



YOLLA 2 DRILLING

**BORAL ENERGY RESOURCES LIMITED**  
60 Hindmarsh Square Adelaide SA 5000 AUSTRALIA  
GPO Box 2576 Adelaide SA 5001 AUSTRALIA  
Telephone (08) 8235 3737 +61 8 8235 3737  
Facsimile (08) 8223 1851 +61 8 8223 1851

KL617-KLG  
Ref:

Facsimile

To: TDA	Fax: 03 62 338 538
Attn: CAROL BACON	
From: T. WRIGHT	
Date: 9/6/98	Pages (incl this): 3

Carol,  
ASX release, as discussed.

Tony Wright  
Faxed to  
BRIAN  
McBride  
at  
6235 711  
9/6/98

copy on YOLLA 2 PT2



**BORAL ENERGY RESOURCES LIMITED**  
60 Hindmarsh Square Adelaide SA 5000  
GPO Box 2576 Adelaide SA 5001  
Telephone +61 8 8235 3737  
Facsimile +61 8 8223 1851

GXR563-AJW

**Date of Release: 19 May 1998**

**STOCK EXCHANGE RELEASE**

Boral Energy Resources Ltd, a subsidiary of Boral Limited, as Operator of Retention Lease, T/RL1 covering portion of the offshore Bass Basin, Tasmania, advises its weekly report in relation to the Yolla 2 appraisal well.

Evaluation of the well at total depth has confirmed the following:

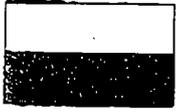
- The top Eastern View Coal Measures ("EVCM") was intersected 27 metres higher than expected. Yolla 2 was not intended to appraise the hydrocarbon column intersected in Yolla 1 at this level but the fact that the well has come in structurally high has increased the reserves expectation for this zone.
- The deeper intra EVCM (Paleocene) reservoirs that were gas bearing in Yolla 1 were intersected downdip of Yolla 1 as intended, but up to 30 metres lower than prognosed.
- The well intersected a 23 metre gross gas bearing sandstone between 2,792.5 and 2,815.5 metres with excellent inferred reservoir properties. Spot (MDT) samples taken in this interval recovered gas, but all other sandstone intervals below this depth were established as water bearing.
- A good correlation of the various intra EVCM sandstone reservoirs has been established between the Yolla 1 and Yolla 2 wells. Measurements taken on core samples indicate excellent reservoir properties with porosities up to 25% and multi darcy permeabilities being recorded. Pressure measurements, however, indicate that field wide gas water contacts are higher than previously inferred, which will reduce the reserves expectation for these reservoirs.
- A detailed assessment of the well results is required to determine the impact on the ultimate recoverable gas reserves of the Yolla field and the implications for future development of this resource.

The Yolla 2 well site is situated about 2.35km south of Yolla 1, 220km south-southeast of Melbourne and 130km north of Burnie, Tasmania.

The drilling of Yolla 2 is being managed by Premier Petroleum (Australia) Ltd on behalf of Boral Energy Resources Ltd.

Additional information is summarised below:

<b>Well name</b>	:	Yolla 2
<b>Spud date</b>	:	2100 hours on 9 April 1998
<b>Lease</b>	:	T/RL1
<b>Water Depth</b>	:	78 metres
<b>Location</b>	:	Lat: 39° 51' 33.82" S Long: 145° 48' 38.53" E
<b>Final Total Depth</b>	:	3,164 metres SS


**BORAL  
ENERGY**

GXR563-AJW

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**Summary of Operations**

Core No. 1 was cut over the interval 3,033 to 3,050.7 metres and recovered 17.7 metres of interbedded sandstone and siltstone. Drilling operations resumed on 14 May and continued to a total depth 3,164 metres. Volcanics were intersected from 3,085 metres to total depth.

Wireline logging, repeat formation testing and sidewall coring operations were carried out over the period 16 May to 19 May.

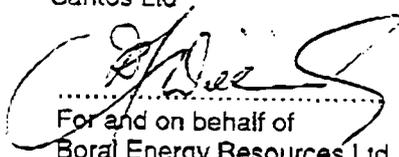
Modular Formation Dynamics Testing (MDT) at 2,815 metres recovered 61 cubic feet of gas (C<sub>1</sub> 66.15%, C<sub>2</sub> 18.6%, C<sub>3</sub> 9.6%, iC<sub>4</sub> 1.8%, nC<sub>4</sub> 3.3%, iC<sub>5</sub> 0.4%, nC<sub>5</sub> 0.15% and CO<sub>2</sub> 4%) and MDT at 2811.8 metres recovered 18.84 cubic feet of gas (C<sub>1</sub> 62.6%, C<sub>2</sub> 23.1%, C<sub>3</sub> 10.2%, iC<sub>4</sub> 1.8%, nC<sub>4</sub> 1.5%, iC<sub>5</sub> 0.6%, nC<sub>5</sub> 0.1% and CO<sub>2</sub> 6-8%)

Abandonment operations are currently in progress.

**Participating Companies**  
(subject to formalisation)

Boral Energy Resources Ltd (and related corporations)	40.5%
Premier Petroleum (Australia) Ltd	40.5%
Galveston Mining Corporation Pty Ltd (a wholly owned subsidiary of Cue Energy Resources NL)	14.0%
Santos Ltd	5.0%

Release Authorised by



For and on behalf of  
Boral Energy Resources Ltd

**Premier Oil****Management Report : Issue date 30.05.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
John Treen	CalEnergy	0011441712081620
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 56	REP. DATE : 29.05.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("):
DEPTH (m):	3,164.00	PROGRESS (m) 0.00	DAYS FROM SPUD 50.13
DAYS +/- CURVE :			
24 hr SUMMARY : L/D 5" DP. Perform rig maintenance while W.O.W.			
STATUS AT 0600 : Recovering anchors.			
PLANNED OP : Recover remaining anchors; move to new location, deploy anchors for White Ibis well.			
<b>COST DATA</b>			
DAILY :	\$169,141	CUM : \$13,589,207	AFE : \$10,108,205
DIFF. AFE-CUM (\$3,481,002)			

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*YOLLA 2 DRILLING**CAB*

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



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# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon

**From:** Gordon Hunter

**Fax:**

**Date:** May 29, 1998

**Phone:**

**Pages:** 4 inc. this one

**Re:** Yolla 2 Daily Drilling Reports

**CC:**

- Urgent**
- For Review**
- Please Comment**
- Please Reply**
- Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 28th May 1998.

Regards

Gordon Hunter

Drilling Superintendent

# Premier Oil

## DAILY DRILLING REPORT # 55

Report Date: 28.05.98

Yolla-2

Well Data		T.D. (m RT) :	3,164.0	CUR. HOLE SIZE ("):		DAILY COST \$ :	\$170,942
COUNTRY	Australia	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$ :	\$13,420,066
FIELD	Bass Basin	DAYS FROM SPUD :	48.13	SHOE TVD (m RT):	853	AFE COST \$ :	\$10,108,205
DRILL CO. :	Northern Offshore	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
RIG :	Northern Explorer III	CURRENT OP @ 0600 : Prepare equipment for next well; secure rig for weather event.					
MUD CO:	Dowell	PLANNED OP. : Recover anchors as possible with weather conditions.					
RT ABOVE MSL (m) :	12.5						
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Positioned & detonated collision severance charge 3.5m below wellhead. Performed seabed survey. Recovered moonpool spider beam. Began anchor recovery. L/D 5" DP.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 28.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:00	1.00	3,164	Continue to search for charge below rig (poor visibility and sonar shadows caused by seals).
01:00	01:30	.50	3,164	Locate charge and follow to seafloor. Attempt to locate 30". During an attempt to grab charge in ROV manipulator - ROV tripped out, by the time it was reset the charge was lost and possibly tangled in umbilical.
01:30	02:00	.50	3,164	Bring ROV to surface to clear umbilical. Check to see if possible to launch mini-ROV to provide a beacon for ROV to find charge - seas in moonpool too rough.
02:00	02:30	.50	3,164	Continue with ROV to attempt to locate charge and wellbore.
02:30	03:30	1.00	3,164	Locate charge and wellbore. Move rig on anchors and stab charge into wellbore 3.5m below seabed. Suspend charge on T-piece.
03:30	04:00	.50	3,164	Bring ROV to surface to clear umbilical. Dive again to observe laying out of 100ft of wire and det cable on seabed - to allow rig to move off location without dragging charge free. Recover ROV.
04:00	04:45	.75	3,164	Move rig off location 180m approx using anchors. Detonate 90lb collision severance charge.
04:45	05:30	.75	3,164	Move rig back onto location using anchors.
05:30	08:30	3.00	3,164	Jump ROV to inspect 30"stump after charge detonated - unable to find 30"Housing or locate the w/bore from sonar display. Attempt to locate moonpool spider beam on seabed - no success. Visibility very poor.
08:30	09:30	1.00	3,164	Pull ROV & ran down to s/bed again to re-ref. position. Double check rig position with Racal position equip. Attempt to locate 30"Housing & w/bore - no success. Finally located moonpool spider beam on seabed.
09:30	09:45	.25	3,164	ROV referenced spider beam on s/bed & tracked back to well position using sonar - unable to visibly locate 30"WH at w/bore. Cuttings mound levelled out due to charge detonation.
09:45	10:00	.25	3,164	Identified w/bore position - lot of disturbance at w/bore. Investigate w/bore & crater. 30"Housing not visible at s/bed as previous. Stump not visible below s/bed. Swept 50m rad. s/bed sonar survey - m/pool spider beam only hard target.
10:00	11:00	1.00	3,164	Moved ROV to spider beam. Ran down to s/bed with hook & sling on DP to fish spider beam from seabed. Moved rig 27m port over spider beam.
11:00	12:15	1.25	3,164	ROV latched onto fishing hook & sling on DP but lost location of spider beam on sonar. Let go of hook & finally managed to re-locate spider beam on seabed 10m away from the DP.
12:15	13:00	.75	3,164	Necessary to move rig 10m aft in order to fish spider beam from seabed. Waited on new Marine Crew to arrive on chopper in order to move rig.
13:00	13:30	.50	3,164	Moved rig 10m aft to position DP & fishing hook over the moonpool spider beam at seabed.
13:30	14:00	.50	3,164	ROV attached fishing hook through shackle on spider beam. Pulled tension on beam & backed off ROV.
14:00	15:30	1.50	3,164	Recovered ROV to surface. Pulled spider beam back to surface. RU & l/out spider beam.

# Premier Oil

## DAILY DRILLING REPORT # 55

Report Date: 28.05.98

Yolla-2

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
15:30	24:00	8.50	3,164	Retrieved #5 & #1 buoys & anchors - intend to leave remaining anchors & buoys until after forecast weather event (minimum expected to be sufficient for anticipated conditions). Concurrently, L/D 5" DP.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 29.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	05:00	5.00	3,164	Continue to L/D 5" DP - 38stds total laid down to meet maximum possible load in derrick permitted for rig move (while providing sufficient DP for next well).
05:00	06:00	1.00	3,164	Prepare PGB for next well while securing rig for forecast weather event.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 28.05.98**

Mud Properties		MUD COST FOR TODAY: \$0				CUMULATIVE MUD COST TO DATE: \$232,608			
Type:	CI PHPA	VISCOSITY( sec / qt):	53	API FLUID LOSS (cm3/30min)	5	Cl - (ppm):	38,000	SOLIDS (%vol):	5.5
ROM:	Active	PV (cps):	14	API FILTER CAKE (32nds Inch)	1	K+ (ppm):	31000	H2O (%vol):	92.0
IME:	21:30	YP (lb/100sq.ft):	26	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0
WEIGHT (ppg):	1.12	GEL 10s/10m/30m (lb/100sqft):	9 13 0	HTHP FILTER CAKE (32nds Inch)	0	MBT (ppb eq):	10.0	SAND:	.3
TEMP (C):	30	FANN 3/6/100	8 10 26			PM:	0.0	PH:	8.5
						PF:	.1	PHPA:	0.0

Anchor Tension (kips)	A1: 30.0	A2: 35.0	A3: 75.0	A4: 45.0	A5: 50.0
	A6: 40.0	A7: 75.0	A8: 0.0	A9:	A10:

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Hell (kltr)	Weather & Rig data @ 24:00 hrs
P Commander	Rig	561		2,076	1,981		810		WIND SP. (kts): 25.0   VISIB.(nm): 10   RIS.TENS: 0
B Tide	Rig	237		2,352	553				WIND DIR (deg): 310   CEILING (m): 2,000   HEAVE (m): 1.5
									PRES.(mbars): 1018   WAVES (m): 2.0   ROLL (deg): 1.5
									AIR TEMP (C): 15.0   SWELL (m): 300.0   PITCH (deg): 1.0

COMMENTS: Anchors 1, 5, & 8 lifted; 2, 3, 4, 6 & 7 pigged. 18 PAX on rig, 18 PAX off rig. Commander & Brute Tide at rig.

Bulk Stocks	Used / In Stock						
DRILL WATER (bbl): 0	2,096	FUEL (bbl): 6	1,225	GEL (sx): 0	475	HELI-FUEL (kltr): 0.5	9.5
POT WATER (bbl): 0	1,668	BARITE (sx): 0	6,173	CEMENT (sx): 0	4,928		

**Drills, Permits & Inspections**

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	29/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	31	#PTW	ongoing
				Safety Meeting	23/5/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8"			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs					Slow Pump Data					
#	TYPE	LNTR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	7.00		97						
2	Nat. 12-P.	7.00		97						

# Premier Oil

## DAILY DRILLING REPORT # 55

Report Date: 28.05.98

Yolla-2

Personnel : on Site = 91			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Stirret	Premier	4
N. Drig Supervisor	Dubravic	Northern	72
		Dowell Schlum Cement	2
		Asiatic ROV	5
		Dowell Schlum Mud	1
Northern Explorer P	Cox & Ruddleston	Austoll - Casing cutting	1
		Rig Positioning	3
		Undersea ROV	2
		Fish Tools	1

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift	2,575		1.00							A/drift
Magnetic Declination :	12.60	2,660		2.00							A/drift
Survey method :	Min Curvature	2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift
		3,061		2.50							A/drift
		3,147		2.20	54.5	67.1					EMS
		3,150		2.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

**Fax:** **Date:** May 29, 1998

**Phone:** **Pages:** 18 inc. this one

**Re:** Yolla 2 Daily Drilling Reports **CC:**

- Urgent
- For Review
- Please Comment
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**•Comments:**

Please find attached the Daily Drilling reports from 23rd May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

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## Premier Oil

## DAILY DRILLING REPORT # 54

Report Date: 27.05.98

Yolla-2

Well Data		T.D. (m RT) :		CUR. HOLE SIZE (") :		DAILY COST \$ :	
COUNTRY	Australia	3,164.0				\$188,236	
FIELD	Bass Basin	PROGRESS (m):	0.0	CSG OD (") :	13.38	CUM COST \$ :	\$13,249,125
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	48.13	SHOE TVD (m RT):	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
MUD CO:	Dowell	CURRENT OP @ 0600 : Jump ROV to observe 30" stump after charge detonated.					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Retrieve 30" housing.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

## Summary of period 00:00 to 24:00 hrs:

Locate charge in wellhead. Move 180m off location, detonate charge. Move back to location. RIH with CART attempt to pull w/head -pull 20" stub & 18 3/4" housing. RIH & attach sling round PGB - pull to surface. Inspect 30" stump with ROV

## Formation Tops - This report only

FORMATION	TOP(mBRT)

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 27.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:15	.25	3,164	Stab charge into wellhead and suspend charge from T-piece which sits on top of wellhead profile.
00:15	00:30	.25	3,164	Shackel pod line with det cable to guide line #1. Recover mini-ROV.
00:30	05:45	5.25	3,164	Continue to retrieve anchor #8, Pull up anchor buoy#1, piggyback #1 and drag and redeploy #1 primary with anchor buoy. Use anchor winches to pull 180m (590ft) off location.
05:45	06:00	.25	3,164	Prepare to detonate collision severance charge suspended in wellhead.
06:00	06:15	.25	3,164	Activated & detonated collision severance charge to cut WH.
06:15	07:30	1.25	3,164	Moved rig back over location.
07:30	08:15	.75	3,164	Jumped ROV to inspect WH - observed WH standing vertical as previous with no obvious damage.
08:15	08:30	.25	3,164	ROV reported alarm due to pod flooding. Aborted dive & pulled ROV to surface for troubleshoot. In meantime prepared to attempt to pull WH/PGB free with guidewires.
08:30	08:45	.25	3,164	ROV found water leak in pod - repairing same.
08:45	09:30	.75	3,164	Attempted to pull WH/PGB free with guidewires - no success. Guidepost #1 pulled free from PGB. Recovered #1 guidepost to surface. Recovered tangled rig pod line c/w firing cable, firing head & mangled "T" bar.
09:30	11:00	1.50	3,164	Jumped ROV to seabed. MU 18 3/4" CART & ran down to WH on HWDP.
11:00	12:15	1.25	3,164	Moved rig/drillstring over WH. Stabbed & latched CART into 18 3/4"WH with 5RH turns manipulating CART position over WH with tuggers in moonpool.
12:15	13:30	1.25	3,164	Attempted to pull WH/cut csg free - observed cut 18 3/4"WH pull free from 30"Housing with 200K o/pull. Pulled 18 3/4" WH to surface.
13:30	16:30	3.00	3,164	RU & broke out CART from 18 3/4" WH & l/out WH & CART. Obsv'd WH severed with charge but lock ring stripped off the WH. ROV confirmed that WH lock ring was still in place inside the 30" Housing. Obsv'd PGB moved up +/-0.75m.
16:30	18:00	1.50	3,164	RU inverted DP elevators c/w wire rope slings on DP to fish PGB & 30"Housing. Ran fishing assy down to PGB.
18:00	18:30	.50	3,164	ROV looped slings onto PGB frame.
18:30	19:30	1.00	3,164	PU wt with compensator. Pulled PGB/30"Housing free with 20K o/pull (lost visibility when assy picked up from seabed). Pulled back to surface. Obsv'd only PGB recovered, 30"Housing still at seabed.
19:30	20:00	.50	3,164	Landed PGB on moonpool cart. & removed slings & DP. Obsv'd PGB cracked/split & buckled allowing PGB to pull over 30"Housing. ROV confirmed 30"Housing still in place at seabed once visibility cleared.
20:00	20:15	.25	3,164	ROV inspected around 30"Housing for damage/signs of 30" being cut - concluded 30" not cut.
20:15	23:45	3.50	3,164	RU 90lb collision severance charge. Suspend charge 30m below rig and bring up ROV to surface to locate charge.
23:45	24:00	.25	3,164	Search for charge below rig (poor visibility and sonar shadows caused by seals).

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 28.05.98

# Premier Oil

## DAILY DRILLING REPORT # 54

Report Date: 27.05.98

Yolla-2

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:00	1.00	3,164	Continue to search for charge below rig (poor visibility and sonar shadows caused by seals).
01:00	01:30	.50	3,164	Locate charge and follow to seafloor. Attempt to locate 30". During an attempt to grab charge in ROV manipulator - ROV tripped out, by the time it was reset the charge was lost and possibly tangled in umbilical.
01:30	02:00	.50	3,164	Bring ROV to surface to clear umbilical. Check to see if possible to launch mini-ROV to provide a beacon for ROV to find charge - seas in moonpool to rough.
02:00	02:30	.50	3,164	Continue with ROV to attempt to locate charge and wellbore.
02:30	03:30	1.00	3,164	Locate charge and wellbore. Move rig on anchors and stab charge into wellbore. Suspend charge on T-piece.
03:30	04:00	.50	3,164	Bring ROV to surface to clear umbilical. Dive again to observe laying out of 100ft of wire and det cable on seabed - to allow rig to move off location without dragging charge free. Recover ROV.
04:00	04:45	.75	3,164	Move rig off location 180m approx using anchors. Detonate 90lb collision severance charge.
04:45	05:30	.75	3,164	Move rig back onto location using anchors.
05:30	06:00	.50	3,164	Jump ROV to inspect 30" stump after cutting charge detonated.

### ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 27.05.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Several times during critical moments of the dive with the ROV when trying to manipulate the charge towards the wellbore, the ROV tripped out. causing the ROV to fly on its last command until its is reset. This usually means the ROV flies in circles potentially tangling its umilical. Time is lost due to the necessity of clearing the umbilical and the relocating the bomb and wellhead in very poor visibility.	Systems check of ROV asap.

Mud Properties	MUD COST FOR TODAY: \$0	CUMULATIVE MUD COST TO DATE: \$0
Type :	VISCOSITY( sec / qt): 0	API FLUID LOSS (cm3/30min) 0
FROM :	PV (cps): 0	API FILTER CAKE (32nds inch) 0
TIME :	YP (lb/100sq.ft): 0	HTHP FLUID LOSS (cm3/30min) 0
WEIGHT (ppg): 0.00	GEL 10s/10m/30m (lb/100sqft): 0 0 0	HTHP FILTER CAKE (32nds inch) 0
TEMP (C): 0	FANN 3/6/100 0 0 0	CI - (ppm): 0
		K+ (ppm): 0
		HARD/Ca (ppm): 0
		MBT (ppb eq): 0.0
		PM: 0.0
		PF: 0.0
		SOLIDS (%vol):
		H2O (%vol): 0.0
		OIL (%vol): 0
		SAND:
		PH: 0.0
		PHPA: 0.0

Anchor Tension (kips)	A1 : 30.0	A2 : 35.0	A3 : 75.0	A4 : 45.0	A5 : 50.0
	A6 : 40.0	A7 : 75.0	A8 : 0.0	A9 :	A10 :

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbt)	P/wtr (bbt)	Cmt (sx)	Bent (sx)	Heli (kltr)	Weather & Rig data @ 24:00 hrs
P Commander	Rig	561		2,077	2,014		810		WIND SP. (kts): 30.0
B Tide	Geelon	197		2,354	528				WIND DIR (deg): 300
									Ceiling (m): 2,000
									PRES.(mbars): 1020
									WAVES (m): 2.0
									AIR TEMP (C): 15.0
									SWELL (m): 3.5
									VDL (kips): 282.0
									RIS.TENS: 0
									HEAVE (m): 1.0
									ROLL (deg): 1.2
									PITCH (deg): 1.0

COMMENTS : Anchor 8 lifted, 1 single, 2-7 piggied.6 PAX on rig,0 PAX off rig. Commander at rig & Brute Tide en route rig.

