, occ lam w/- SLTST i/p.

SANDSTONE:clr-trnsl, fros, crs-v crs, sa-ang, pr-mod srt, tr dolo calc cmt in hd aggs, tr kaol, com qcrs mlky qtz flt, tr nod pyr, pred diss agg, v gd por, no fluor.

SANDSTONE:clr-trnsl, fros, crs, ang-sa, mod-gd srt, tr dol cmt, tr kaol mtx, tr smky qtz, com coaly frags, diss agg, occ hd dol cmt aggs, pred v gd por, tr dll or min fluor only.

SILTSTONE:lt brn, dsky yell brn, v arg, sli aren, tr carb/coal lam, micmic, tr lith frags, hygtrg, sft-sli disp, mass-amorph.

SANDSTONE:clr-trnsl, fros, lt gry, med-crs, sa-ang, mod srt, pred cln, tr kaol incl, tr smky/mlky qtz, tr fspar, tr limtic, stn qtz, diss agg, gd por, no fluor.

SANDSTONE:clr-trnsl, lt or brn, med-v crs, sa-ang, pr-mod srt, wk dolcalc cmt i/p, tr kaol incl tr coaly frags, tr fspar, tr v crs mlky qtz, diss agg, occ hd cmt aggs, v gd por.
FLUORESCENCE:1810-1830m. tr dll yell ptchy fluor, wk slw cc, dm flm res.

SANDSTONE:clr-trnsl, lt gry, f-v crs, sa-ang, pr srt, loc stng crp/micro-xln dolcalc cmt, tr kaol mtx, tr rock frags, tr fspar, tr v crs mlky qtz, fri-diss agg, occ hd aggs, tr fluor as above.

SILTSTONE:brn gry, dsky yell/brn v arg g/t slty CLYST, micmic, tr carb spks, com bio, occ vf aren incl, sft-frm, mass-blky.

SANDSTONE:clr-trnsl, frstd, lt gry, f, sa-sr, gd srt, wk sil cmt i/p, tr crs mlky qtz float, tr liths, fri-disagg, fr por, no fluor.

COAL:blk, bit, sli arg i/p, sbvit, sbconch frac i/p, brit-hd, blky-sbfiss.

SANDSTONE:clr-trnsl, lt gry, f-med, sa-sr, mod srt, loc str sil cmt, abd kao mtx, com v crs frac mlky qtz, tr carb/coaly frags, tr bio, tr liths, fri-disagg, pr -fr por, no fluor.

SILTSTONE:pred brn/gry, mod-dk yell/brn, mnr pl yell/brn-wh, thn-med interlam, arg, disp, v sft, sbblky-sbfiss, com-abd diss f carb mat, rr-mnr carb/coaly strks & lam, micmic, hygrotur.

SANDSTONE:pred uncons, med-v crs pr srt, pr-mod inf por. 20-30% sil cmt aggs, lt gry med grn, pr -mod srt, elong-sbspher, ang-sa qtz, com qtz o/grths, v hd, wl cmt, mnr slty mtx, tr wh kao mtx tr-rr carb frags, tr felds, tr mica flks, tr red/org liths, nil -vpr vis por, fluor.

FLUORESCENCE:1965-1975 m, tr-5% spty, v dim, dull yell fluor (in cmt SST), no dir cut, v fnt (v wk) pl yell cc, v fnt thn dim pl yell rr.

SHALE:dk-dsky yell/brn, brn/gry, frm-v frm, non disp, sbfiss-fiss non calc, mass-occ f lam, micmic tr-rr (loc com) dissem vf carb mat, some coaly strks i/p.

COAL:brn/blk, blk, dull, frm, sbblky-occ sbfiss, ea i/p, fri, tr amb incl, g/t carb SHALE.

SANDSTONE:v lt gry, wh, uncons qtz grns, f-med, pr-mod srt, sb-elong-sbspher, abd kao mtx, sft, fri, tr felds, tr pyr, tr coaly stks & carb frags, nil-v pr por, no show.