Bulk Stocks	Used / In Stock			
DRILL WATER (bbt) : 145	2,096	FUEL (bbt) : 8	1,231	GEL (sx) : 0
POT WATER (bbt) : 0	1,668	BARITE (sx) : 0	6,173	CEMENT (sx) : 0
				4,928
				HELI-FUEL (kltr) : 0.1
				10.1

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	30	#PTW	ongoing
				Safety Meeting	23/5/98

# Premier Oil

## DAILY DRILLING REPORT # 54

Report Date: 27.05.98

Yolla-2

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8"			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs						Slow Pump Data				
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	7.00		97						
2	Nat. 12-P.	7.00		97						

Personnel : on Site = 91			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Stirret	Premier	5
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
		Asiatic ROV	5
		Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Ruddleston	Austoil - Casing cutting	2
		Rig Positioning	3
		Undersea ROV	2
		QMT	1

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	EW (m)	TOOL TYPE
Last Tool Type : A/drift	2,575		1.00							A/drift
Magnetic Declination : 12.60	2,660		2.00							A/drift
Survey method : Min Curvature	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift
	3,061		2.50							A/drift
	3,147		2.20	54.5	67.1					EMS
	3,150		2.00							A/drift

**Premier Oil**

**DAILY DRILLING REPORT # 53**

Report Date: 26.05.98

Yolla-2

<b>Well Data</b>						
COUNTRY	Australia	T.D. (m RT):	3,164.0	CUR. HOLE SIZE ("):		DAILY COST \$:
FIELD	Bass Basin	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$:
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	47.13	SHOE TVD (m RT):	853	AFE COST \$:
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:
MUD CO:	Dowell					P&A
RT ABOVE MSL (m):	12.5	CURRENT OP @ 0600: Moved 180m (590ft) off location. Preparing to detonate cutting charge.				
WATER DEPTH @MSL (m):	81.5	PLANNED OP.: Cut w/head. Move back over location. Jump ROV and observe w/head.				
RT TO SEABED (m):	94.0	Retrieve w/head. Move 27m over to spider beam, fish spider beam.				

**Summary of period 00:00 to 24:00 hrs:**

RIH with casing cutting package, difficulties encountered landing out unable to rotate. POOH and observe lower 1.5m of cutting assembly sheared off. RIH with mill and tag 'fish'. POOH. M/U collision severance charge. R/U mini-ROV

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 26.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:00	1.00	3,164	Re-dressed csg Cutter to re-cut 13 3/8" csg. Installed 26" stop ring. M/U BHA with 8" collars and bumper sub. RIH - guide tool in with ROV.
01:00	01:30	.50	3,164	Cutting tool standing up 2m from landing the stop ring. Attempt to rotate into hole - erratic torque( 5k -16k ft-lbs) at >10rpm. Under 10rpm able to land stop ring but as soon as increase rpm - string stalls.
01:30	02:30	1.00	3,164	Pull back until pipe free (free rot torq 3kft-lbs). Slide back land stop ring. Attempt to rotate - no success( TDS stalled > 16k ft-lbs torque ). Work either rotation or slide with no progress. Still unable to rotate when stop ring landed.
02:30	02:45	.25	3,164	Pull tool above wellhead and inspect with ROV. All tool joints and the 11 3/4" cutting assembly have had the paint scraped off.
02:45	04:00	1.25	3,164	Continue to attempt to rotate into hole - erratic torque( TDS stalled at > 18k ft-lbs) no progress. Slide tool in and land out stop ring. Attempt to rotate - no success. Repeat sliding or rotating - with no success.
04:00	05:30	1.50	3,164	POOH with cutting assembly. Observe 11 3/4" body below knives sheared off ( 1.5m) and only one knife, also sheared/worn remaining. Lay out tools.
05:30	06:00	.50	3,164	Assess situation while servicing TDS/swivel. ROV reported gyro failure and consequent tangling/damage to umbilical. Pulled ROV to surface.
06:00	07:00	1.00	3,164	Repaired Universal Guide frame - straightened arms.
07:00	07:45	.75	3,164	MU 12 1/4" Flat Bottomed Mill assy & ran down to WH.
07:45	09:30	1.75	3,164	Entered WH blind with 12 1/4" Mill. Ran into WH & stood up on top of fish @ 95. 94m BRT (4.64m below WH). Set down 20K - no movement. Discussed situation & operations with Premier Oil, Geelong.
09:30	10:15	.75	3,164	Pulled 12 1/4" Mill back to RT & l/out mill.
10:15	19:15	9.00	3,164	Changed out leaking washpipe packing & changed out TDS leaking IBOP while waiting for ROV repairs, Mini-ROV to arrive on rig & answer from Northern re: safe distance to move rig off location in order to use explosives on WH.
19:15	21:30	2.25	3,164	Make up 90lb collision severance charge for cutting wellhead. P. Commander start retrieving anchor #8 to allow the rig to move off location the required 115m (375ft).
21:30	23:15	1.75	3,164	Rig up mini-ROV in moonpool area.
23:15	23:45	.50	3,164	Run in with charge observing with mini-ROV.
23:45	24:00	.25	3,164	Suspend charge while adjusting rig position with anchor winches in order to stab charge into w/head.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 00.00.0000**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 26.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
ROV located moonpool beam on seabed 27m away from Wellhead.	Fabricate hook & sling for recovery of beam on DP.

# Premier Oil

## DAILY DRILLING REPORT # 53

Report Date: 26.05.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Observed #8 Anchor Buoy missing - possibly sunk.	Retrieved with grapple.

Mud Properties		MUD COST FOR TODAY: \$0	CUMULATIVE MUD COST TO DATE: \$0					
Type :	VISCOSITY( sec / qt ):	0	API FLUID LOSS (cm3/30min)	0	Cl - (ppm) :	0	SOLIDS (%vol) :	
FROM :	PV (cps) :	0	API FILTER CAKE (32nds inch)	0	K+ (ppm) :	0	H2O (%vol) :	0.0
TIME :	YP (lb/100sq.ft):	0	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	0	OIL (%vol) :	0
WEIGHT (ppg):	GEL 10s/10m/30m (lb/100sqft) :	0 0 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	0.0	SAND :	
TEMP (C) :	FANN 3/6/100	0 0 0			PM:	0.0	PH :	0.0
					PF:	0.0	PHPA :	0.0

Anchor Tension (kips)	A1 : 60.0	A2 : 60.0	A3 : 70.0	A4 : 80.0	A5 : 110.0
	A6 : 60.0	A7 : 90.0	A8 : 70.0	A9 :	A10 :

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	Weather & Rig data @ 24:00 hrs					
Commander	Rig	566		2,077	2,045		810		WIND SP. (kts) :	15.0	VISIB.(nm) :	10	VDL (kips):	282.0
Brute Tide	Geelong	197		2,354	528				WIND DIR (deg) :	340	CEILING (m) :	2,500	RIS.TENS:	0
									PRES.(mbars):	1025	WAVES (m) :	1.5	HEAVE (m) :	1.5
									AIR TEMP (C) :	13.0	SWELL (m) :	.7	ROLL (deg) :	1.0
													PITCH (deg) :	0.6

COMMENTS : All anchors piggied.11 PAX on rig,10 PAX off rig. Commander at rig & Brute Tide en route Geelong.

Bulk Stocks	Used / In Stock						
DRILL WATER (bbl) :	57 2,240	FUEL (bbl) :	10 1,239	GEL (sx) :	0 475	HELI-FUEL (kltr) :	0.0 10.2
POT WATER (bbl) :	0 1,504	BARITE (sx) :	0 6,173	CEMENT (sx) :	0 4,928		

### Drills, Permits & Inspections

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	30	#PTW	ongoing
				Safety Meeting	23/5/98

### Casing

CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)
13.3/8 "			853	853

TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x Jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

### Pump Data

Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	7.00		97						
2	Nat. 12-P.	7.00		97						

### Personnel : on Site = 85

JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Stirret	Premier	4
N. Drig Supervisor	Harrison	Northern	68
		Dowell Schlum Cement	2
		Asiatic ROV	3
		Dowell Schlum Mud	1
Northern Explorer P	McLeod & Ruddleston	Austoil - Casing cutting	2
		Rig Positioning	3
		Undersea ROV	2

# Premier Oil

## DAILY DRILLING REPORT # 53

Report Date: 26.05.98

Yolla-2

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drift										A/drift
Magnetic Declination : 12.60	2,575		1.00							A/drift
Survey method : Min Curvature	2,660		2.00							A/drift
	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift
	3,061		2.50							A/drift
	3,147		2.20	54.5	67.1					EMS
	3,150		2.00							A/drift

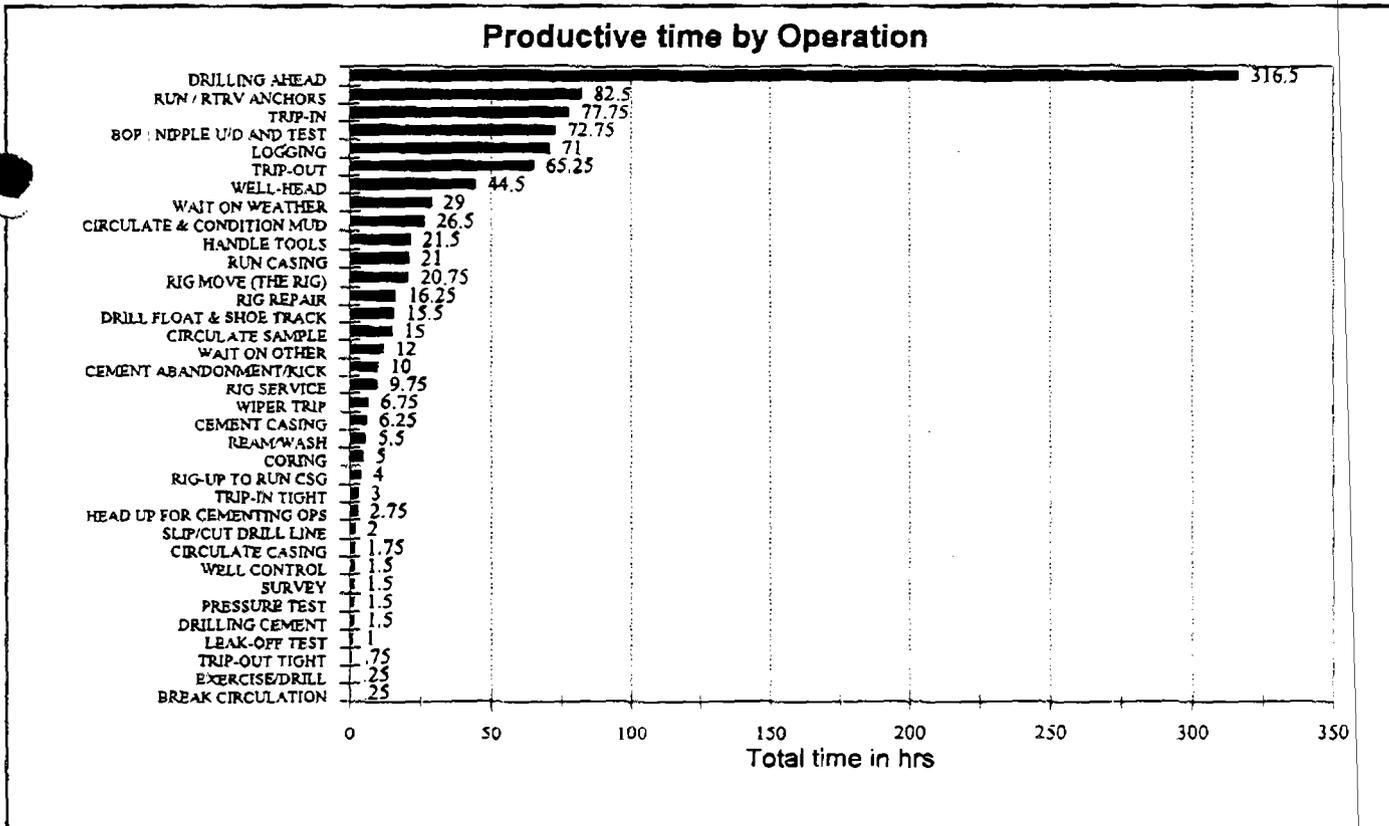
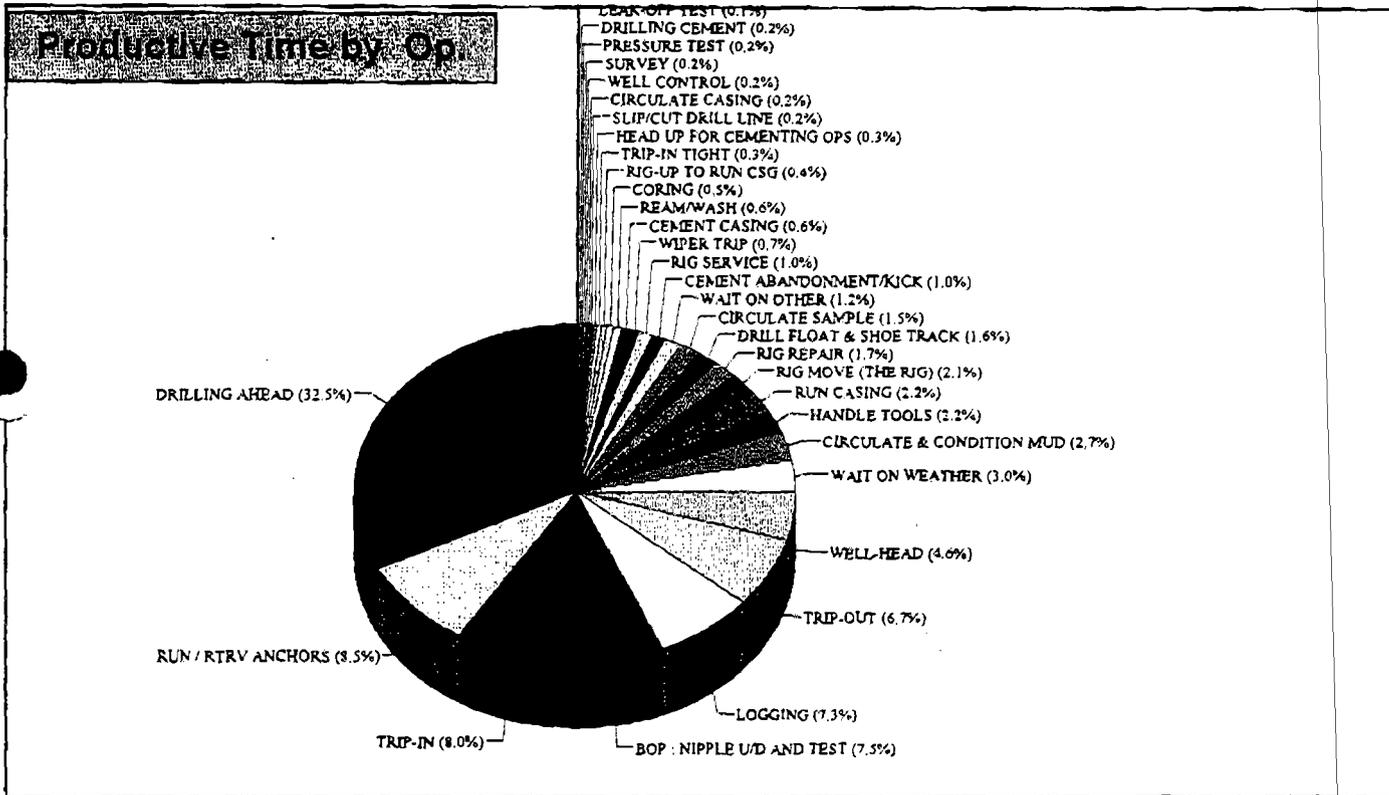
# Premier Oil

## DAILY DRILLING REPORT # 53

Report Date: 26.05.98

Yolla-2

Total move time (hrs)	0.00	Total prod. time since spud (hrs)	972.75
Total time on well	1,240.25	Total Trouble time since spud (hrs)	267.50
		% Trouble time	21.57

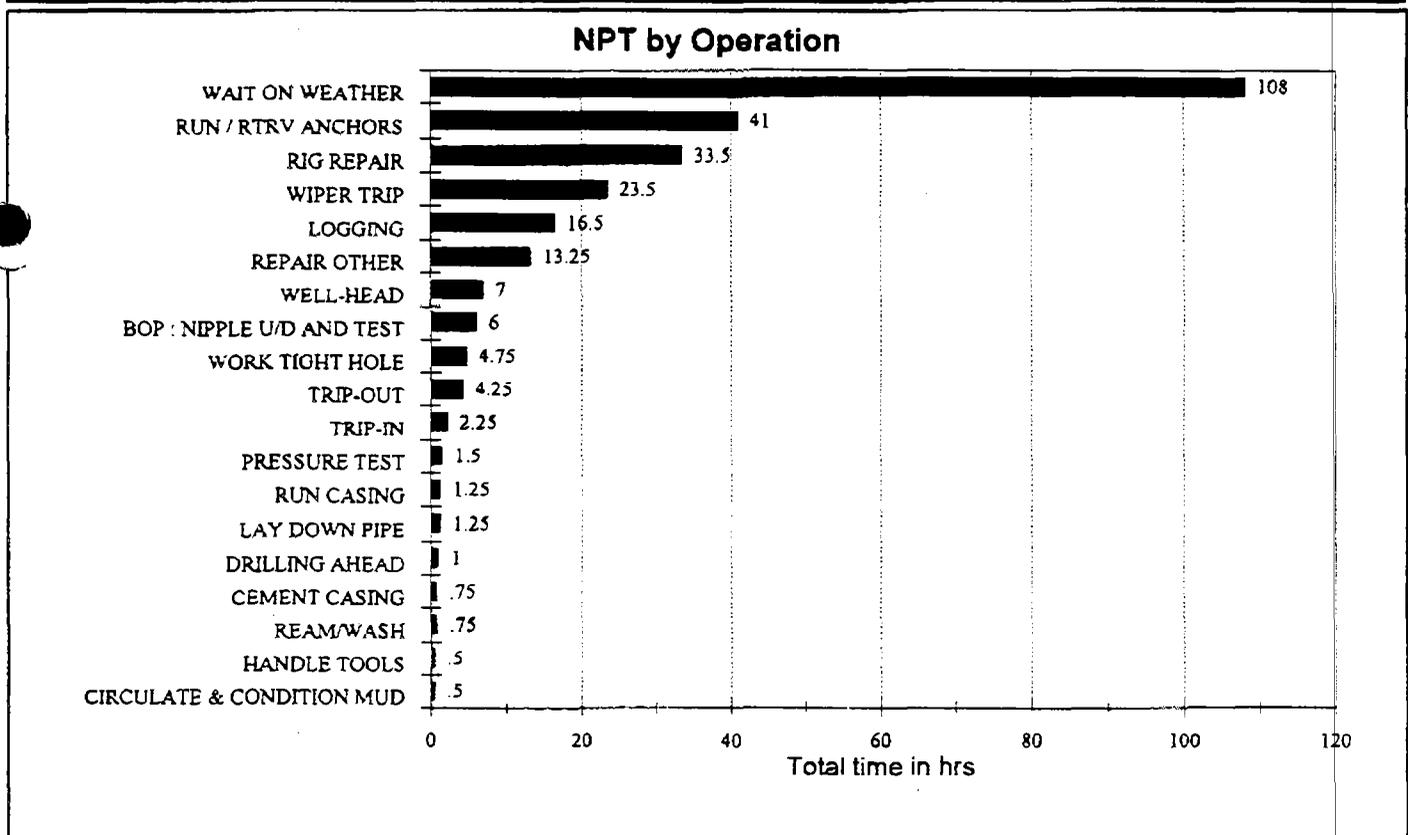
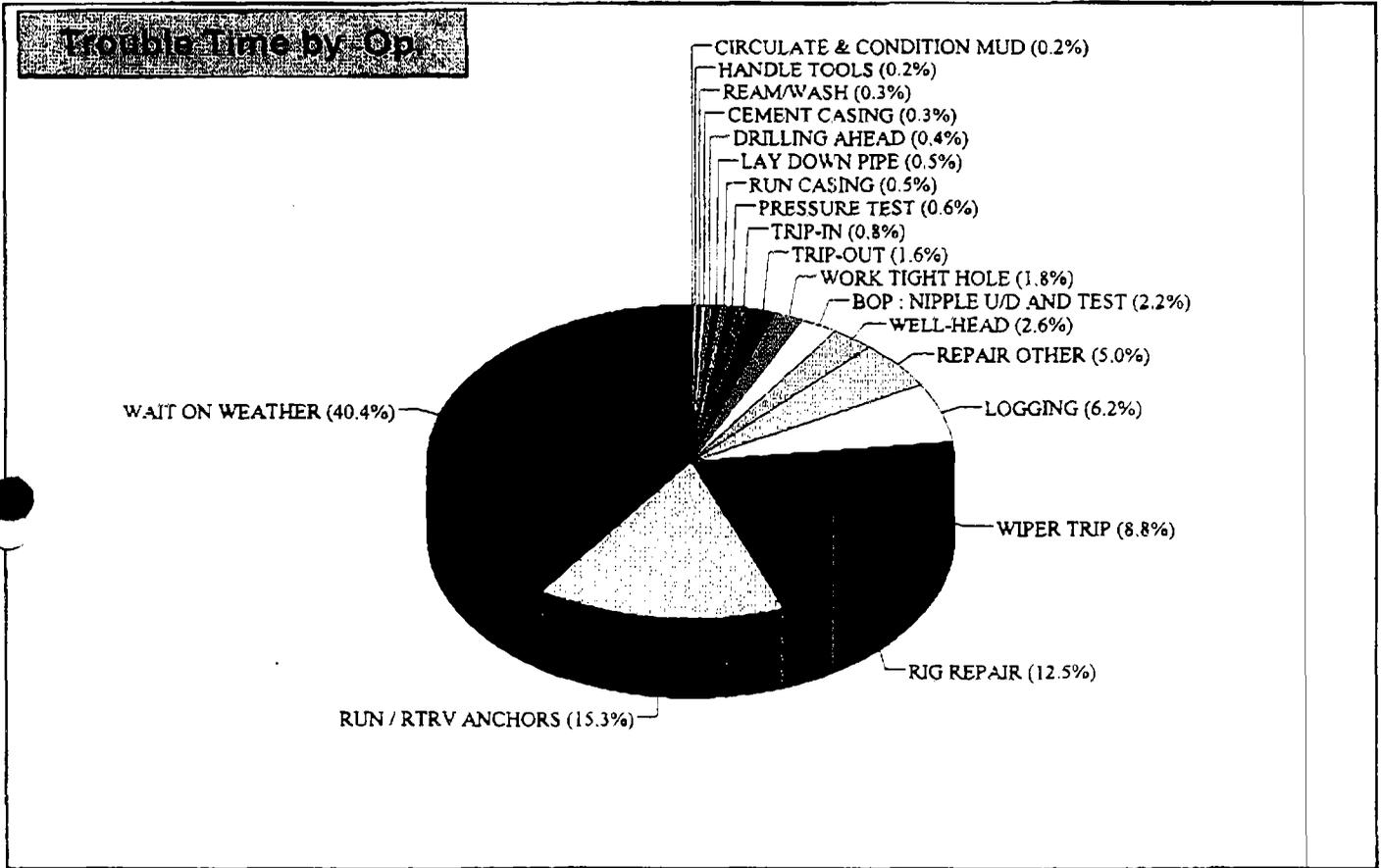