SHALE:dsky yell/brn, sft-frm, sb fiss-fiss, occ sbblky, non-occ sli disp, g/t slty CLYST i/p, mass-occ f lam, interlam w/ wh aren SLTST i/p, micmic, com f carb mat, occ coaly stks & laths

SANDSTONE:uncons qtz, lt gry, pl yell/brn, med-crs & v crs, occ f vpr-pr srt, v elong-sbspher, ang -sr, mnr qtz o/grths, trnsl & trnsp grns, rr kao mtx, mod inf por, no fluor.

SHALE:dsky yell/brn-dk yell/brn, v sft-sft, sbfiss & non disp when frm, gen disp (grads frm SLTST i/p), non calc, com-abd disp org mat, com coaly stks i/p f lam-mass.

Wireline Logs
Drillers depth: 2100 m
Loggers depth: 2099 m
Run #1: PEX-HALS-DSI-HNGS
Run #2: FMS-GR
Run #3: CSAT-GR

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OR-0472 VOL II
TABLE 6

5 cm

GLOBEX Far East — PORE PRESSURE EVALUATION LOG

From (m): 760 | To (m): 2110 | SCALE : 1/ 1000

WELL NAME : BARRAMUNDI-1

GENERAL DATA

Client : GLOBEX FAR EAST
Country : AUSTRALIA
Area : Bass Strait
Basin : Bass Basin
Well Type : Exploration
Rig Name : SEDCO 702

LOCATION

Latitude : 39°39'41.9884"S
Longitude : 145°44'02.9366"S
Northing (m): 5 609 012 m N
Easting (m): 391 412 m E
RT-Seabed (m): 102.5
RT-ISLW (m): 25.9

CASING

30"Conductor (m): 147.0 m
20"Csg Shoe (m):
13 3/8"Shoe (m): 869.1 m
9 5/8" Shoe (m):

FINAL WELL DATA

Spud Date : 24-09-1999
Reached TD on : 02-10-1999
Total Depth (m): 2100.00
TVD (m): 2099.71
Final Status : Plug & Abandon

ABBREVIATIONS

MW MUD DENSITY
FV FUNNEL VISCOSITY
PV PLASTIC VISCOSITY
YP YIELD POINT
CK FILTER CAKE
SOL SOLIDS
WL FILTRATE
SD SAND - %
CL CHLORIDES - mg/l
RM MUD RESISTIVITY
RMF MUD FILTRATE
C CARBIDE TEST
LAT LOGGED AFTER TRIP
DS DEVIATION SURVEY
NB NEW BIT
RR RERUN BIT
CB CORE BIT
WOB WEIGHT ON BIT
RPM REVS PER MINUTE
FC FLOW CHECK
CR CIRCULATE RETURNS
PR POOR RETURNS
NR NO RETURNS
BG BACKGROUND GAS
TG TRIP GAS
STG WIPER TRIP GAS
CG CONNECTION GAS
SG SWAB GAS
SVG SURVEY GAS

LITHOLOGY LEGEND

SST: F-V FINE
SST: MEDIUM
SST: COARSE
SILTSTONE
CLAYSTONE
SHALE
CONGLOM
LIMESTONE
DOLOMITE
COAL
CEMENT
CALCITE CMT
DOL CMT
MICA
CARB FRAG
LITHOCLASTS
PYRITE
GLAUCONITE
LITHOCLASTS
FORAMINIFERA
FOSSILS

ENGINEERING LEGEND

CORE
SWC UNREC
MUD LOSS
DEV SURVEY
SWC
PRESS. ONLY
CASING SHOE
RFT POINTS:
LINER HANGER
W/LINE LOGS
SAMPLE

Trend slopes : a = 0.000216 b = -0.3509563
Comput. method : EATON
Hydro. gradient : 8.60 kg/l
S&K Coefficants : SOFT
aS : 0.01304 bS : -0.17314 cS : 1.43350
aK : 0.26600 bK : -2.66700
CORRECTIONS : Mud Weight Correction
Galle&Woods - Bit Wear
Interpolated Footage Drilled
Generated by ALX Package

574144

OR-0472 VOL II
TABLE 7

5 cm

GLOBEX Far East

DRILLING LOG
BARRAMUNDI-1

From (m) : 760 To : 2110 Scale 1/ 1000