# Premier Oil

DAILY DRILLING REPORT # 53

Report Date: 26.05.98

Yolla-2





# Premier Oil

## DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2

Well Data		T.D. (m RT):	3,164.0	CUR. HOLE SIZE ("):		DAILY COST \$:	\$267,529
COUNTRY	Australia	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$:	\$12,874,844
FIELD	Bass Basin	DAYS FROM SPUD:	46.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: M/U 12 1/4" mill.					
MUD CO:	Dowell	PLANNED OP.: RIH with 12 1/4" mill and tag fish to establish max depth for explosive cutter.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

WOW. ROV-inspect WH. Run & latch CART in WH-attempt to pull WH(no success) Ran cutter assy. Attempt to cut 30" csg.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 25.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:30	2.50	3,164	Cont WOW. Pick up lower casing cutting assembly and change out knives and function test. Pack marine swivel with grease and fix stop ring onto cutting assembly. M/U C.A.R.T. and fix guide frame on below rotary table
02:30	07:15	4.75	3,164	Cont WOW. Wait to jump ROV to inspect wellhead for debris and guide CART into wellhead.
07:30	08:15	.75	3,164	Weather & sea conditions continually improving. Jumped ROV to inspect WH & identify whereabouts of moonpool beam on seabed.
08:15	08:30	.25	3,164	ROV inspected lock pins on guide posts #1 & 3 secure. Unable to locate moonpool beam on seabed.
08:30	09:00	.50	3,164	Ran CART on HWDP down to WH. Attempted to enter WH with CART - Cart sitting at an angle in WH & not fully entering. ROV observed slight lateral movement of the WH/PGB.
09:00	09:30	.50	3,164	RU tigger around drillstring in moonpool. Pulled drillstring over to stbd/aft in order to enter WH with CART. Observed slight lateral movement of WH/PGB when drillstring pulled over. Latched WH with CART with 2 1/2LH turns.
09:30	10:00	.50	3,164	Commenced pumping at 635gpm. Commenced pulling on WH/cut csg with 650Klbs max o/pull - no movement observed, unable to pull WH & cut csg free.
10:00	10:45	.75	3,164	Backed out CART from WH with 2 1/2RH turns & pulled back to RT. L/out CART.
10:45	13:15	2.50	3,164	MU 30" csg cutting assy c/w DC's, Bumper Sub & Universal Guide. Ran down to WH on HWDP.
13:15	13:30	.25	3,164	Worked cutter & swivel assy into WH - indications of junk preventing entry. Landed out with swivel & closed Bumper Sub to mid stroke.
13:30	13:45	.25	3,164	With cutter blades on depth, attempted to rotate without pumping with cutter blades closed - no success with 18K ft-lbs, string stalling possibly on junk or ripped csg. Rotated & worked cutter up/down to establish rotation.
13:45	14:45	1.00	3,164	Positioned cutters on depth with swivel bottomed out. Commenced cutting 30" Cond with 80rpm, 5-18K ft-lbs, 290gpm, 700psi - obs'd WH rocking while cutting, string jamming & stalling out continuously. Obs'd PGB turn fractionally.
14:45	15:45	1.00	3,164	Unable to make further cut - string continuously stalling with 18K ft-lbs. Pulled cutter assy back to RT - observed stop ring sheared free & hanging loose & 1 x cutter blade sheared off. L/out cutter assy.
15:45	17:00	1.25	3,164	MU CART & ran down to WH on HWDP. Entered WH & latched CART with 4 1/2LH turns.
17:00	17:30	.50	3,164	Commenced attempting to pull WH/cut csg free - no success with repeated 650K lbs o/pulls.
17:30	18:45	1.25	3,164	Backed out CART from WH with 4 1/2RH turns & pulled CART back to RT. L/out CART.
18:45	24:00	5.25	3,164	Re-dressed csg Cutter to re-cut 13 3/8" csg. Spaced out assy.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 26.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:00	1.00	3,164	Re-dressed csg Cutter to re-cut 13 3/8" csg. Installed 26" stop ring. M/U BHA with 8" collars and bumper sub. RIH - guide tool in with ROV.

# Premier Oil

## DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
01:00	01:30	.50	3,164	Cutting tool standing up 2m from landing the stop ring. Attempt to rotate into hole - erratic torque( 5k -16k ft-lbs) at >10rpm. Under 10rpm able to land stop ring but as soon as increase rpm - string stalls.
01:30	02:30	1.00	3,164	Pull back until pipe free (free rot torq 3kft-lbs). Slide back land stop ring. Attempt to rotate - no success( TDS stalled > 16k ft-lbs torque ). Work either rotation or slide with no progress. Still unable to rotate when stop ring landed.
02:30	02:45	.25	3,164	Pull tool above wellhead and inspect with ROV. All tool joints and the 11 3/4" cutting assembly have had the paint scraped off.
02:45	04:00	1.25	3,164	Continue to attempt to rotate into hole - erratic torque( TDS stalled at > 18k ft-lbs) no progress. Slide tool in and land out stop ring. Attempt to rotate - no success. Repeat sliding or rotating - with no success.
04:00	05:30	1.50	3,164	POOH with cutting assembly. Observe 11 3/4" body below knives sheared off ( 1.5m) and only one knife, also sheared/worn remaining. Lay out tools.
05:30	06:00	.50	3,164	Assess situation while servicing TDS/swivel. ROV reported gyro failure and consequent tangling/damage to umbilical. Pulled ROV to surface.

### ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 25.05.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Washpipe packing leaking with low pressure.  TDS IBOP does not pressure test. Cutting tools spaced out for cutting at 98m BRT - this is 4m below the seabed in the 13 3/8" casing. On retrieval of ROV, Gyro failed and ROV tangled itself in its umbilical. As a result the gyro needs changing and the umbilical needs re-terminating, approximately 12 hours work.	Needs to be changed out during rig move/anchor handling. Change out IBOP during rig move/anchor handling.

Mud Properties		MUD COST FOR TODAY: \$0				CUMULATIVE MUD COST TO DATE: \$0			
Type :	VISCOSITY( sec / qt ):	0	API FLUID LOSS (cm3/30min)	0	Cl - (ppm) :	0	SOLIDS (%vol) :		
FROM :	PV (cps) :	0	API FILTER CAKE (32nds inch)	0	K+ (ppm) :	0	H2O (%vol) :	0.0	
TIME :	YP (lb/100sq.ft):	0	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	0	OIL (%vol) :	0	
WEIGHT (ppg):	GEL 10s/10m/30m (lb/100sqft) :	0 0 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	0.0	SAND :		
TEMP (C) :	FANN 3/6/100	0 0 0			PM:	0.0	PH :	0.0	
					PF:	0.0	PHPA :	0.0	

Anchor Tension (kips)	A1 : 75.0	A2 : 70.0	A3 : 70.0	A4 : 80.0	A5 : 85.0
	A6 : 60.0	A7 : 95.0	A8 : 70.0	A9 :	A10 :

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbt)	P/wtr (bbt)	Cmt (sx)	Bent (sx)	Heli (kltr)	Weather & Rig data @ 24:00 hrs		
P Commander	Geelon	592		2,202	1,762		810		WIND SP. (kts) : 25.0	VISIB.(nm) : 10	VDL (kips) : 149.0
B Tide	Rig	197		2,354	528				WIND Dir (deg) : 180	CEILING (m) : 2,500	RIS.TENS: 0
									PRES.(mbara) : 1025	WAVES (m) : 2.8	HEAVE (m) : 0.5
									AIR TEMP (C) : 12.5	SWELL (m) : .7	ROLL (deg) : 0.8
											PITCH (deg) : 1.0

COMMENTS : All anchors piggied. 0 PAX on rig, 0 PAX off rig. Commander en route rig & Brute Tide at rig.

Bulk Stocks	Used / In Stock	Used / In Stock	Used / In Stock	Used / In Stock
DRILL WATER (bbt) :	0 2,297	FUEL (bbt) : 11 1,249	GEL (sx) : 0 475	HELI-FUEL (kltr) : 0.0 10.6
POT WATER (bbt) :	0 1,397	BARITE (sx) : 0 6,173	CEMENT (sx) : 0 4,928	

### Drills, Permits & Inspections

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	28	#PTW	ongoing
				Safety Meeting	23/5/98

# Premier Oil

## DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
Casing Details					
TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	7.00		97						
2	Nat. 12-P.	7.00		97						

Personnel : on Site = 84			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Stirret	Premier	4
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
		Asiatic ROV	3
		Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Ruddleston	Tasman - Casing cutting	1
		Rig Positioning	3

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	"V" SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift	2,575		1.00							A/drift
Magnetic Declination :	12.60	2,660		2.00							A/drift
Survey method :	Min Curvature	2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift
		3,061		2.50							A/drift
		3,147		2.20	54.5	67.1					EMS
		3,150		2.00							A/drift

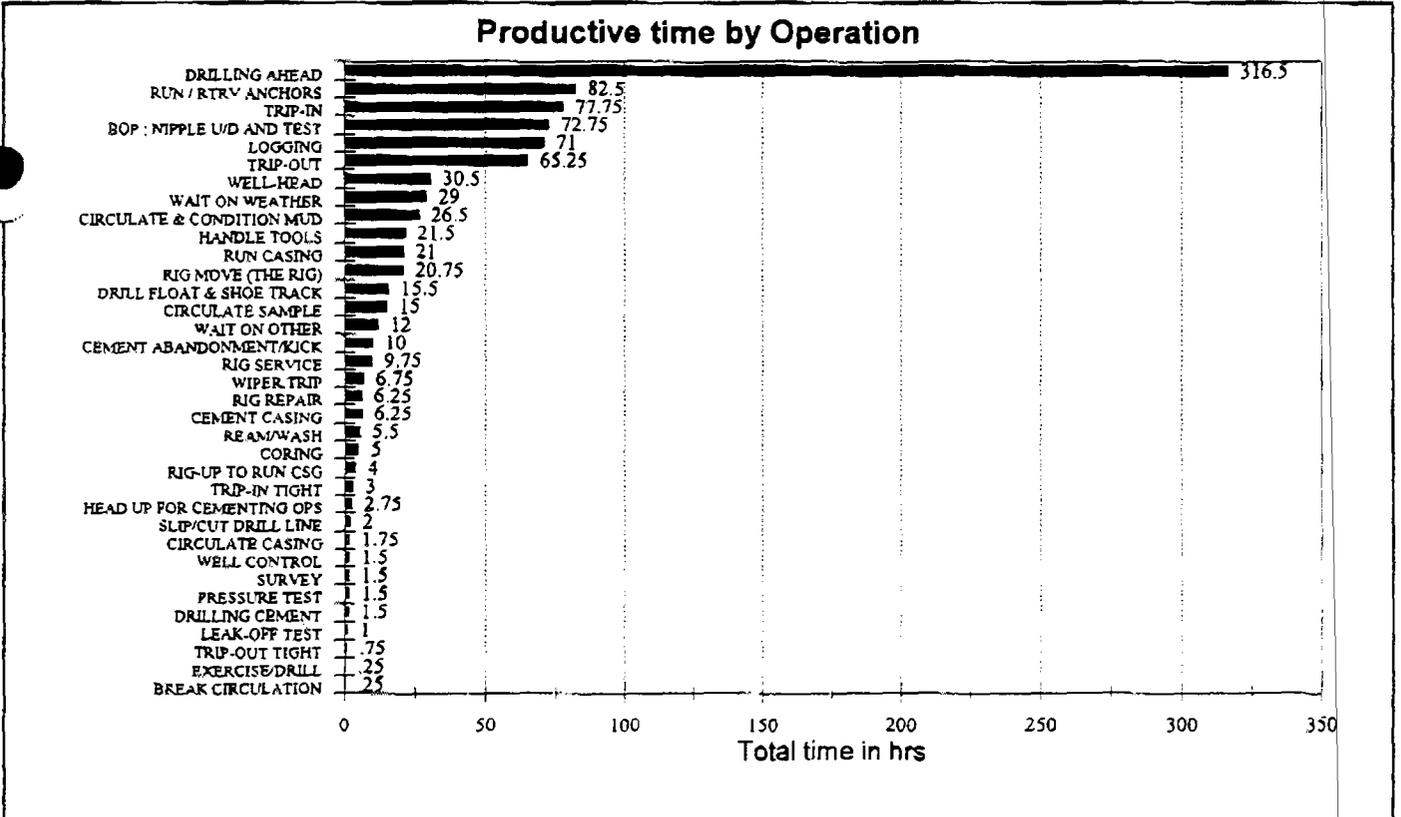
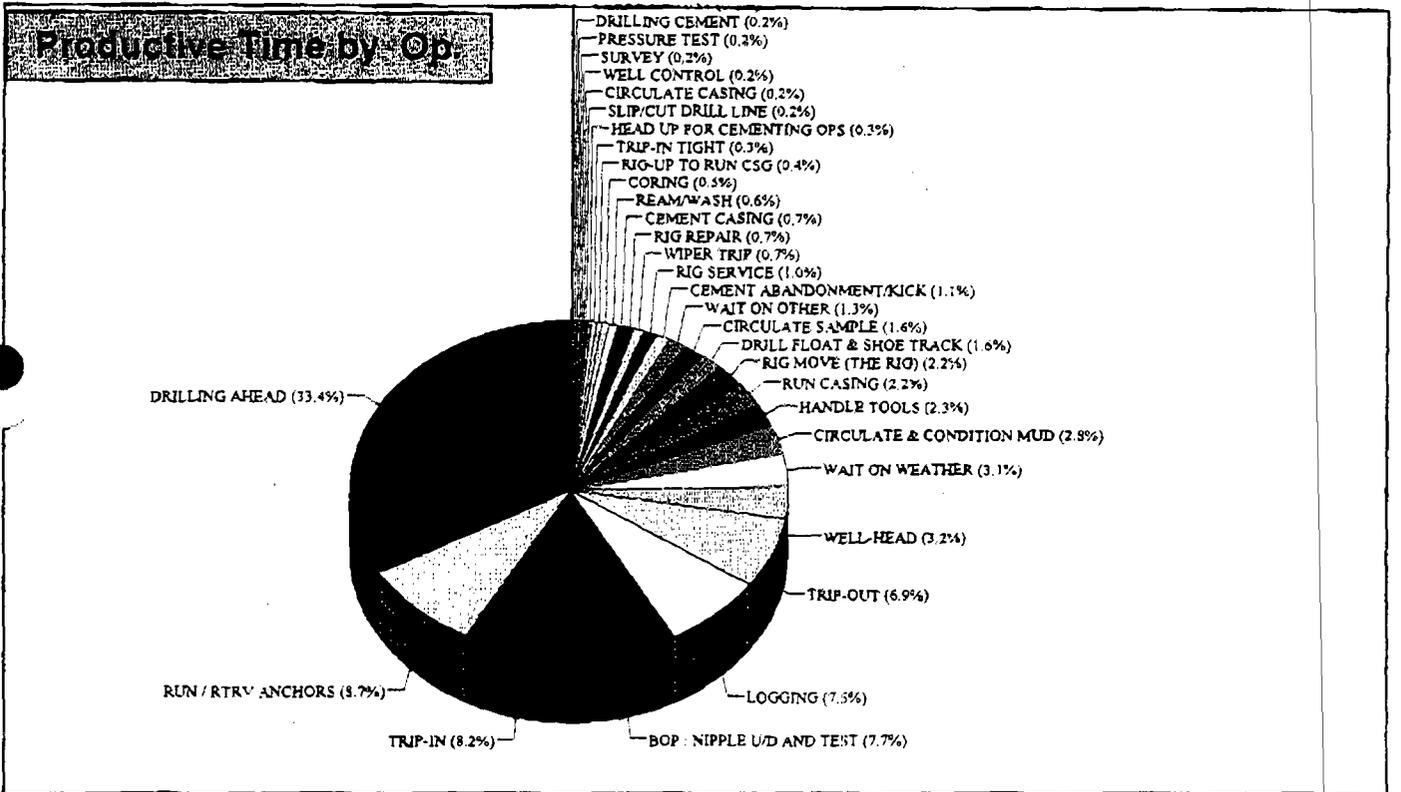
# Premier Oil

## DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2

Total move time (hrs)	0.00	Total prod. time since spud (hrs)	948.75
Total time on well	1,216.25	Total Trouble time since spud (hrs)	267.50
		% Trouble time	21.99

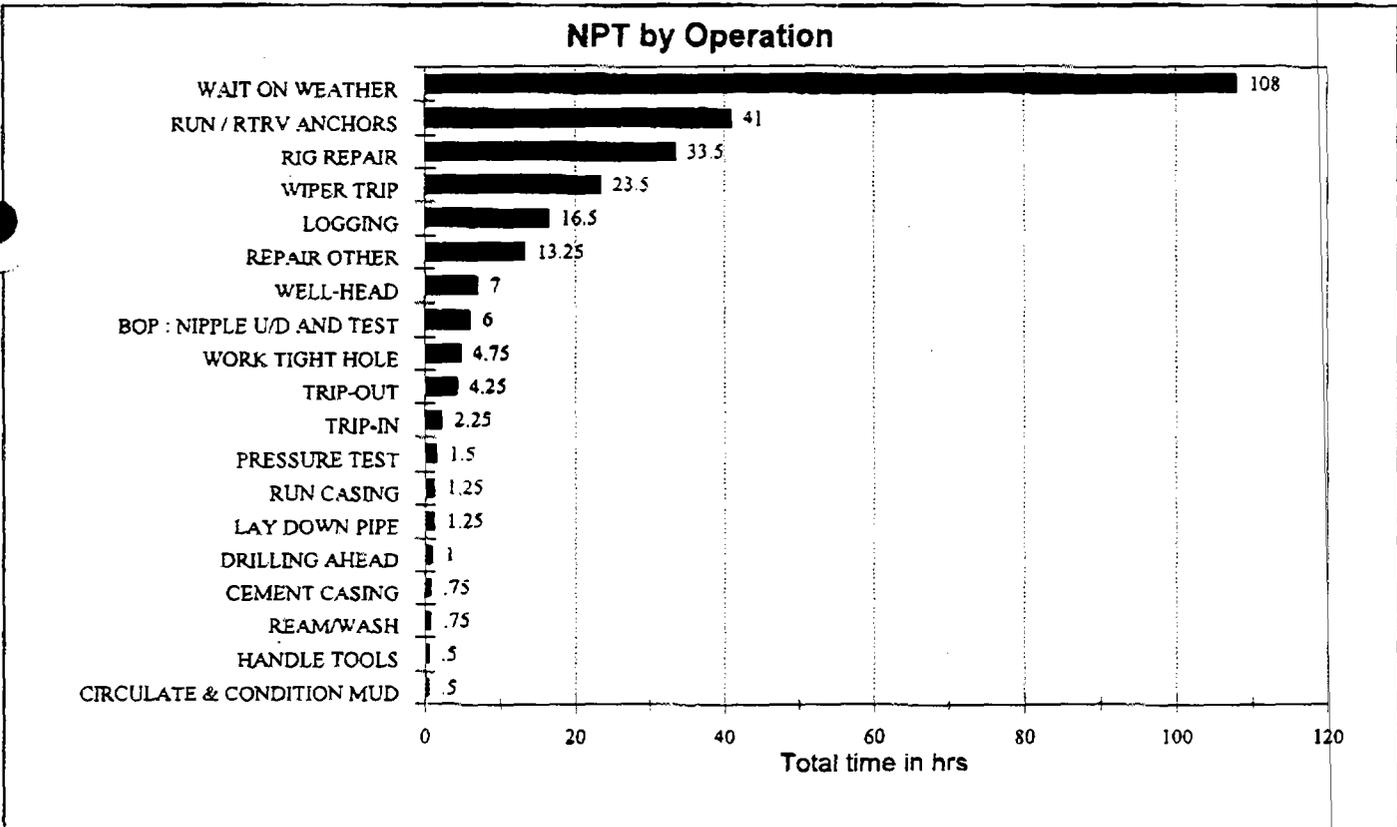
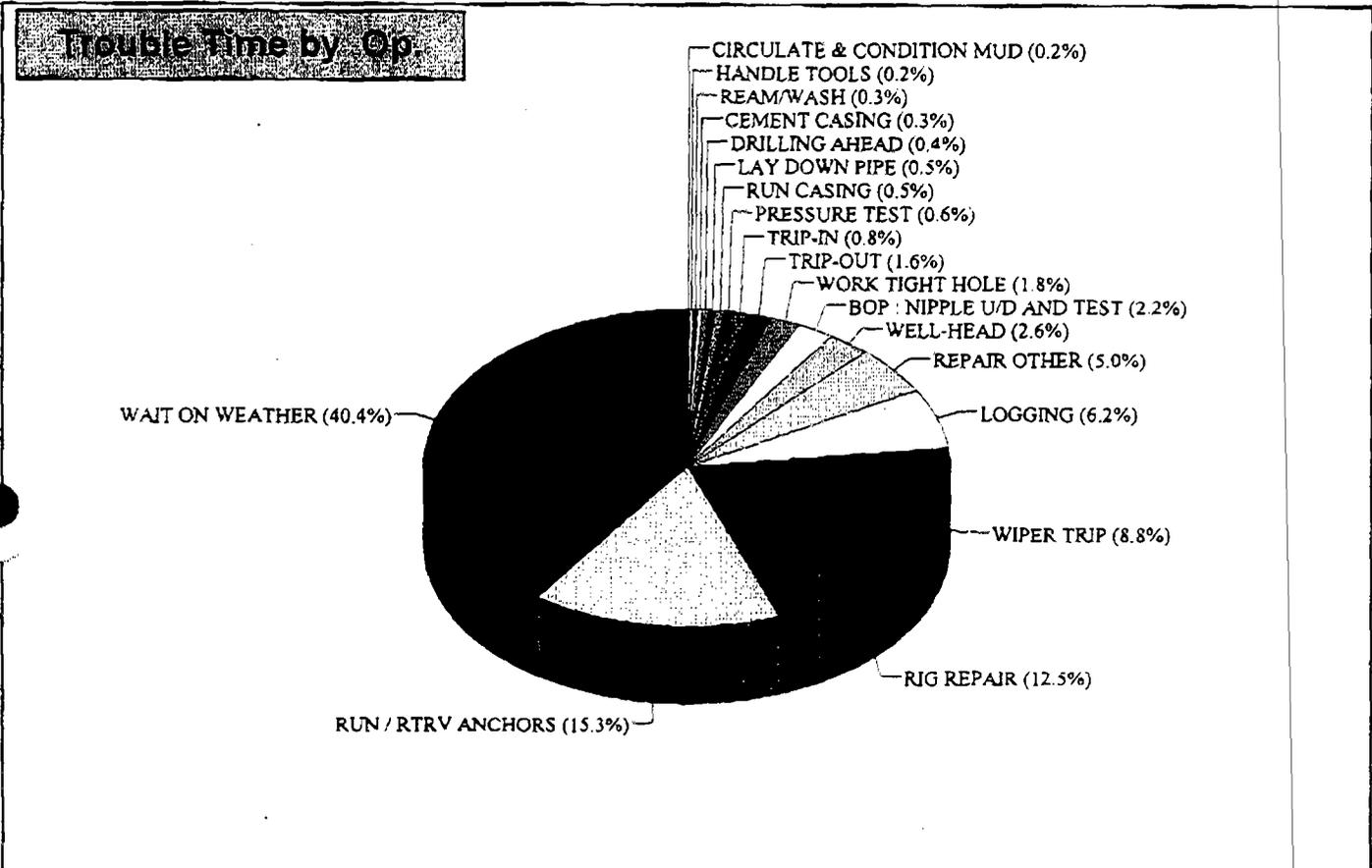


# Premier Oil

## DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2



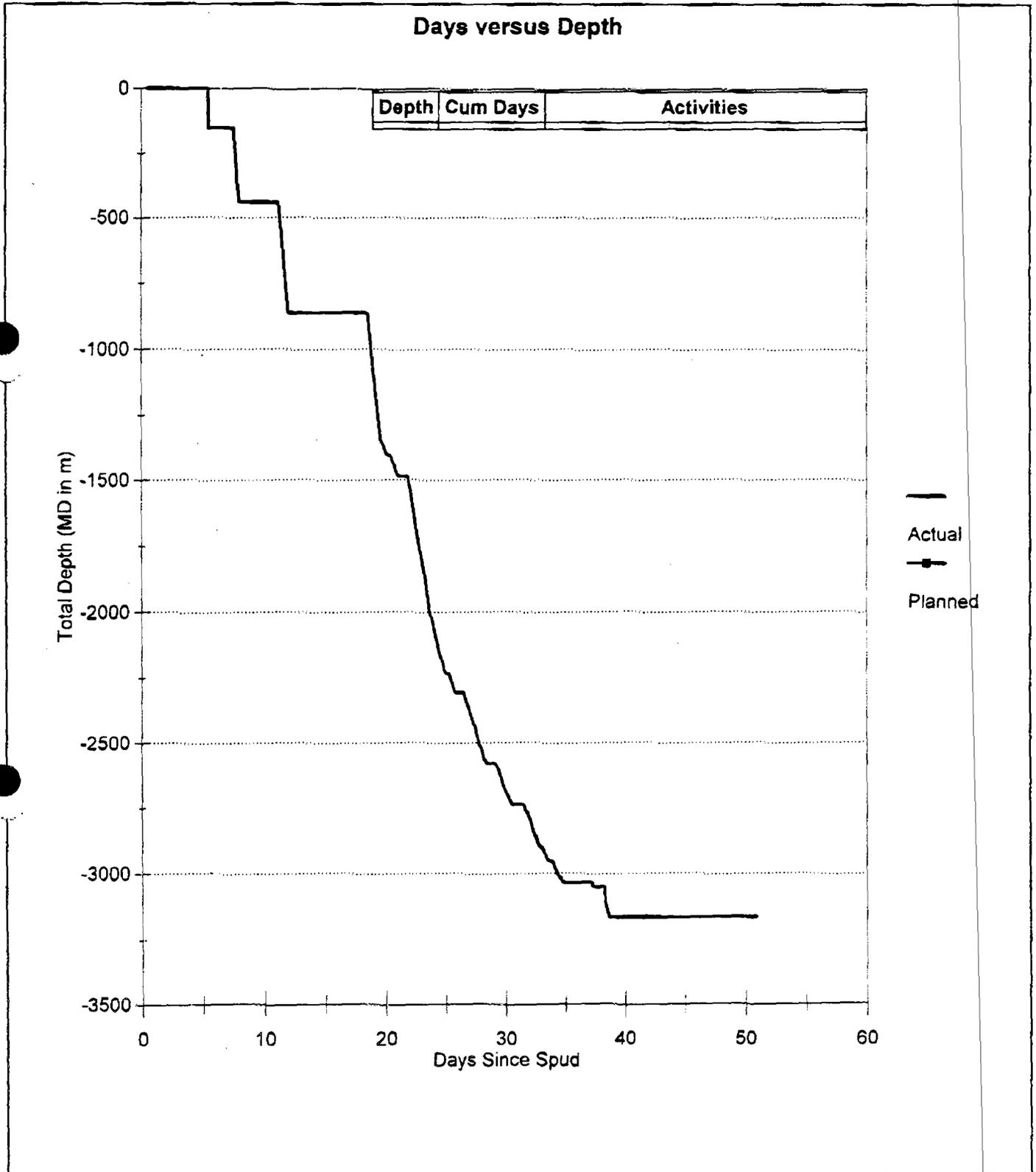
# Premier Oil

DAILY DRILLING REPORT # 52

Report Date: 25.05.98

Yolla-2

DEPTH @ 24:00 = 3,164.0 m after 46.13 days since spud



# Premier Oil

## DAILY DRILLING REPORT # 51

Report Date: 24.05.98

Yolla-2

Well Data		T.D. (m RT):		CUR. HOLE SIZE ("):		DAILY COST \$:	
COUNTRY	Australia	3,164.0				\$353,328	
FIELD	Bass Basin	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$:	\$12,607,315
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	45.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
MUD CO:	Dowell	CURRENT OP @ 0600: WOW					
RT ABOVE MSL (m):	12.5	PLANNED OP.: Jump ROV, inspect wellhead for debris, attempt to pull w/head w/ CART if no success continue cutting 30" casing and retrieve wellhead.					
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

WOW - Observe 2 guide posts free after moving rig back onto location.  
Pressure test surface system. Layout casing cutting tools - pick up HWDP.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 24.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	18:15	18.25	3,164	Wait on weather. (see comments section). Guide post #4 came free from PGB while adjusting guidewire tensions. Pulled #4 guidepost to surface.
18:15	18:45	.50	3,164	Cont WOW. Moved rig back over location. #2 guidepost came free while adjusting guidewire tensions. Pulled #2 post back to surface. Pressure tested S/Pipe & Choke Manifold v/v's 500/5000psi - repair leaks as necessary.
18:45	24:00	5.25	3,164	Cont WOW. Pressure tested TDS, Kelly Cock, Gray v/v. Observed IBOP not holding pressure. Observed leak from swivel packing. Break out casing cutting tools. Layout bent stand of HWDP. Pick up HWDP and rack back in derrick.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 25.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:30	2.50	3,164	Cont WOW. Pick up lower casing cutting assembly and change out knives and function test. Pack marine swivel with grease and fix stop ring onto cutting assembly. M/U C.A.R.T. and fix guide frame on below rotary table
02:30	06:00	3.50	3,164	Cont WOW. Wait to jump ROV to inspect wellhead for debris and guide CART into wellhead.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 24.05.98**

REMARK / OBSERVATION				SOLUTION / RECOMMENDATION	
Time	Wind(knts)	Pitch(deg)	Roll(deg)		
0800	35-40	4	3	7	
1000	35-40	3	2	6	
1200	35-40	3	2	5	
1400	35-40	3	2	4.7	
1600	35-40	2	3	5	
Shortly after Pacific Commander left rig it communicated that it had something ( possibly a fender ) trapped around one of its propellers and that it would have to proceed on a single screw - ETA at Geelong pilot 12:00 instead of 06:00.					
Conditions checked at 03:00 in view of launching ROV, however still not possible due to weather :- 28-33knot winds, @ 180deg, directly on Port beam ( side the ROV is launched from ) with 3.5-4m swells.					

Mud Properties	MUD COST FOR TODAY: \$0				CUMULATIVE MUD COST TO DATE: \$0			
Type :	VISCOSITY( sec / qt ):	0	API FLUID LOSS (cm3/30min)	0	Cl - (ppm) :	0	SOLIDS (%vol) :	
FROM :	PV (cps) :	0	API FILTER CAKE (32nds inch)	0	K+ (ppm) :	0	H2O (%vol) :	0.0
TIME :	YP (lb/100sq.ft):	0	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	0	OIL (%vol) :	0
WEIGHT (ppg):	GEL 10s/10m/30m (lb/100sqft) :	0 0 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	0.0	SAND :	
TEMP (C) :	FANN 3/6/100	0 0 0			PM:	0.0	PH :	0.0
					PF:	0.0	PHPA :	0.0

# Premier Oil

## DAILY DRILLING REPORT # 51

Report Date: 24.05.98

Yolla-2

<b>Anchor Tension (kips)</b>	A1 : 50.0	A2 : 65.0	A3 : 70.0	A4 : 65.0	A5 : 75.0	A6 : 50.0	A7 : 100.0	A8 : 80.0	A9 :	A10 :	
<b>Workboats</b>	Location	Fuel (kltr)	Barite (sx)	D/wtr (bb)l	P/wtr (bb)l	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>		
P Commander	Geelon	592		2,202	1,762		810		WIND SP. (kts) : 28.0	VISIB.(nm) : 10	VDL (kips) : 430.0
B Tide	Rig	197		2,354	528				WIND DIR (deg) : 185	CEILING (m) : 2,400	RIS TENS: 0
									PRES.(mbars) : 1017	WAVES (m) : 4.8	HEAVE (m) : 1.0
									AIR TEMP (C) : 12.5	SWELL (m) : 1.1	ROLL (deg) : 1.0
											PITCH (deg) : 2.0
<b>COMMENTS :</b> All anchors piggied. 0 PAX on rig. 0 PAX off rig. Commander en route Geelong & Brute Tide at rig.											

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bb)l : 37	2,297	FUEL (bb)l : 14	1,260	GEL (sx) : 0	475	HELI-FUEL (kltr) : 0.0	10.6
POT WATER (bb)l : 0	1,290	BARITE (sx) : 0	6,173	CEMENT (sx) : 0	4,928		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	27	#PTW	ongoing
				Safety Meeting	23/5/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNGLH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	7.00		97						
2	Nat. 12-P.	7.00		97						

Personnel : on Site = 84			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Stirret	Premier	4
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
		Asiatic ROV	3
		Dowell Schlum Mud	1
Northern Explorer P	McLeod & Ruddleston	Tasman - Casing cutting	1
		Rig Positioning	3

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drft	2,575		1.00							A/drft
Magnetic Declination : 12.60	2,660		2.00							A/drft
Survey method : Min Curvature	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift
	3,061		2.50							A/drift
	3,147		2.20	54.5	67.1					EMS
	3,150		2.00							A/drift

43

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
 Mineral Resources Tasmania, Attn: Carol Bacon  
 Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
 Santos Ltd., Attn: Neil Tupper  
 Cue Resources, Attn: Andrew Adams  
 CalEnergy, Attn: John Treen

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 23, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**   
  **For Review**   
  **Please Comment**   
  **Please Reply**   
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling summary report for 22<sup>nd</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

L

# Premier Oil

## Management Report : Issue date 23.05.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
John Treen	CalEnergy	0011441712081620
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

**WELL : Yolla-2****REP. NUMBER : 49****REP. DATE : 22.05.98**

DRILLING CO.: Northern Offshore

RIG : Northern Explorer III

HOLE SIZE ("):

DEPTH (m): 3,164.00 PROGRESS (m) 0.00 DAYS FROM SPUD 43.13 DAYS +/- CURVE :

24 hr SUMMARY : Cut 13 3/8" casing. Attempt to cut 30" casing - bumper sub washed out. Continue to cut.

STATUS AT 0600 : WOW

PLANNED OP : After storm abates finish cutting 30" casing and retrieve wellhead.

**COST DATA**

DAILY : \$175,536 CUM : \$12,086,546 AFE : \$10,108,205 DIFF. AFE-CUM : (\$1,978,341)

# Premier Oil

## Management Report : Issue date 24.05.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
John Treen	CalEnergy	0011441712081620
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 50		REP. DATE : 23.05.98	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE (" ) :	
DEPTH (m):	3,164.00	PROGRESS (m) 0.00	DAYS FROM SPUD 44.13	DAYS +/- CURVE :	
24 hr SUMMARY : WOW					
STATUS AT 0600 : WOW					
PLANNED OP : After storm abates finish cutting 30" casing and retrieve wellhead.					
<b>COST DATA</b>					
DAILY :	\$167,441	CUM : \$12,253,987	AFE : \$10,108,205	DIFF. AFE-CUM (\$2,145,782)	

Premier Oil Australia Pty Limited  
(ACN 075 609 728)  
45 Ord Street (P.O. Box 1649)  
West Perth WA 6872

Telephone 61 8 9480 4100  
Facsimile 61 8 9324 1212  
Email @premieraus.com.au

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# PremierOil

Australasia

REF: R6075/WIB1.01/YOL2.05/BMU/js  
CIRC:

20 May 1998

Carol Bacon  
Managing Geologist Hydrocarbons & Tenements  
Mineral Resources Tasmania  
30 Gordons Hill Road  
Rosny Park  
TASMANIA 7018

RECORDS  
File No. WHITE IBIS 1  
*Yolla 2 DRILLING*

MINERAL RESOURCES	
FILE NO.	
20 MAY 1998	
DOC. NO.	
DATE	
TIME	
BY	
REMARKS	

Dear Carol

Subject to Petroleum (Submerged Lands) Act clause 302 (1) Premier Oil hereby apply for approval under Navigation Act 1912 to move our mobile platform Northern Explorer III from our T/RL1 permit to the T/18P permit.

The Northern Explorer III Drillship is expected to depart our Yolla-2 well location and move to the White Ibis location on 23 May 1998. Coordinates for the two locations are as follows:

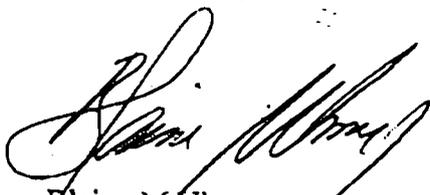
<u>Yolla-2</u>	<u>White Ibis-1</u>
Lat: 39° 51' 33.82" S	39° 57' 49.61" S
Long: 145° 48' 38.53" E	145° 15' 17.28" E

The White Ibis-1 well is expected to take 20 days to drill after which the mobile platform shall either move to a third location or will be demobilised out of the area.

In accordance with P(SL)A clause 302 (7) when the mobile platform has arrived at this location the actual time of arrival shall be reported to yourself and the Federal Sea Safety and Surveillance Centre in Canberra.

Premier Oil Australasia look forward to receiving approval to move the Northern Explorer III to our White Ibis-1 well in Tasmanian waters.

Yours sincerely



Blaine Mulmer  
Operations Manager

ORIGINAL ON YOLLA 2 PT2

71141

41

YOLLA 2 DRILLING

RECORDS
File No: YOLLA 2 PT2

**FAXED**  
1915194  
16

Enquiries: Tony Brown  
 Phone: (03) 6233 8365  
 Your Ref:  
 Our File: 8AVB037.DOC:NW

19 May 1998

Mr A Guthrie  
 Manager, Bass Basin Assets  
 Boral Energy Resources Ltd  
 GPO Box 2576  
 ADELAIDE SA 5001

Dear Mr Guthrie

**YOLLA-2 (T-RL/1) PERMANENT PLUG AND ABANDONMENT**

I refer to your facsimile dated 18 May 1998 regarding the above subject.

Under the provisions of Clauses 513 and 514 of the *Petroleum (Submerged Lands) Act, Schedule of Specific Requirements as to Offshore Petroleum Exploration and Production in Waters Under Commonwealth Jurisdiction 1997*, I hereby approve the permanent plugging and abandoning of the appraisal well Yolla-2 in T/RL-1 to be carried out in accordance with procedure outlined in your proposed programme.

Please provide the result of the seabed survey of the wellhead area as soon as it becomes available.

Yours sincerely



Dr A V (Tony) Brown  
**DIRECTOR**  
**MINERAL RESOURCES TASMANIA**

Original on YOLLA 2 PT2

Premier Petroleum Australia Ltd.  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058

YOLLA DRILLING



# Fax

To: Tony Browne / Carol Bacon

From: Blaine Ulmer

Fax:

Date: 18<sup>th</sup> May 1998

Phone:

Pages: 9

Re: Yolla 2 - Abandonment Programme

CC: Ahmed Nadji

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

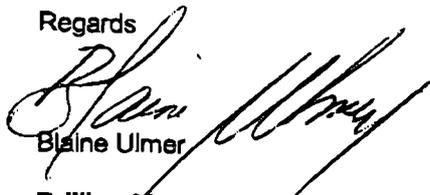
**•Comments:**

Please find attached the proposed abandonment programme for Yolla 2 well Bass Straits. Petrophysical logging is nearing completion and based on results so far, Premier Petroleum Australia Ltd. and partners do not intend to conduct any further evaluation.

Assuming your agreement and approval it is our intention to move the Northern Explorer III, once the abandonment is complete, to the White Ibis well location. This move is expected to take place around the 22<sup>nd</sup> / 23<sup>rd</sup> May dependent on progress and weather conditions.

We look forward to your earliest reply

Regards

  
Blaine Ulmer  
Drilling Manager

Copy entered on YOLLA 2 PTA

**YOLLA-2**

**ABANDONMENT PROGRAMME**

**(OPEN HOLE WITH LOSSES TO FORMATION)**

**CONTENTS**

**A. GENERAL**..... 2

**A.1 INTRODUCTION / WELL STATUS** ..... 2

**A.2 CEMENT RECIPE** ..... 2

**A.3 PROGRAM SUMMARY** ..... 3

**B. OPERATIONAL DETAILS**..... 4

**B.1 P&A CEMENTING** ..... 4

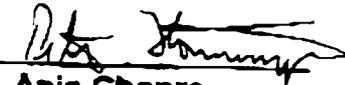
**B.2 RISE/BOP/WELLHEAD RETRIEVAL** ..... 5

**C. PETROLEUM (SUBMERGED LANDS) ACT REQUIREMENTS**..... 6

**D. PLANNED WELL STATUS AFTER ABANDONMENT**..... 7

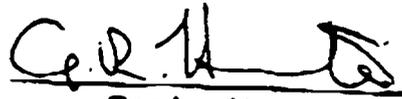
**Prepared By**

Drilling Engineer

pp.   
Anis Chupra

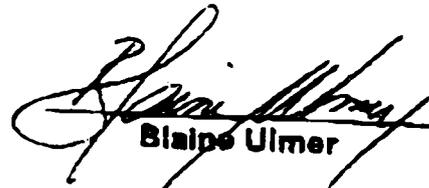
**Reviewed by**

Drilling Superintendent

  
Gordon Hunter

**Approved by**

Drilling Manager

  
Blaine Ulmer

**A. GENERAL**

The following outlines the procedures for abandonment of the Yolla-2 Appraisal well.

**A.1 Introduction / Well Status**

The well has been drilled to TD of 3164 m, and open hole logs ran from TD. The well has been evaluated and a decision has been made to plug and abandon the well.

The Petroleum (Submerged Lands) Acts procedures for well abandonment precede a schematic of the intended well status after abandonment (p.7).

**A.2 Cement Recipe**

Abandonment plugs

Slurry volume is to be based on the caliper log plus 20% excess, unless hole conditions indicate otherwise.

Depth TVD:		3000 m	2850 m	1900 m	600 m	92 m
BHST:		249 °F	241 °F	188 °F	114 °F	85 °F
BHCT:		185 °F	178 °F	138 °F	99 °F	82 °F
<b>ADDITIVES</b>	Units	PLUG 1 Conc.	PLUG 2 Conc.	PLUG 3 Conc.	PLUG 4 Conc.	PLUG 5 Conc.
Class G Cmt.						
D604	Gal/sk	0.07	0.07	0.05	-	-
D110	Gal/sk	0.02	0.02	0.03	-	-
D047	Gal/sk	0.01	0.01	0.01	0.01	0.01
S001- CaCl <sub>2</sub>	1% wt	-	-	-	-	1.0
Drill Water	Gal/sk	4.97	4.97	4.98	5.04	-
Seawater	Gal/sk	-	-	-	-	5.18
TMF	Gal/sk	5.07	5.07	5.07	5.05	5.19
Density	kg/m <sup>3</sup>	1.9	1.9	15.8	1.9	1.9
Yield	ft <sup>3</sup> /sk	1.15	1.15	1.15	1.15	1.18
Thickening Time	100 Bc	129 min	140 min	140 min	160 min	175 min
Pumping Time	40 Bc	115 min	115 min	110 min	110 min	117 min
Compressive Strength	psi	5100	5050	5080	3100	2500

**B. OPERATIONAL DETAILS****B.1 P&A Cementing**

- B.1.1 RIH with a 60mm (2<sup>3/8</sup>) by 45 m cement stinger to TD. Circulate hole clean.
- B.1.2 Spot two 45m cement plugs from 3090 m to 3045 m and from 3045 m to 3000 m. Pull back to top of plug and circulate hole clean.
- B.1.3 Pull back stinger, spot two 45m cement plugs from 2850 m to 2805 m and from 2805 m to 2760 m. Pull back to top of plug and circulate hole clean.
- B.1.4 Pull back stinger, spot two 45m cement plugs from 1940 m to 1895 m and from 1895 m to 1850 m. Pull back to top of plug and circulate hole clean. POH.
- B.1.5 M/U Bridge Plug to DP, RIH and set Bridge Plug in 340mm (13<sup>3/8</sup>) casing at 835 m. Release Bridge Plug, close pipe rams and pressure test plug to 10,341 kPA (1500 psi).
- B.1.6 Spot 30 m balanced plug on top of the bridge plug. (Make sure a corrosion inhibitive mud system is in place)
- B.1.7 Pull back DP and spot hi-vis pill from 200 m - 175 m.
- B.1.8 Pull back and spot balanced cement plug from 175 m - 130 m below seabed to surface.
- B1.9 Pull back to top of plug and circulate hole clean. Function BOP's and flush through kill lines. POH .

**B.2 Riser/BOP/Wellhead Retrieval**

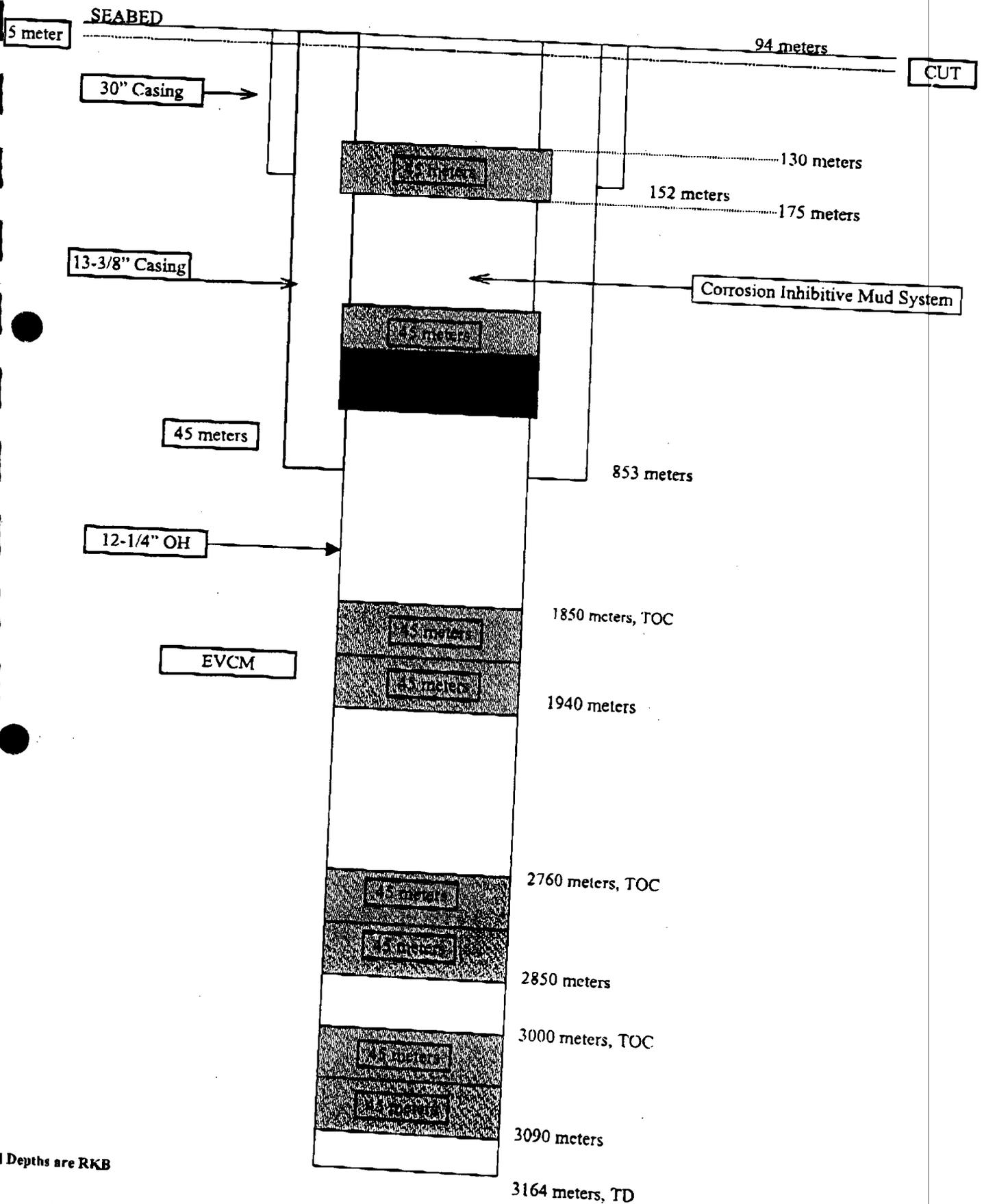
- B.2.1 Displace riser to seawater.
- B.2.2 Lay down diverter. Pick up landing joint and collapse slip joint. Unlatch BOP. POOH with riser. Store LMRP and BOP stack.
- B.2.3 Pick up 298mm (11 $\frac{3}{4}$ " ) casing cutter, dressed to cut 762mm(30") - 340mm (13 $\frac{3}{8}$ " ) casing.
- B.2.4 RIH and cut 340mm (13 $\frac{3}{8}$ " ) casing 5 m below seabed. POOH change cutters.
- B.2.5 RIH with 298mm (11 $\frac{3}{4}$ " ) casing cutter and cut 762mm (30") casing 5m below seabed (see Appendix for details).
- B.2.6 Pick up 476mm (18 $\frac{3}{4}$ " ) casing spear. RIH. Spear 476mm (18 $\frac{3}{4}$ " ) wellhead housing. POOH. Set guide base on spider beams and release spear.
- B.2.7 Jump ROV and conduct seabed survey.

### C. Petroleum (Submerged Lands) Act Requirements

The minimum requirements for P&A according to the "Petroleum (Submerged Lands) Act" are the following:

1. In the uncased portions of a well, cement plugs shall be placed such as to provide a minimum of 30 meters of cement above and minimum of 30 meters of cement below any significant oil, gas or fresh water zones.
2. When there is an open hole immediately below the casing string, there shall be placed in the casing string:
  - a. a cement plug placed by displacement method as to extend at least 30 meters above and at least 30 meters below the casing shoe or
  - b. a cement retainer with effective back pressure control set at least 10 m, but not more than 30 m, above the casing shoe with a cement plug calculated to extend at least 30 meters below the casing shoe and at least 15 meters above the retainer or
  - c. where lost circulation conditions exist or are anticipated, a permanent type bridge plug set within 45 meters above the casing shoe with at least 15 meters of cement on top of the bridge plug
3. A surface cement plug extending at least 45 meters in height shall be placed in the innermost casing string which extends to the seabed with the top of the plug at a depth no greater than 45 meters below the seabed.
4. Any intervals of cased hole in a well between cement plugs shall be filled with mud fluid of appropriate density suitably inhibited to prevent the corrosion of casing string.
5. All casing string and piling shall be severed and removed at least 5 meters below the seabed and the well location shall be cleared of any debris and obstructions.

### E. Planned Well Status After Abandonment



\*\*\*All Depths are RKB

59

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 19, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**   
  **For Review**   
  **Please Comment**   
  **Please Reply**   
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 18<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CSAB L

# Premier Oil

## DAILY DRILLING REPORT # 45

Report Date: 18.05.98

Yolla-2

Well Data		T.D. (m RT): 3,164.0		CUR. HOLE SIZE ("): 12.25		DAILY COST \$: \$171,355	
COUNTRY	Australia	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$:	\$10,950,827
FIELD	Bass Basin	DAYS FROM SPUD:	39.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: POOH with FMS logging suite					
MUD CO:	Dowell	PLANNED OP.: RIH with cement stinger, set open hole cement plugs for P&A.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Perform VSP logging, POOH rig down VSP - rig up CMR. Perform CMR logging. POOH rig down CMR.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 18.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:30	2.50	3,164	Correlate depths and check systems on way in. Lower geophone failed at 2690m. RIH to 3081m. Could not get any deeper.
02:30	08:45	6.25	3,164	Log as per programme (see comments). Lowest level cannot be taken as lower geophone not working. Without twin geophones all remaining 43 levels had to be taken individually.
08:45	09:30	.75	3,164	POOH with VSP logging suite.
09:30	12:30	3.00	3,164	Lay down VSP tools. Backload Nitrogen racks plus 4 other lifts to Brute Tide. Make up CMR tool.
12:30	21:30	9.00	3,164	RIH with CMR tool. Stand up @ 1276m. Passed with no problem on 2nd attempt. Log as per additional programme.
21:30	22:15	.75	3,164	POOH with CMR logging tools.
22:15	23:30	1.25	3,164	Rig down CMR logging tool string. Rig up FMS logging tool string.
23:30	24:00	.50	3,164	RIH with FMS logging suite.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 19.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,164	RIH with FMS logging suite
00:30	05:45	5.25	3,164	Perform FMS log as per additional programme.
05:45	06:00	.25	3,164	POOH with FMS logging suite.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 18.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
CMR & FMS logging runs were additions to the programme	

Mud Properties	MUD COST FOR TODAY: \$140		CUMULATIVE MUD COST TO DATE: \$232,608					
Type: KCI PHPA	VISCOSITY (sec / qt):	53	API FLUID LOSS (cm3/30min)	5	Cl- (ppm):	38,000	SOLIDS (%vol):	5.5
FROM: Active	PV (cps):	14	API FILTER CAKE (32nds inch)	1	K+ (ppm):	31000	H2O (%vol):	92.0
TIME: 21:30	YP (lb/100sq.ft):	26	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0
WEIGHT (ppg): 1.12	GEL 10s/10m/30m (lb/100sqft):	9 13 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	10.0	SAND:	.3
TEMP (C): 30	FANN 3/6/100	8 10 26			PM:	0.0	PH:	8.5
					PF:	.1	PHPA:	0.0

Anchor Tension (kips)	A1: 30.0	A2: 75.0	A3: 60.0	A4: 60.0	A5: 110.0
	A6: 70.0	A7: 70.0	A8: 75.0	A9:	A10:

Workboats	Location	Fuel (kltr)	Barite (sx)	D/Wtr (bbl)	P/Wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	Weather & Rig data @ 24:00 hrs
P Commander	Geelon	661		2,706	2,014				WIND SP. (kts): 21.0
B Tide	at rig	164		2,354	390				VISIB.(nm): 10
									WIND DIR (deg): 45
									CEILING (m): 2,500
									PRES.(mbars): 1018
									WAVES (m): 2.1
									AIR TEMP (C): 15.0
									SWELL (m): 74.0

COMMENTS: All anchors piggied. 1 PAX on rig, 7 PAX off rig. Commander at Geeleng & Brute Tide at location.

# Premier Oil

## DAILY DRILLING REPORT # 45

Report Date: 18.05.98

Yolla-2

<b>Anchor Tension (kips)</b>	A1:	A2:	A3:	A4:	A5:						
	A6:	A7:	A8:	A9:	A10:						
<b>Workboats</b>	Location:	Fuel (kltr)	Barite (sx)	D/Wtr (bbl)	P/Wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>		
									WIND SP. (kts):	VISIB.(nm):	VDL (kips):
									WIND DIR (deg):	CEILING (m):	RIS.TENS:
									PRES.(mbars):	WAVES (m):	HEAVE (m):
									AIR TEMP (C):	SWELL (m):	ROLL (deg):
									PITCH (deg):		
<b>COMMENTS :</b>											

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bbl) : 12	2,222	FUEL (bbl) : 6	1,351	GEL (sx) : 0	475	HELI-FUEL (kltr) : 0.3	10.8
POT WATER (bbl) : 0	1,240	BARITE (sx) : 0	6,482	CEMENT (sx) : 0	5,842		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LT1	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	21	#PTW	ongoing
				Safety Meeting	16/5/98

Casing					
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNGLH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3400	30	400	3061	9.3
2	Nat. 12-P.	6.50	70	97			40	525	3061	9.3
							50	625	3061	9.3
							30	400	3061	9.3
							40	525	3061	9.3
							50	625	3061	9.3

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drlg Supervisor	Knobl	Premier	5
N. Drlg Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	McLeod & Milroy	GeoServices	2
		Tasman - Casing cutting	1
		Schlum Wireline	7
		Inmarsat Tech	1

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drift	2,575		1.00							A/drift
Magnetic Declination : 12.60	2,660		2.00							A/drift
Survey method : Min Curvature	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift
	3,061		2.50							A/drift
	3,147		2.20	54.5	67.1					EMS
	3,150		2.00							A/drift

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 18, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 17<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB/CC

# Premier Oil

## DAILY DRILLING REPORT # 44

Report Date: 17.05.98

Yolla-2

### Well Data

COUNTRY	Australia	T.D. (m RT):	3,164.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$471,361
FIELD	Bass Basin	PROGRESS (m):	0,0	CSG OD ("):	13.38	CUM COST \$:	\$10,779,471
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	38.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
MUD CO:	Dowell	CURRENT OP @ 0600: VSP logging.					
RT ABOVE MSL (m):	12.5	PLANNED OP.: Complete VSP. Run CMR and FMS logs. Rig down Schlumberger.					
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

### Summary of period 00:00 to 24:00 hrs:

MDT log collecting pressure and samples. Pump out module failure. Repair module. Complete MDT programme. RIH with VSP tools.

### Formation Tops - This report only

FORMATION	TOP(mBRT)
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### ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 17.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	03:15	3.25	3,164	Continue MDT. Pressure survey from 1913.3m - 3063.7m - 41 pretests. 1 sample.
03:15	03:30	.25	3,164	Start taking sample at 3031m - pumpout module failed.
03:30	04:00	.50	3,164	Take gas sample at 2815m.
04:00	06:00	2.00	3,164	POOH with MDT tool to repair pump out module.
06:00	09:15	3.25	3,164	Repair pump out module and RIH.
09:15	10:15	1.00	3,164	Pull back after 20m - cable head problem.
10:15	18:30	8.25	3,164	RIH with MDT to 2809.5m Take samples and pressures as per programme.
18:30	19:30	1.00	3,164	POOH from 1876m. 500-700lbs overpull @ 2393m, 2386m & 2370m.
19:30	21:00	1.50	3,164	MDT tool out of hole - recover samples - laydown MDT. Pick up VSP tool.
21:00	22:30	1.50	3,164	Backload remaining Schlumberger Testing equipment from aft deck to Brute Tide. Getting heavy loads off NEIII while weather permits.
22:30	23:15	.75	3,164	Pick up VSP air guns and hydrophones with aft crane and lower over aft port. Synchronise VSP air guns
23:15	24:00	.75	3,164	RIH with VSP tools.

### ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 18.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:30	2.50	3,164	Correlate depths and check systems on way in. Lower geophone failed at 2690m. RIH to 3081m. Could not get any deeper.
02:30	06:00	3.50	3,164	Log as per programme (see comments). Lowest level cannot be taken as lower geophone not working. Without twin geophones all remaining 43 levels had to be taken individually.

### ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 17.05.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
VSP programme - twin CSAT geophones on tool 20m apart. 44 levels total.	
3090m   3070m   2610m   2590m	
3050m   3030m   2570m   2550m	
3010m   2990m   2530m   2510m	
2970m   2950m   2490m   2470m	
2930m   2910m   2400m   2300m	
2890m   2870m   2200m   2100m	
2850m   2830m   2000m   1900m	
2810m   2790m   1875m   1800m	
2770m   2750m   1710m   1610m	
2730m   2710m   1500m   1400m	
2690m   2670m	
2650m   2630m	

# Premier Oil

## DAILY DRILLING REPORT # 44

Report Date: 17.05.98

Yolla-2

Mud Properties		MUD COST FOR TODAY: \$1,237				CUMULATIVE MUD COST TO DATE: \$232,468			
Type :	KCI PHPA	VISCOSITY( sec / qt ):	50	API FLUID LOSS (cm3/30min)	5	Cl - (ppm) :	38,000	SOLIDS (%vol) :	5.4
FROM :	Active	PV (cps) :	14	API FILTER CAKE (32nds inch)	1	K+ (ppm) :	31000	H2O (%vol) :	92.0
TIME :	20:00	YP (lb/100sq.ft):	28	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	0	OIL (%vol) :	0
WEIGHT (ppg):	1.12	GEL 10s/10m/30m (lb/100sqft) :	9 13 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	10.0	SAND :	.3
TEMP (C) :	35	FANN 3/8/100	8 10 26			PM:	0.0	PH :	8.5
						PF:	.1	PHPA :	0.0

Anchor Tension (kips)	A1 : 30.0	A2 : 70.0	A3 : 60.0	A4 : 60.0	A5 : 100.0
	A6 : 70.0	A7 : 70.0	A8 : 75.0	A9 :	A10 :

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	Weather & Rig data @ 24:00 hrs					
P Commander	Geelon	661		2,706	2,014				WIND SP. (kts) :	26.0	VISIB. (nm) :	10	VDL (kips) :	468.0
B Tide	at rig	171		2,354	415				WIND DIR (deg) :	45	CEILING (m) :	2,400	RIS.TENS:	11
									PRES.(mbars) :	1026	WAVES (m) :	2.4	HEAVE (m) :	0.5
									AIR TEMP (C) :	15.0	SWELL (m) :	.9	ROLL (deg) :	0.5
													PITCH (deg) :	1.5

COMMENTS : All anchors pigged. 0 PAX on rig, 0 PAX off rig. Commander at Geelong & Brute Tide at location.

Bulk Stocks	Used / In Stock						
DRILL WATER (bbl) :	0 2,234	FUEL (bbl) :	6 1,357	GEL (sx) :	0 475	HELI-FUEL (kltr) :	0.0 11.1
POT WATER (bbl) :	0 1,240	BARITE (sx) :	0 6,482	CEMENT (sx) :	0 5,842		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	17/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	20	#PTW	ongoing
				Safety Meeting	16/5/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3400	30	400	3061	9.3
2	Nat. 12-P.	6.50	70	97			40	525	3061	9.3
							50	625	3061	9.3
							30	400	3061	9.3
							40	525	3061	9.3
							50	625	3061	9.3

Personnel : on Site = 98			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	71
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	1
		Schlum Testing	3
		Schlum Wireline	7
		Inmarsat Tech	1

**Premier Oil**

**DAILY DRILLING REPORT # 44**

**Report Date: 17.05.98**

**Yolla-2**

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift	2,575		1.00							A/drift
Magnetic Declination :	12.60	2,660		2.00							A/drift
Survey method :	Min Curvature	2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift
		3,061		2.50							A/drift
		3,147		2.20	54.5	67.1					EMS
		3,150		2.00							A/drift

Premier Oil

YOLLA 2 DRILLING DAILY DRILLING REPORT # 42

Report Date: 15.05.98

Yolla-2

<b>Well Data</b>		T.D. (m RT) : <i>CA3/CC</i> 3,164.0	CUR. HOLE SIZE (") : 12.25	DAILY COST \$ : \$175,539
COUNTRY	Australia	PROGRESS (m) : 4.0	CSG OD (") : 13.38	CUM COST \$ : \$9,964,207
FIELD	Bass Basin	DAYS FROM SPUD : 36.13	SHOE TVD (m RT) : 853	AFE COST \$ : \$10,108,205
DRILL CO. :	Northern Offshore	DAYS +/- CURVE :	LEAK-OFF EMW(ppg) 0.00	AFE BASIS : P&A
RIG :	Northern Explorer III	CURRENT OP @ 0600 : Rig up Schlumberger		
MUD CO. :	Dowell	PLANNED OP. : Run Logs.		
RT ABOVE MSL (m) :	12.5			
WATER DEPTH @MSL (m) :	81.5			
RT TO SEABED (m) :	94.0			

**Summary of period 00:00 to 24:00 hrs:**  
 Attempt to get modified logging suite down- could not pass 1256m. Wiper trip.

Formation Tops - This report only	
FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 15.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,164	Continue to pick up triple combo tool ( GR, LDL,CML,MSFL,DLL) calibrate same.
00:30	01:15	.75	3,164	RIH w/ triple combo tool to 1256m - tool standing up on ledge. Work tool up and down - open calipers attempt to pass ledge. No success.
01:15	04:00	2.75	3,164	POOH and layout triple combo tool. Rig down Schlumberger.
04:00	05:30	1.50	3,164	M/U 12 1/4" drilling BHA and RIH for wiper trip.
05:30	06:30	1.00	3,164	Slip and cut drilling line.
06:30	08:00	1.50	3,164	RIH to 1244m. taking weight ( previously not seen) at 1244m.
08:00	09:30	1.50	3,164	Work tight hole from 1244m - 1305m ( 1 single & 2 stands). Hole bridging off - not only a ledge.
09:30	10:30	1.00	3,164	Circulate at 1305m to clear up hole. Unloading excessive amount of cuttings/cavings from wiping this hole section. Tight hole appears not to be a mud chemistry problem - cuttings/cavings are dry & hard.
10:30	11:30	1.00	3,164	Continue RIH stands from 1305m - 1893m. Filled pipe @ 1893m. Boost riser down C&K lines while running in stands. Large amount of cuttings/cavings unloading at shaker.
11:30	12:30	1.00	3,164	No returns observed when filling pipe. Trapped pressure 500psi. No tight hole. Bleed of pressure at stand pipe. Make connection, observed backflow at tooljoint indicating blocked string / nozzles.
12:30	14:00	1.50	3,164	Work string and pump from 1893m - 1920m. Regain full circulation after 45mins. Pump 50bbl hi-vis sweep & circulate out of hole. Hole still unloading large amounts of cuttings/cavings. Boost riser down C&K lines.
14:00	17:00	3.00	3,164	Continue RIH stands from 1920m - 1964m. Taking weight 30klbs + again. Precautionary ream/wash from 1964-2600m @ 80rpm, 2.5-4.5k ft-lbs torque, 700gpm, 3000psi, to improve hole condition for Schlumberger logs
17:00	18:00	1.00	3,164	RIH stands from 2600m- 3000m
18:00	19:30	1.50	3,164	Wash & ream intermittent tight hole from 3000m -3164m
19:30	21:15	1.75	3,164	Pump very hi-vis pill 100bbbls, 200+ FV. Circulate out of hole. Excessive amounts of solids (mainly coal) unloading at the scalping shakers.
21:15	22:30	1.25	3,164	Continue circulating to allow the returns to clear up.
22:30	24:00	1.50	3,164	Boost riser through C&K lines while POOH wet 5 stands, pump weighted slug. POOH from 3016 - 2700m.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 16.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	04:30	4.50	3,164	Flow check well ( after mudloggers advise of 20bbl gain ) - OK. Slug another weighted pill. POOH from 2700m. Overpull 8-10k lbs.
04:30	06:00	1.50	3,164	Rig up Schlumberger.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 15.05.98**

Report Date: 15.05.98

Yolla-2

Mud Properties		MUD COST FOR TODAY: \$3,612				CUMULATIVE MUD COST TO DATE: \$231,230			
Type :	KCI PHPA	VISCOSITY( sec / qt ):	44	API FLUID LOSS (cm <sup>3</sup> /30min)	6	Cl - (ppm) :	39,000	SOLIDS (%vol) :	6.4
FROM :	Active	PV (cps) :	12	API FILTER CAKE (32nds inch)	1	K+ (ppm) :	31000	H2O (%vol) :	91.0
TIME :	22:00	YP (lb/100sq.ft):	28	HTHP FLUID LOSS (cm <sup>3</sup> /30min)	0	HARD/Ca (ppm) :	0	OIL (%vol) :	0
WEIGHT (ppg):	1.13	GEL 10s/10m/30m (lb/100sqft) :	8 14 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	10.0	SAND :	.3
TEMP (C) :	63	FANN 3/6/100	8 10 26			PM:	0.0	PH :	8.8
						PF:	.1	PHPA :	0.0

Bit Data for Bit # 9		IADC # 4 3 5			Wear								
SIZE (") :	12.25	AVE WOB (k-lbs) :	35	NOZZLES	1	O1	D	L	B	G	O2	R	
MANUFACTURER :	HU	AVE RPM :	160	1 X14	1	WT	A	E	1/16	NO	TD		
TYPE :	MAXGT-P09	FLOW (gpm) :	700	2 X16	Drilled over the last 24 hrs				Calculated over the bit run				
SERIAL # :	A64KA	PUMP PRESS. (psi):	3,400	X	METERAGE (m) :	4	CUM.METERAGE (m)	113	ON BOTTOM HRS :	.5	CUM. ON BOT. HRS :	13.5	
DEPTH IN (m RT) :	3051	HSI (hp/sqi) :	1	X	ON BOTTOM HRS :	.5	CUM. IADC DRILL HRS :	14.6	IADC DRILL. HRS :	.6	CUM.TOT. REVS :	129,600	
DEPTH OUT (m RT) :	3164			X	TOTAL REVS :	4,800	CUM.TOT. REVS :	129,600	ROP (m/hr):	6.7	ROP (m/hr):	7.8	

BHA # 11		Length (ft) :226.7		D.C. (1) ANN. VELOCITY (mpm):		199	
HRS ON JARS :		STRING WT(k-lbs) :	315	TRQE MAX (ft-lbs):	8,711	D.C. (2) ANN VELOCITY (mpm):	199
WT BLW JAR(k-lbs):	46	PICK UP WT(k-lbs) :	325	TRQE ON (ft-lbs):	8,600	H.W.D.P. ANN VELOCITY (mpm):	137
BHA WT(k-lbs) :	63	SLK OFF WT(k-lbs) :	305	TRQE OFF (ft-lbs):	5,000	D.P. ANN VELOCITY (mpm) :	137
BHA DESCRIPTION :				TOOL DESCRIPTION			
12 1/4" rock bit -12/14"NB Stab c/w float -				HRS			
8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 9x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.				SERIAL #			
				COMMENT			
				Hughes MAXGT-P09 14.6 A64KA			
				Anderdrift tool 136.6 ADB814			
				HE hydra jar 99.2 2851			
				New in hole at 2580m			
				In hole at 2738m 6/5/98			

Anchor Tension (kips)	A1 : 30.0	A2 : 85.0	A3 : 65.0	A4 : 60.0	A5 : 60.0
	A6 : 90.0	A7 : 65.0	A8 : 75.0	A9 : 70.0	A10 : 75.0

Workboats							Weather & Rig data @ 24:00 hrs						
Location:	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	WIND SP. (kts) :	8.0	VISIB.(nm) :	10	VDL (kips):	434.0
P Commander	Geolon	687	629	1,856				WIND DIR (deg) :	220	CEILING (m) :	2,300	RIS.TENS:	11
B Tide	at rig	186	2,354	465				PRES.(mbars):	1020	WAVES (m) :	1.2	HEAVE (m) :	0.5
								AIR TEMP (C) :	15.0	SWELL (m) :	.6	ROLL (deg) :	0.5
												PITCH (deg) :	1.0

COMMENTS : All anchors piggied. 0 PAX on rig, 0 PAX off rig. Commander at White Ibis & Brute Tide at location.

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock			
DRILL WATER (bbl) :	0	2,234	FUEL (bbl) :	13	1,373	GEL (sx) :	0	475	HELI-FUEL (kltr) :	0.0	11.5
POT WATER (bbl) :	0	1,265	BARITE (sx) :	0	6,482	CEMENT (sx) :	0	5,842			

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	10/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	18	#PTW	ongoing
				Safety Meeting	10/5/98

Pump Data							Slow Pump Data			
Pump Data - last 24 hrs										
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3400	30	400	3061	9.3
2	Nat. 12-P.	6.50	70	97			40	525	3061	9.3
							50	625	3061	9.3
							30	400	3061	9.3
							40	525	3061	9.3
							50	625	3061	9.3

Report Date: 15.05.98

Yolla-2

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Personnel : on Site = 97			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	71
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	1
		Schlum Testing	3
		Schlum Wireline	7

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	EW (m)	TOOL TYPE
Last Tool Type : A/drift	2,575		1.00							A/drift
Magnetic Declination : 12.60	2,660		2.00							A/drift
Survey method : Min Curvature	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift
	3,081		2.50							A/drift
	3,147		2.20	54.5	67.1					EMS
	3,150		2.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

**Fax:** \_\_\_\_\_ **Date:** May 15, 1998

**Phone:** \_\_\_\_\_ **Pages:** \_\_\_\_\_

**Re:** Yolla 2 Daily Drilling Reports **CC:** \_\_\_\_\_

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 14<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

JP/KC ✓

# Premier Oil

## DAILY DRILLING REPORT # 41

Report Date: 14.05.98

Yolla-2

Well Data		T.D. (m RT) :	3,164.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$ :	\$175,256
COUNTRY	Australia	PROGRESS (m):	4.0	CSG OD (") :	13.38	CUM COST \$ :	\$9,788,668
FIELD	Bass Basin	DAYS FROM SPUD :	35.13	SHOE TVD (m RT):	853	AFE COST \$ :	\$10,108,205
DRILL CO. :	Northern Offshore	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
RIG :	Northern Explorer III	MUD CO: Dowell					
RT ABOVE MSL (m) :	12.5	CURRENT OP @ 0600 : Running wiper trip. Slip & cut drilling line.					
WATER DEPTH @MSL (m) :	81.5	PLANNED OP. : Complete wiper trip. Run Logs.					
RT TO SEABED (m) :	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Check Trip. drop EMS. POOH. R/U Schlum. RIH with PEX to 1256m - tools standing up - cannot pass.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 14.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,164	Drill ahead 3160m - 3164m w/ 125/160rpm, 30-40kibs WOB, 7.5-9k ft-lbs torque, 700gpm, 3400psi. Av ROP 8m/hr.
00:30	02:30	2.00	3,164	Circulate bottoms up from TD.
02:30	04:15	1.75	3,164	Short wiper trip up to 3000m and back to bottom. First 3 stands off bottom up to 40kibs overpull. Overpull >70kibs at 3060m. M/U top drive and backream from 3060m - 3004m. Run back to bottom
04:15	06:30	2.25	3,164	Circulate hole clean.
06:30	07:00	.50	3,164	Drop EMS
07:00	11:00	4.00	3,164	Pull 5 stands. Pump weighted slug. Continue POOH to shoe. Tight hole between 2900m -2700m - 40/50kibs overpull. Flow check @ shoe OK.
11:00	13:30	2.50	3,164	Continue POOH. Recover EMS from top of NMDC. Broke off bit, gauged stabs - top/middle/NB 1/16" UG.
13:30	15:30	2.00	3,164	Rig up Schlumberger wireline.
15:30	17:30	2.00	3,164	RIH w/ PEX - CMR tool to 1256m, Tool standing up on ledge ( 2 x bow springs pushing tool onto the wall - no hole finder on bottom of tool - bull nose only ) unable to pass.
17:30	18:00	.50	3,164	POOH with PEX-CMR tool.
18:00	18:30	.50	3,164	Break down tools and layout CMR.
18:30	19:00	.50	3,164	RIH w/ PEX to 1256m - tool standing up on ledge.
19:00	20:30	1.50	3,164	Log with PEX from 1255m - 853m ( casing shoe ) with GR to seabed.
20:30	21:15	.75	3,164	Investigate possibility of attaching 20ft of chain to bottom of PEX which would allow tool to get past ledge at 1256m. Not possible - no suitable x/overs in Schlumberger equipment.
21:15	24:00	2.75	3,164	Layout PEX and pick up triple combo tool ( GR, LDL,CML,MSFL,DLL) calibrate same. Again no Schlumberger X/overs to allow fixing of chain to bottom of tool.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 15.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,164	Continue to pick up triple combo tool ( GR, LDL,CML,MSFL,DLL) calibrate same.
00:30	01:15	.75	3,164	RIH w/ triple combo tool to 1256m - tool standing up on ledge. Work tool up and down - open calipers attempt to pass ledge. No success.
01:15	04:00	2.75	3,164	POOH and layout triple combo tool. Rig down Schlumberger.
04:00	05:30	1.50	3,164	M/U 12 1/4" drilling BHA and RIH for wiper trip.
05:30	06:00	.50	3,164	Slip and cut drilling line.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 14.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
All attempt to RIH with Schlumberger logging tools stood up at 1256m. A possible solution looked at was attaching a 20ft length of chain to the bottom of the tool, this could pile up and spill over any ledges guiding the logging tools over the ledges. However Schlumberger do not carry any X/overs that are suitable to connect to the bottom of either the PEX or triple combo tools	

# Premier Oil

## DAILY DRILLING REPORT # 41

Report Date: 14.05.98

Yolla-2

Mud Properties		MUD COST FOR TODAY: \$420				CUMULATIVE MUD COST TO DATE: \$227,619			
Type :	VISCOSITY( sec / qt ):	47	API FLUID LOSS (cm3/30min)	5	Cl- (ppm):	38,000	SOLIDS (%vol):	5.5	
KCI PHPA	PV (cps):	13	API FILTER CAKE (32nds inch)	1	K+ (ppm):	29000	H2O (%vol):	92.0	
FROM :	YP (lb/100sq.ft):	31	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0	
TIME :	GEL 10s/10m/30m		HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	7.5	SAND :	0.4	
WEIGHT (ppg):	(lb/100sqft):	9 16 0			PM:	0.0	PH:	9.0	
TEMP (C):	FANN 3/6/100	9 11 28			PF:	.1	PHPA :	0.0	

Bit Data for Bit # 9		IADC # 4 3 5			Wear								
					I	O1	D	L	B	G	O2	R	
					1	1	WT	A	E	1/16	NO	TD	
SIZE ("):	12.25				NOZZLES				Drilled over the last 24 hrs				
MANUFACTURER :	HU	AVE WOB (k-lbs):	35	1 X14	METERAGE (m):				4	Calculated over the bit run			
TYPE :	MAXGT -P09	AVE RPM :	160	2 X16	ON BOTTOM HRS :				.5	CUM.METERAGE (m)			113
SERIAL # :	A64KA	FLOW (gpm):	700	X	IADC DRILL. HRS :				.6	CUM. ON BOT. HRS :			13.5
DEPTH IN (m RT):	3051	PUMP PRESS. (psi):	3,400	X	TOTAL REVS :				4,800	CUM.TOT. REVS :			129,600
DEPTH OUT (m RT):	3164	HSI (hp/sqi):	0	X	ROP (m/hr):				6.7	ROP (m/hr):			7.8

BHA # 11 Length (ft) :226.7		STRING WT(k-lbs):		TRQE MAX (ft-lbs):		D.C. (1) ANN. VELOCITY (mpm):	
HRS ON JARS :	46	315	8,711	D.C. (2) ANN VELOCITY (mpm):		199	
WT BLW JAR(k-lbs):	63	PICK UP WT(k-lbs):	325	TRQE ON (ft-lbs):		199	
BHA WT(k-lbs):	63	SLK OFF WT(k-lbs):	305	TRQE OFF (ft-lbs):		137	
						D.P. ANN VELOCITY (mpm):	
						137	

BHA DESCRIPTION :		TOOL DESCRIPTION		HRS	SERIAL #	COMMENT
12 1/4" rock bit -12/14"NB Stab c/w float - 8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 9x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.		Hughes MAXGT-P09		14.6	A64KA	
		Anderdrift tool		136.6	ADB814	New in hole at 2580m
		HE hydra jar		99.2	2851	In hole at 2738m 6/5/98

Anchor Tension (kips)	A1: 35.0	A2: 75.0	A3: 65.0	A4: 60.0	A5: 100.0
	A6: 70.0	A7: 70.0	A8: 75.0	A9:	A10:

Workboats		Weather & Rig data @ 24:00 hrs								
Location.	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)			
P Commander	Geelon	687	629	1,856			VDL (kips):		427.0	
B Tide	at rig	190	2,354	491			WIND SP. (kts):		18.0	
								VISIB.(nm):		10
								WIND DIR (deg):		20
								CEILING (m):		2,300
								PRES.(mbars):		1021
								WAVES (m):		1.6
								AIR TEMP (C):		15.0
								SWELL (m):		.7
								RIS.TENS:		11
								HEAVE (m):		0.5
								ROLL (deg):		0.5
								PITCH (deg):		1.0

COMMENTS : All anchors pigged. 16 PAX on rig, 17 PAX off rig. Commander in Geelong & Brute Tide at location.

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock			
DRILL WATER (bbl):	51	2,234	FUEL (bbl):	12	1,386	GEL (sx):	0	475	HELI-FUEL (kltr):	0.2	11.5
POT WATER (bbl):	126	1,246	BARITE (sx):	0	6,482	CEMENT (sx):	0	5,842			

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	10/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	17	#PTW	ongoing
				Safety Meeting	10/5/98

Pump Data							Slow Pump Data			
Pump Data - last 24 hrs										
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3400	30	400	3061	9.3
2	Nat. 12-P.	6.50	70	97			40	525	3061	9.3
							50	625	3061	9.3
							30	400	3061	9.3
							40	525	3061	9.3
							50	625	3061	9.3

**Premier Oil**

**DAILY DRILLING REPORT # 41**

Report Date: 14.05.98

Yolla-2

Casing					
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Personnel : on Site = 97			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	71
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	1
		Schlum Testing	3
		Schlum Wireline	7

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	EW (m)	TOOL TYPE
1st Tool Type :	A/drift	2,575		1.00							A/drift
Magnetic Declination :	12.60	2,660		2.00							A/drift
Survey method :	Min Curvature	2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift
		3,061		2.50							A/drift
		3,147		2.20	54.5	67.1					EMS
		3,150		2.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



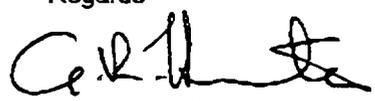
# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 14, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**  
Please find attached the Daily Drilling report for 13<sup>th</sup> May 1998.

Regards  
  
Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB/c

✓

# Premier Oil

## DAILY DRILLING REPORT # 40

Report Date: 13.05.98

Yolla-2

Well Data		T.D. (m RT):	3,160.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$196,143
COUNTRY	Australia	PROGRESS (m):	109.2	CSG OD ("):	13.38	CUM COST \$:	\$9,613,411
FIELD	Bass Basin	DAYS FROM SPUD:	34.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: Circulating hole clean.					
MUD CO:	Dowell	PLANNED OP.: Drop EMS. POOH. Run Logs.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Lay out core #1. RIH with drilling assembly. Drill from 3050.8m - 3160m.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 13.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:00	2.00	3,051	Cut and layout remaining 2x 6m sections of core. Total of 17.8m recovered.
02:00	08:00	6.00	3,051	Pick up drilling BHA. M/U new MAXGT-P09 bit dressed with 2x16, 1x14 nozzles. Break connections above bottom string stab, insert Totco ring. RIH to bottom.
08:00	16:00	8.00	3,051	Bed in bit and drill ahead w/ 125/160rpm, 30-40klbs WOB, 7.5-9k ft-lbs torque, 700gpm, 3400psi - from 3050.8 - 3103m. Av ROP 6.5m/hr. Flow check drilling break at 3082m -OK. ROP increased to 30m/hr.
16:00	16:30	.50	3,103	Change swab and liner on #1 pump - piston 2. Circulate on pump #2.
16:30	22:00	5.50	3,150	Drill ahead 3103m - 3150m w/ 125/160rpm, 30-40klbs WOB, 7.5-9k ft-lbs torque, 700gpm, 3400psi. Av ROP 8.5m/hr. Drilling volcanics from 3090m.
22:00	22:30	.50	3,150	Low oil pressure on top drive investigated and repaired. Oil changed. Circulate hole.
22:30	23:00	.50	3,150	Top drive service. Circulate hole.
23:00	24:00	1.00	3,160	Drill ahead 3150m - 3160m w/ 125/160rpm, 30-40klbs WOB, 7.5-9k ft-lbs torque, 700gpm, 3400psi. Av ROP 10m/hr.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 14.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,164	Drill ahead 3160m - 3164m w/ 125/160rpm, 30-40klbs WOB, 7.5-9k ft-lbs torque, 700gpm, 3400psi. Av ROP 8m/hr.
00:30	02:30	2.00	3,164	Circulate bottoms up from TD.
02:30	04:15	1.75	3,164	Short wiper trip up to 3000m and back to bottom. First 3 stands off bottom up to 40klbs overpull. Overpull >70klbs at 3060m. M/U top drive and backream from 3060m - 3004m. Run back to bottom
04:15	06:00	1.75	3,164	Circulate hole clean.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 13.05.98**

Mud Properties		MUD COST FOR TODAY: \$7,765	CUMULATIVE MUD COST TO DATE: \$227,199						
Type:	KCI PHPA	VISCOSITY( sec / qt):	44	API FLUID LOSS (cm3/30min)	5	Cl - (ppm):	40,000	SOLIDS (%vol):	5.3
FROM:	Active	PV (cps):	13	API FILTER CAKE (32nds inch)	1	K+ (ppm):	31000	H2O (%vol):	92.0
TIME:	22:00	YP (lb/100sq.ft):	29	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0
WEIGHT (ppg):	1.12	GEL 10s/10m/30m (lb/100sqft):	8 12 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	7.5	SAND:	0.4
TEMP (C):	62	FANN 3/6/100	8 10 27			PM:	0.0	PH:	9.0
						PF:	.1	PHPA:	0.0

Bit Data for Bit # 9		IADC #	4	3	5	Wear							
SIZE ("):	12.25					I	O1	D	L	B	G	O2	R
MANUFACTURER:	HU	AVE WOB (k-lbs):	33	NOZZLES		Drilled over the last 24 hrs				Calculated over the bit run			
TYPE:	MAXGT -P09	AVE RPM:	151	1 x14	METERAGE (m):	109	CUM.METERAGE (m)				109		
SERIAL #:	A64KA	FLOW (gpm):	700	2 x16	ON BOTTOM HRS:	13.0	CUM. ON BOT. HRS:				13.0		
DEPTH IN (m RT):	3051	PUMP PRESS. (psi):	3,400	X	IADC DRILL. HRS:	14.0	CUM.IADC DRILL HRS:				14.0		
DEPTH OUT (m RT):		HSI (hp/sqi):	1	X	TOTAL REVS:	117,780	CUM.TOT. REVS:				117,780		
				X	ROP (m/hr):	7.8	ROP (m/hr):				7.8		

# Premier Oil

## DAILY DRILLING REPORT # 40

Report Date: 13.05.98

Yolla-2

**BHA # 11 Length (ft) :226.7**

HRS ON JARS :	STRING WT(k-lbs) :	315	TRQE MAX (ft-lbs):	15,100	D.C. (1) ANN. VELOCITY (mpm):	91
WT BLW JAR(k-lbs): 46	PICK UP WT(k-lbs) :	325	TRQE ON (ft-lbs):	9,600	D.C. (2) ANN VELOCITY (mpm):	91
BHA WT(k-lbs) :	SLK OFF WT(k-lbs) :	305	TRQE OFF (ft-lbs):	500	H.W.D.P. ANN VELOCITY (mpm):	63
					D.P. ANN VELOCITY (mpm) :	63

**BHA DESCRIPTION :**

12 1/4" rock bit -12/14"NB Stab c/w float -  
8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco  
ring - 8"NMDC - 12 1/4"Stab - 9x8"DC - Jar -  
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.

TOOL DESCRIPTION	HRS	SERIAL #	COMMENT
Hughes MAXGT-P09	14.0	A64KA	
Anderdrift tool	130.7	ADB814	New in hole at 2580m
HE hydra jar	93.7	2851	In hole at 2738m 6/5/98

**Anchor Tension (kips)**

A1 : 35.0	A2 : 80.0	A3 : 60.0	A4 : 60.0	A5 : 90.0
A6 : 75.0	A7 : 70.0	A8 : 75.0	A9 :	A10 :

**Workboats**

Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Hel (kltr)
Commander	Geelon 687		629	1,856			
Tide	at rig 201		2,354	544			

**Weather & Rig data @ 24:00 hrs**

WIND SP. (kts) : 18.0	VISIB.(nm) : 10	VDL (kips): 430.0
WIND DIR (deg) : 30	CEILING (m) : 2,300	RIS.TENS: 11
PRES.(mbars): 1024	WAVES (m) : 1.2	HEAVE (m) : 0.5
AIR TEMP (C) : 15.0	SWELL (m) : .3	ROLL (deg) : 0.5
		PITCH (deg) : 1.0

COMMENTS : All anchors piggied. No helicopters. Commander in Geelong & Brute Tide at location.

**Bulk Stocks**

Used / In Stock	Used / In Stock	Used / In Stock	Used / In Stock
DRILL WATER (bbl) : 528 2,285	FUEL (bbl) : 15 1,398	GEL (sx) : 0 475	HELI-FUEL (kltr) : 0.0 11.7
POT WATER (bbl) : 0 1,372	BARITE (sx) : 0 6,482	CEMENT (sx) : 0 5,842	

**Drills, Permits & Inspections**

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	13/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	10/5/98	NEXT TEST DUE DATE		MTI	12/5/98
PIT DRILL	13/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	16	#PTW	ongoing
				Safety Meeting	10/5/98

**Casing**

CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)
13.3/8 "			853	853

TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

**Pump Data**

Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3400	30	400	3061	9.3
2	Nat. 12-P.	6.50	70	97			40	525	3061	9.3
							50	625	3061	9.3
							30	400	3061	9.3
							40	525	3061	9.3
							50	625	3061	9.3

**Personnel : on Site = 98**

JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2
		Alfa Laval	1
		Schlum Wireline	5

# Premier Oil

## DAILY DRILLING REPORT # 40

Report Date: 13.05.98

Yolla-2

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift										
Magnetic Declination :	12.60	2.489		0.00							A/drift
Survey method :	Min Curvature	2.575		1.00							A/drift
		2.660		2.00							A/drift
		2.661		2.00							A/drift
		2.738		1.50							A/drift
		2.892		2.00							A/drift
		3.061		2.50							A/drift
		3.150		2.00							A/drift

34

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 12, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 11<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAS ✓

# Premier Oil

## DAILY DRILLING REPORT # 38

Report Date: 11.05.98

Yolla-2

Well Data		T.D. (m RT):	3,033.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$140,688
COUNTRY	Australia	PROGRESS (m):	0.0	CSG OD ("):	13.38	CUM COST \$:	\$9,205,324
FIELD	Bass Basin	DAYS FROM SPUD:	32.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: RIH with coring assembly					
MUD CO:	Dowell	PLANNED OP.: Core. POOH. Drill ahead.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Rising weather - unlatch riser, WOW, Pull rig over location, Latch LMRP.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)
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**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 11.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,033	Testing BOP's. All rams tested to 300/5800psi for 5/10mins as per programme. Only annulars remain to be tested
00:30	01:15	.75	3,033	Stop BOP testing due to building weather, Anchor tension surging to over 200kips on anchors #3, #4 & #5. Riser angle moving towards 3deg. POOH test plug and prepare to unlatch.
01:15	02:30	1.25	3,033	Preparing to unlatch. Slacken off on anchors #7, #8, & #1 in attempt to keep rig over location and ease tension on anchors #3, #4 & #5. Fwd thruster only working at 60% output - overloading above that.
02:30	03:30	1.00	3,033	Prepared to unlatch. Displace riser to seawater. Tension on anchors #3, #4 & #5 holding steady, riding out weather over location.
03:30	04:00	.50	3,033	#4 anchor slipped after surge of >220 kips on anchors #3 & #4. Riser angle greater than 3deg, Riser very close to edge of moonpool. Unlatched riser, riser hanging on hook.
04:00	18:15	14.25	3,033	Attempt to bring NEIII bow more into prevailing weather to ride out storm easier.
18:15	19:45	1.50	3,033	Heaving NEIII back to 7m off location from 50m off location using anchors.
19:45	22:00	2.25	3,033	Jump ROV to inspect LMRP. Pretension primary anchors, then secondary anchors to 200kips all holding. Move vessel over wellhead/ BOP stack.
22:00	24:00	2.00	3,033	Untangle guide line#1 with ROV, Observe LMRP landing and latching with ROV. Overpull on LMRP confirmed latch. Continue working riser. Displace riser to mud.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 12.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:00	2.00	3,033	RIH with test plug & test annular preventers to 300/3500psi - 5/10mins.
02:00	03:15	1.25	3,033	POOH w/ test plug. RIH and set wear bushing, POOH.
03:15	06:00	2.75	3,033	RIH with coring assembly, picking up PDC core head, 3 core barrels & 2 Baash Ross bumper subs.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 11.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Planning of deck space for testing phase. Aft deck already tight on space. Will test equipment be backloaded prior to mob. to next location ?	Possibility of backloading some of the mud/chemicals for second well to clear space for testing equipment & chemicals. Test program needed on rig to allow better planning of offloading and chemical storage.

Mud Properties		MUD COST FOR TODAY: \$0	CUMULATIVE MUD COST TO DATE: \$214,455						
Type:	KCI PHPA	VISCOSITY( sec / qt):	57	API FLUID LOSS (cm3/30min)	4	Cl- (ppm):	42,000	SOLIDS (%vol):	5.3
FROM:	Active	PV (cps):	17	API FILTER CAKE (32nds inch)	1	K+ (ppm):	31000	H2O (%vol):	92.0
TIME:	23:30	YP (lb/100sq.ft):	31	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0
WEIGHT (ppg):	1.13	GEL 10s/10m/30m (lb/100sqft):	10 13 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	7.5	SAND:	0.3
TEMP (C):	29	FANN 3/6/100	9 11 30			PM:	0.0	PH:	8.5
						PF:	.1	PHPA:	0.0

# Premier Oil

## DAILY DRILLING REPORT # 38

Report Date: 11.05.98

Yolla-2

Bit Data for Bit # 8		IADC #	Wear							
			I	O1	D	L	B	G	O2	R
SIZE ("):	12.25									
MANUFACTURER:	OT	AVE WOB (k-lbs):	NOZZLES		Drilled over the last 24 hrs			Calculated over the bit run		
TYPE:	CM365F	AVE RPM:	X							
SERIAL #:	711001	FLOW (gpm):	X							
DEPTH IN (m RT):	3033	PUMP PRESS. (psi):	X							
DEPTH OUT (m RT):		HSI (hp/sq):	X							

BHA # 10 Length (ft) :221.5									
HRS ON JARS:		STRING WT(k-lbs):		TRQE MAX (ft-lbs):		D.C. (1) ANN. VELOCITY (mpm):			
WT BLW JAR(k-lbs):	40	PICK UP WT(k-lbs):		TRQE ON (ft-lbs):		D.C. (2) ANN VELOCITY (mpm):			
BHA WT(k-lbs):	57	SLK OFF WT(k-lbs):		TRQE OFF (ft-lbs):		H.W.D.P. ANN VELOCITY (mpm):			
						D.P. ANN VELOCITY (mpm):			
BHA DESCRIPTION:									
PDC core bit-3 x 9 1/2" x 20' Corpro core barrel - 2									
x Baash Ross drilling bumper subs - 8 x 8"DC -									
jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X									
HWDP.									

Anchor Tension (kips)	A1 : 30.0	A2 : 90.0	A3 : 75.0	A4 : 60.0	A5 : 75.0
	A6 : 70.0	A7 : 70.0	A8 : 75.0	A9 :	A10 :

Workboats	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Hell (kltr)	Weather & Rig data @ 24:00 hrs		
P Commander	at rig	699		629	1,867				WIND SP. (kts) : 30.0	VISIB. (nm) : 10	VDL (kips) : 240.0
B Tide	Geelon	226			440				WIND DIR (deg) : 240	CEILING (m) : 2,300	RIS.TENS: 11
									PRES.(mbars) : 1015	WAVES (m) : 3.5	HEAVE (m) : 0.5
									AIR TEMP (C) : 13.0	SWELL (m) : 3.5	ROLL (deg) : 0.5
											PITCH (deg) : 1.0
COMMENTS : All anchors piggied. Commander at location. Brute Tide loading in Geelong.											

Bulk Stocks	Used / In Stock						
DRILL WATER (bbl) :	0 3,046	FUEL (bbl) :	18 1,428	GEL (sx) :	0 475	HELI-FUEL (kltr) :	0.0 12.4
POT WATER (bbl) :	183 1,542	BARITE (sx) :	0 6,482	CEMENT (sx) :	0 5,842		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	12/5/98	LTI	25/4/98
FIRE	10/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	14	#PTW	ongoing
				Safety Meeting	10/5/98

Casing					
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs						Slow Pump Data				
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50		97			30	450	3000	9.4
2	Nat. 12-P.	6.50		97			40	650	3000	9.4
							50	825	3000	9.4
							30	490	3000	9.4
							40	625	3000	9.4
							50	800	3000	9.4

# Premier Oil

## DAILY DRILLING REPORT # 38

Report Date: 11.05.98

Yolla-2

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	69
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schium Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2
		Alfa Laval	1

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drift	2,202		0.00							A/drift
Magnetic Declination : 12.60	2,348		0.00							A/drift
Survey method : Min Curvature	2,489		0.00							A/drift
	2,575		1.00							A/drift
	2,660		2.00							A/drift
	2,661		2.00							A/drift
	2,738		1.50							A/drift
	2,892		2.00							A/drift

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 11, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 10<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

# Premier Oil

## DAILY DRILLING REPORT # 37

Report Date: 10.05.98

Yolla-2

Well Data		T.D. (m RT) :	3,033.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$ :	\$173,489
COUNTRY	Australia	PROGRESS (m):	11.0	CSG OD ("):	13.38	CUM COST \$ :	\$9,064,636
FIELD	Bass Basin	DAYS FROM SPUD :	31.13	SHOE TVD (m RT):	853	AFE COST \$ :	\$10,108,205
DRILL CO. :	Northern Offshore	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
RIG :	Northern Explorer III	CURRENT OP @ 0600 : WOW					
MUD CO:	Dowell	PLANNED OP. : RIH with core barrel - core. POOH. Drill ahead.					
RT ABOVE MSL (m) :	12.5						
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Drill ahead to 3033m. Circulate bottoms up. POOH back reaming where necessary. Attempt to RIH with core barrel but weather building. Rack coring assy back in derrick and test BOP's.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 10.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:30	1.50	3,030	Drilling ahead 3022m - 3030m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6.5-8.5k ft-lbs torque.
01:30	02:00	.50	3,030	Flow check after drilling break (>22m/hr) - OK. Drill ahead to 3033m. Average ROP 35+m/hr
02:00	04:00	2.00	3,033	Circulate bottoms up for sample.
04:00	08:30	4.50	3,033	POOH wet, back reaming when overpull > 50kibs. Back ream from 2600- 2121m
08:30	10:00	1.50	3,033	Circulate hole clean. Boost riser down choke and kill lines.
10:00	12:30	2.50	3,033	Pump 30bbl weighted slug. POOH to 13 3/8" casing shoe at 853m. Max overpull 30kibs.
12:30	13:30	1.00	3,033	Flow check -OK. POOH to top of BHA.
13:30	15:00	1.50	3,033	Handle BHA. Gauge stabs ( all stabs 1/16" UG) Break of bit.
15:00	18:00	3.00	3,033	Make up 3 x 6m core barrel sections w/ PDC corehead 13mm cutters. Stand back in derrick.. Drifted bumper subs and jar for 1 11/16" drop in ball.
18:00	24:00	6.00	3,033	Retrieve wear bushing, run test plug and test BOP's. Weather building @ 18:30 thrusters started to assist keeping rig over wellhead.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 11.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	3,033	Testing BOP's. All rams tested to 300/5800psi for 5/10mins as per programme. Only annulars remain to be tested
00:30	01:15	.75	3,033	Stop BOP testing due to building weather, Anchor tension surging to over 200kips on anchors #3, #4 & #5. Riser angle moving towards 3deg. POOH test plug and prepare to unlatch.
01:15	02:30	1.25	3,033	Preparing to unlatch. Slacken off on anchors #7, #8, & #1 in attempt to keep rig over location and ease tension on anchors #3, #4 & #5. Fwd thruster only working at 60% output - overloading above that.
02:30	03:30	1.00	3,033	Prepared to unlatch. Tension on anchors #3, #4 & #5 holding steady, riding out weather over location
03:30	04:00	.50	3,033	#4 anchor slipped after surge of >220 kips on anchors #3 & #4. Riser angle greater than 3deg, Riser very close to edge of moonpool. Unlatched riser, riser hanging on hook.
04:00	06:00	2.00	3,033	Attempt to bring NEIII bow more into prevailing weather to ride out storm easier.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 10.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Forward thruster only working at 60% of max output, full output needed to hold rig over location when facing large seas and 40+knot winds which are not directly coming on the bow, but more on the beam.	

# Premier Oil

## DAILY DRILLING REPORT # 37

Report Date: 10.05.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Anchor tensions after #4 slipped: -: #1 10-20kips, #2 20-50kips #3 120-200kips, #4 20-30kips #5 100-160kips, #6 40-60kips #7 40-50kips, #8 40-50kips. Prior to slipping #4 was pulling the same tension as #3.	

Mud Properties	MUD COST FOR TODAY: \$6,921	CUMULATIVE MUD COST TO DATE: \$214,455
Type : <b>KCI PHPA</b> FROM : Active TIME : 03:00 WEIGHT (ppg): 1.13 TEMP (C): 57	VISCOSITY( sec / qt): 48 PV (cps): 17 YP (lb/100sq.ft): 32 GEL 10s/10m/30m (lb/100sqft): 9 14 0 FANN 3/6/100 8 10 31	API FLUID LOSS (cm3/30min) 4 API FILTER CAKE (32nds inch) 1 HTHP FLUID LOSS (cm3/30min) 0 HTHP FILTER CAKE (32nds inch) 0 Cl - (ppm): 42,000 K+ (ppm): 21 HARD/Ca (ppm): 0 MBT (ppb eq): 7.5 PM: 0.0 PF: .1 SOLIDS (%vol): 5.7 H2O (%vol): 91.5 OIL (%vol): 0 SAND: 0.3 PH: 8.8 PHPA: 0.0

Bit Data for Bit # 7	IADC # 4 4 7	Wear	I	O1	D	L	B	G	O2	R
SIZE ("): 12.25 MANUFACTURER: HU TYPE: ATM-P18 SERIAL #: V05BW DEPTH IN (m RT): 2738 DEPTH OUT (m RT): 3033	AVE WOB (k-lbs): 32 AVE RPM: 159 FLOW (gpm): 671 PUMP PRESS. (psi): 3,600 HSI (hp/sqft): 1	NOZZLES 3 x 14 X X X X	3	3	T/CT/E	A	E	1/16	NO	CP
		Drilled over the last 24 hrs	Calculated over the bit run							
		METERAGE (m): 11	CUM.METERAGE (m) 295							
		ON BOTTOM HRS: 1.6	CUM. ON BOT. HRS: 47.9							
		IADC DRILL. HRS: 1.6	CUM.IADC DRILL HRS: 53.3							
		TOTAL REVS: 15,264	CUM.TOT. REVS: 456,489							
		ROP (m/hr): 6.9	ROP (m/hr): 5.5							

BHA # 9	Length (ft) :226.7	D.C. (1) ANN. VELOCITY (mpm):	194																
HRS ON JARS:	STRING WT(k-lbs): 310	TRQE MAX (ft-lbs): 9,044	D.C. (2) ANN VELOCITY (mpm): 194																
WT BLW JAR(k-lbs): 46	PICK UP WT(k-lbs): 325	TRQE ON (ft-lbs): 8,500	H.W.D.P. ANN VELOCITY (mpm): 133																
BHA WT(k-lbs): 63	SLK OFF WT(k-lbs): 300	TRQE OFF (ft-lbs): 3,500	D.P. ANN VELOCITY (mpm): 133																
BHA DESCRIPTION:	<table border="1"> <thead> <tr> <th>TOOL DESCRIPTION</th> <th>HRS</th> <th>SERIAL #</th> <th>COMMENT</th> </tr> </thead> <tbody> <tr> <td>Hughes ATM-P18</td> <td>53.3</td> <td>V05BW</td> <td></td> </tr> <tr> <td>Anderdrift tool</td> <td>107.5</td> <td>ADB814</td> <td>New in hole at 2580m</td> </tr> <tr> <td>HE hydra jar</td> <td>76.5</td> <td>2851</td> <td>In hole at 2738m 6/5/98</td> </tr> </tbody> </table>			TOOL DESCRIPTION	HRS	SERIAL #	COMMENT	Hughes ATM-P18	53.3	V05BW		Anderdrift tool	107.5	ADB814	New in hole at 2580m	HE hydra jar	76.5	2851	In hole at 2738m 6/5/98
TOOL DESCRIPTION	HRS	SERIAL #	COMMENT																
Hughes ATM-P18	53.3	V05BW																	
Anderdrift tool	107.5	ADB814	New in hole at 2580m																
HE hydra jar	76.5	2851	In hole at 2738m 6/5/98																

Anchor Tension (kips)	A1: 45.0	A2: 45.0	A3: 85.0	A4: 80.0	A5: 75.0				
	A6: 65.0	A7: 60.0	A8: 50.0	A9:	A10:				
<b>Workboats</b>	Location:	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>
P Commander	at rig	695		629	1,919				WIND SP. (kts): 44.0
B Tide	at rig	226			440				VISIB.(nm): 7
									WIND DIR (deg): 330
									CEILING (m): 2,400
									PRES.(mbars): 1013
									WAVES (m): 3.7
									AIR TEMP (C): 15.0
									SWELL (m): .6
									VDL (kips): 272.0
									RIS.TENS: 11
									HEAVE (m): 1.5
									ROLL (deg): 1.5
									PITCH (deg): 3.0
<b>COMMENTS:</b> All anchors pigged, Commander and Brute Tide on location, Mermaid Raider released 02:00									

Bulk Stocks	Used / In Stock			
DRILL WATER (bbl): 163	3,046	FUEL (bbl): 17	1,446	GEL (sx): 0
POT WATER (bbl): 0	1,724	BARITE (sx): 0	6,482	CEMENT (sx): 0
				5,842
				HELI-FUEL (kltr): 0.0
				12.4

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	10/5/98	LTI	25/4/98
FIRE	10/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	13	#PTW	ongoing
				Safety Meeting	10/5/98

# Premier Oil

## DAILY DRILLING REPORT # 37

Report Date: 10.05.98

Yolla-2

Casing						
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)		
13.3/8 "			853	853		
TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD	
Shoe jt	14.9	12.4	68.0	L80	N.VAM	
1 x jt	11.5	12.4	68.0	L80	N.VAM	
F/Collar jt	12.3	12.4	68.0	L80	N.VAM	
62 x jts	713.4	12.4	68.0	L80	N.VAM	
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM	
WH jt	5.5	12.4	68.0	L80	N.VAM	

Pump Data										
Pump Data - last 24 hrs						Slow Pump Data				
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	66	97	680	3600	30	450	3000	9.4
2	Nat. 12-P.	6.50	66	97			40	650	3000	9.4
							50	825	3000	9.4
							30	490	3000	9.4
							40	625	3000	9.4
							50	800	3000	9.4

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	69
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2
		Alfa Laval	1

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift	2,202		0.00							A/drift
Magnetic Declination :	12.60	2,348		0.00							A/drift
Survey method :	Min Curvature	2,489		0.00							A/drift
		2,575		1.00							A/drift
		2,660		2.00							A/drift
		2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift

32

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 10, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**  
  **For Review**  
  **Please Comment**  
  **Please Reply**  
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 9<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB ✓

# Premier Oil

## DAILY DRILLING REPORT # 36

Report Date: 09.05.98

Yolla-2

Well Data		T.D. (m RT) :	3,022.0	CUR. HOLE SIZE (") :	12.25	DAILY COST \$ :	\$179,190
COUNTRY	Australia	PROGRESS (m) :	68.0	CSG OD (") :	13.38	CUM COST \$ :	\$8,891,146
FIELD	Bass Basin	DAYS FROM SPUD :	30.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
DRILL CO. :	Northern Offshore	DAYS +/- CURVE :		LEAK-OFF EMW(ppg) :	0.00	AFE BASIS :	P&A
RIG :	Northern Explorer III	CURRENT OP @ 0600 : POOH for core at 3033m					
MUD CO. :	Dowell	PLANNED OP. : RIH with core barrel - core. POOH. Drill ahead.					
RT ABOVE MSL (m) :	12.5						
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Jar free. RIH to bottom. Drill ahead 2954m - 3016m. Circulate bottoms up for sample. Drill ahead 3016m - 2022m.

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 09.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:15	.25	2,954	Lay down washed out drill pipe.
00:15	04:30	4.25	2,954	Attempt to RIH. Pipe stuck. Overpull > 70kibs. Establish circulation and slowly build up to 680gpm 3600psi. Work pipe between hook weight 200k - 400kibs. Drop circulation rate to 75gpm, 210psi. Start jarring down and working pipe.
04:30	05:00	.50	2,954	Jar free. Establish rotation, bring up to 110rpm. Bring pumps up to 680gpm, 3600psi. Work stand several times from 2307m - 2328m.
05:00	06:30	1.50	2,954	RIH and wash to bottom.
06:30	12:00	5.50	2,984	Drilling ahead 2954m - 2984m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6-7k ft-lbs torque.
12:00	13:00	1.00	2,984	Change swab and liner on #2 pump - piston 3. Circulate on pump #1.
13:00	15:45	2.75	2,998	Drilling ahead 2984m - 2998m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6-7k ft-lbs torque. Centrifuge running.
15:45	16:45	1.00	2,998	Flush riser down kill & choke lines. Take SCR's. Make connection.
16:45	18:30	1.75	3,008	Drilling ahead 2998m - 3008m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6.5-8.5k ft-lbs torque. Introduce Oxygen scavenger to mud system
18:30	19:45	1.25	3,016	Flow check after drilling break (>28m/hr) - OK. Drill ahead to 3016m. ROP dropping from 12m/hr - 7 m/hr.
19:45	22:30	2.75	3,016	Circulate bottoms up for sample.
22:30	24:00	1.50	3,022	Drilling ahead 3016m - 3022m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6.5-8.5k ft-lbs torque.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 10.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:30	1.50	3,030	Drilling ahead 3022m - 3030m w/ 30-45kibs WOB, 160rpm, 3600psi, 680gpm with 6.5-8.5k ft-lbs torque.
01:30	02:00	.50	3,030	Flow check after drilling break (>22m/hr) - OK. Drill ahead to 3033m. Average ROP 35+m/hr
02:00	04:00	2.00	3,033	Circulate bottoms up for sample.
04:00	06:00	2.00	3,033	POOH wet, back reaming when overpull > 50kibs. Bit at 2543m

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 09.05.98**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Exposed coal beds causing tight hole / stuck pipe situations, large amounts of time being spent backreaming. Mermaid Raider released at 02:00 10/5/98, after offloading of containers. Verbal Statement of Fact received over radio. Faxed statement will follow from Mermaid Marine office.	Consider backreaming features for stabilisers / roller reamers for next well.

# Premier Oil

## DAILY DRILLING REPORT # 36

Report Date: 09.05.98

Yolla-2

Mud Properties		MUD COST FOR TODAY: \$4,166				CUMULATIVE MUD COST TO DATE: \$207,534			
Type :	VISCOSITY( sec / qt ):	47	API FLUID LOSS (cm3/30min)	5	Cl- (ppm):	42,000	SOLIDS (%vol):	5.7	
KCI PHPA	PV (cps):	17	API FILTER CAKE (32nds inch)	1	K+ (ppm):	21	H2O (%vol):	91.5	
FROM :	YP (lb/100sq.ft):	33	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0	
TIME :	GEL 10s/10m/30m		HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	7.5	SAND :	0.4	
WEIGHT (ppg):	(lb/100sqft):	9 14 0			PM:	0.0	PH :	8.8	
TEMP (C):	FANN 3/6/100	8 11 32			PF:	.1	PHPA :	0.0	

Bit Data for Bit # 7		IADC # 4 4 7		Wear							
SIZE (") :	12.25	AVE WOB (k-lbs):	36	I	O1	D	L	B	G	O2	R
MANUFACTURER :	HU	AVE RPM :	159	NOZZLES							
TYPE :	ATM-P18	FLOW (gpm):	671	3 X14				Drilled over the last 24 hrs			
SERIAL # :	V05BW	PUMP PRESS. (psi):	3,600	X	X	X	X	Calculated over the bit run			
DEPTH IN (m RT):	2738	HSI (hp/sqi):	1	X	X	X	X	METERAGE (m):	68	CUM.METERAGE (m)	284
DEPTH OUT (m RT):				X	X	X	X	ON BOTTOM HRS :	11.9	CUM. ON BOT. HRS :	46.3
				X	X	X	X	IADC DRILL. HRS :	12.2	CUM.IADC DRILL HRS :	51.7
				X	X	X	X	TOTAL REVS :	113,526	CUM.TOT. REVS :	441,225
				X	X	X	X	ROP (m/hr):	5.6	ROP (m/hr):	5.5

BHA # 9		Length (ft) : 226.7		D.C. (1) ANN. VELOCITY (mpm):		194
HRS ON JARS :	STRING WT(k-lbs):	310	TRQE MAX (ft-lbs):	12,225	D.C. (2) ANN VELOCITY (mpm):	194
WT BLW JAR(k-lbs):	PICK UP WT(k-lbs):	325	TRQE ON (ft-lbs):	7,719	H.W.D.P. ANN VELOCITY (mpm):	133
BHA WT(k-lbs):	SLK OFF WT(k-lbs):	300	TRQE OFF (ft-lbs):	3,000	D.P. ANN VELOCITY (mpm):	133

BHA DESCRIPTION :		TOOL DESCRIPTION		HRS	SERIAL #	COMMENT
12 1/4" rock bit - 12/14"NB Stab c/w float -		Hughes ATM-P18		51.7	V05BW	
8"Андердрифт - 8"Понь NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 9x8"DC - Jar -		Андердрифт tool		102.2	ADB814	New in hole at 2580m
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.		HE hydra jar		61.7	2851	In hole at 2738m 6/5/98

Anchor Tension (kips)	A1: 45.0	A2: 65.0	A3: 75.0	A4: 70.0	A5: 70.0
	A6: 65.0	A7: 70.0	A8: 70.0	A9:	A10:

Workboats		Location		Fuel	Barite	D/wtr	P/wtr	Cmt	Bent	Hell	Weather & Rig data @ 24:00 hrs					
				(kltr)	(sx)	(bbl)	(bbl)	(sx)	(sx)	(kltr)	WIND SP. (kts):	21.0	VISIB.(nm):	7	VDL (kips):	248.0
P Commander	at rig	699	629	1,951							WIND DIR (deg):	237	CEILING (m):	2,300	RIS.TENS:	11
B Tide	at rig	226	440								PRES.(mbars):	1019	WAVES (m):	2.8	HEAVE (m):	0.5
											AIR TEMP (C):	11.0	SWELL (m):	2.8	ROLL (deg):	0.5
															PITCH (deg):	1.5

COMMENTS : All anchors piggied. Commander and Brute Tide on location. Mermaid Raider arrived 19:30 - offloading.

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock			
DRILL WATER (bbl):	164	3,209	FUEL (bbl):	16	1,463	GEL (sx):	0	475	HELI-FUEL (kltr):	0.0	12.4
POT WATER (bbl):	0	1,642	BARITE (sx):	0	6,482	CEMENT (sx):	0	5,842			

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	3/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	12	#PTW	ongoing
				Safety Meeting	3/5/98

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	66	97	680	3600	30	450	3000	9.4
2	Nat. 12-P.	6.50	66	97			40	650	3000	9.4
							50	825	3000	9.4
							30	490	3000	9.4
							40	625	3000	9.4
							50	800	3000	9.4

# Premier Oil

## DAILY DRILLING REPORT # 36

Report Date: 09.05.98

Yolla-2

Casing					
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	69
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Aslatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	McLeod & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2
		Alfa Laval	1

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	"V" SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Fast Tool Type :	A/drift	2,202		0.00							A/drift
Magnetic Declination :	12.60	2,348		0.00							A/drift
Survey method :	Min Curvature	2,489		0.00							A/drift
		2,575		1.00							A/drift
		2,660		2.00							A/drift
		2,661		2.00							A/drift
		2,738		1.50							A/drift
		2,892		2.00							A/drift



TASMANIA DEVELOPMENT  
and RESOURCES

Tasmania

ACCOUNTS STATEMENT 30/04/98

Page 1

TASMANIAN EXPLOSIVES

ACCOUNT REFERENCE : P56001

PO BOX 37  
DON  
TASMANIA 7310

Date	Transaction	Document	Ref No	Amount	Amount Paid	Outstanding
21/04/98	INVOICE	57032		300.00	0.00	300.00
21/04/98	INVOICE	57032		3.00	0.00	3.00

TASMANIAN EXPLOSIVES SERVICE

P.O. BOX 37, DON, TASMANIA. 7310 AUSTRALIA

EXPLOSIVES SERVICES  
AUSTRALIA PTY LTD  
ACN 081 960 018

PAID

CH# 000021  
29-4-98

120 Days +	90 Days	60 Days	30 Days	Current	OUTSTANDING AMOUNT DUE
0.00	0.00	0.00	0.00	303.00	303.00

PLEASE RETURN THIS STATEMENT WITH PAYMENT

Payable at : ANZ House, 22 Elizabeth St, Hobart, Ph (03) 6233 5824  
Post to : G.P.O. Box 646 Hobart, Tasmania 7001



or : Gordons Hill Road,  
Rosny Park, Ph (03) 6233 7683



or : Any Service Tasmania Outlet.

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 9, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 8<sup>th</sup> May 1998.

C

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

✓

## Premier Oil

DAILY DRILLING REPORT # 35

Report Date: 08.05.98

Yolla-2

Well Data		T.D. (m RT):		CUR. HOLE SIZE ("):		DAILY COST \$:	
COUNTRY	Australia	2,954.0		12.25		\$183,823	
FIELD	Bass Basin	PROGRESS (m):	70.0	CSG OD ("):	13.38	CUM COST \$:	\$8,711,957
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	29.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
MUD CO:	Dowell	CURRENT OP @ 0600: RIH and wash to bottom after changing out washed out drill pipe.					
RT ABOVE MSL (m):	12.5	PLANNED OP.: Drill ahead to prognosed coring point. Core					
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

## Summary of period 00:00 to 24:00 hrs:

Drill 12 1/4" hole from 2884-2900m. Circulate bottoms up. Drill 2900-2907m. POOH 16stds for washed out DP. Drill 2907-2954m. POOH 22stds for washed out DP

## Formation Tops - This report only

FORMATION	TOP(mBRT)

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 08.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:30	.50	2,885	Drill 12 1/4" hole from 2884m - 2885m w/ 20-40k lbs WOB, 120-160rpm, 4-6k ft-lbs torque, 680 gpm, 3600psi.
00:30	01:30	1.00	2,885	Change swab and liner #1 pump - piston 1. With bit off bottom circulating 350gpm / rotating.
01:30	03:30	2.00	2,892	Drill 12 1/4" hole from 2885m - 2892m w/ 20-40k lbs WOB, 120-160rpm, 4-6k ft-lbs torque, 680 gpm, 3600psi.
03:30	04:00	.50	2,892	Rig Service. Take Anderdrift survey - 2deg. Take SCR's
04:00	05:30	1.50	2,900	Drill 12 1/4" hole from 2892m - 2900m w/ 20-40k lbs WOB, 120-160rpm, 4-6k ft-lbs torque, 680 gpm, 3600psi. Drilling break from 2897-2900, ROP 25+m/hr - flow checked OK.
05:30	07:00	1.50	2,900	Circulate bottoms up for sample of high ROP formation. Lost 600psi pump pressure halfway through bottoms up. Continue with circulation observing pressure loss closely. (Pump pressure down from 3600psi to 3000psi)
07:00	08:00	1.00	2,900	After bottoms up, check surface equipment for pressure loss. All surface equipment tested OK.
08:00	08:30	.50	2,907	Set bit on bottom with 20-30k lbs WOB, 680 gpm, 3000psi. Observe pump pressure closely, starting rotation. Pump pressure stable at 3000psi. Continue drilling from 2900m - 2907m. Lost a further 100psi during drilling
08:30	10:30	2.00	2,907	Stop drilling. POOH wet looking for washout. First single of stand #16 off bottom had washout approx 0.5m below tooljoint, coincidentally in DP slip area.
10:30	11:30	1.00	2,907	Change out drill pipe single and run back in hole.
11:30	20:00	8.50	2,949	Drilling ahead 2907m - 2949m w/ 30-45klbs WOB, 160rpm, 3600psi, 680gpm with 6-7k ft-lbs torque. Average ROP 4-6m/hr
20:00	21:00	1.00	2,949	Top drive service - at same time fixing belt on scalping shaker.
21:00	21:45	.75	2,953	Drilling ahead 2949m - 2953m w/ 30-45klbs WOB, 160rpm, 3600psi, 680gpm with 6-7k ft-lbs torque. Average ROP 4-6m/hr.
21:45	22:00	.25	2,954	Drilling ahead 2953m - 2954m w/ 30-45klbs WOB, 160rpm, 3600psi, 680gpm with 6-7k ft-lbs torque. Observe 100psi drop on pump pressure.
22:00	22:30	.50	2,954	Further 350psi pump pressure lost. Check surface equipment for pressure loss. All surface equipment tested OK.
22:30	24:00	1.50	2,954	POOH wet looking for washout. Bottom single of stand #22 off bottom had washout approx 0.5m above the pin.

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 09.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	00:15	.25	2,954	Lay down washed out drill pipe.
00:15	04:30	4.25	2,954	Attempt to RIH. Pipe stuck. Overpull > 70klbs. Establish circulation and slowly build up to 680gpm 3600psi. Work pipe between hook weight 200k - 400klbs. Drop circulation rate to 75gpm, 210psi. Start jarring down and working pipe.
04:30	05:00	.50	2,954	Jar free. Establish rotation, bring up to 110rpm. Bring pumps up to 680gpm, 3600psi. Work stand several times from 2307m - 2328m.
05:00	06:00	1.00	2,954	RIH and wash to bottom.



# Premier Oil

## DAILY DRILLING REPORT # 35

Report Date: 08.05.98

Yolla-2

### Drills, Permits & Inspections

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	3/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	11	#PTW	ongoing
				Safety Meeting	3/5/98

### Casing

CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)
13 3/8 "			853	853

TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
3/4 Collar jt	12.3	12.4	68.0	L80	N.VAM
2 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

### Pump Data

Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	67	97	680	3600	30	480	2892	9.5
2	Nat. 12-P.	6.50	67	97			40	575	2892	9.5
							50	700	2892	9.5
							30	400	2892	9.5
							40	550	2892	9.5
							50	700	2892	9.5

### Personnel : on Site = 92

JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	69
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Mcleod & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2
		Alfa Laval	1

### Survey

Last Tool Type : A/drift  
 Magnetic Declination : 12.60  
 Survey method : Min Curvature

MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
2,202		0.00							A/drift
2,348		0.00							A/drift
2,489		0.00							A/drift
2,575		1.00							A/drift
2,660		2.00							A/drift
2,661		2.00							A/drift
2,738		1.50							A/drift
2,892		2.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 6, 1998
<b>Phone:</b>	<b>Pages:</b> 4
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**  
  **For Review**  
  **Please Comment**  
  **Please Reply**  
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 5<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB ✓

# Premier Oil

## DAILY DRILLING REPORT # 32

Report Date: 05.05.98

Yolla-2

Well Data		Australia		T.D. (m RT):		CUR. HOLE SIZE ("):		DAILY COST \$:	
COUNTRY	Australia	T.D. (m RT):	2,738.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$487,461		
FIELD	Bass Basin	PROGRESS (m):	102.0	CSG OD ("):	13.38	CUM COST \$:	\$8,528,133		
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	26.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205		
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A		
MUD CO:	Dowell								
RT ABOVE MSL (m):	12.5	CURRENT OP @ 0600: POOH for bit trip. Bit at 13 3/8" casing shoe							
WATER DEPTH @MSL (m):	81.5	PLANNED OP.: RIH, Drill ahead to coring point. Core.							
RT TO SEABED (m):	94.0								

**Summary of period 00:00 to 24:00 hrs:**

Drilled 12 1/4" hole from 2636m -2738m, Circulate bottoms up prior to POOH

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 05.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:45	2.75	2,652	Drill 12 1/4" hole 2636-2652m w/ 120prm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr.
02:45	04:00	1.25	2,663	2652- 2656m, 4m drilling break flow checked OK. Drill 12 1/4" hole 2652-2663m w/ 120prm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr. Bottoms up from drilling break gave max 36% gas in returns.
04:00	04:45	.75	2,663	Circulated drilled gas from returns prior to making connection. Take Anderdrift survey - 2deg @ 2660m, using 500gpm flowrate, after connection.
04:45	06:00	1.25	2,671	Drill 12 1/4" hole 2663-2671m w/ 120prm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr. Anderdrift survey taken at 2661m confirming 2deg deviation.
06:00	10:30	4.50	2,694	Drill 12 1/4" hole 2671-2694m w/ 100-160rpm, 30-45klbs WOB, 5-8k ft-lbd torque, 705gpm, 3600psi. Changed drilling parameters WOB & RPM as dictated by formation drilled. Av ROP 5/hr
10:30	11:00	.50	2,694	Make connection after back reaming / circulating stand for 5 mins - Take SCR's
11:00	22:30	11.50	2,738	Drill 12 1/4" hole 2694-2738m w/ 110rpm, +/- 45klbs WOB, 5-8k ft-lbd torque, 705gpm, 3600psi. Av ROP @2695m 4.5/hr, Av ROP @2700m 6.1m/hr, Av ROP @2704m 2.7m/hr, Av ROP @2722m 8m/hr, Av ROP @ 2738m 3.4m /hr
22:30	24:00	1.50	2,738	Circulate bottoms up. Take Anderdrift survey = 1.5deg. Flow check OK

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 06.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:00	1.00	2,738	Pull 5 stands wet. Slug 30bbl weighted pill. POOH to 2565m. Overpull up to 20klbs
01:00	01:30	.50	2,738	Overpull 70klbs plus. M/U top drive, work tight hole 2567 - 2565m while rotating, no circulation.
01:30	01:45	.25	2,738	Work tight hole 2567 - 2560m while rotating and circulating. Pull free - wash and ream stand.
01:45	06:00	4.25	2,738	Pull 5 stands wet. Slug 30bbl weighted pill. POOH to 13 3/8" casing shoe. Pulling up to 50klbs over @ 2422, 2250 & 2225. Flow checked well at 04:00 - OK

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 05.05.98**

Mud Properties		MUD COST FOR TODAY: \$11,981		CUMULATIVE MUD COST TO DATE: \$178,801					
Type :	KCI PHPA	VISCOSITY( sec / qt ):	51	API FLUID LOSS (cm3/30min)	5	Cl- (ppm):	39,000	SOLIDS (%vol):	4.9
FROM :		PV (cps):	16	API FILTER CAKE (32nds inch)	1	K+ (ppm):	28000	H2O (%vol):	92.5
TIME :	Pit 22:00	YP (lb/100sq.ft):	36	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm):	0	OIL (%vol):	0
WEIGHT (ppg):	1.11	GEL 10s/10m/30m (lb/100sqft):	9 11 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq):	0.0	SAND:	0.4
TEMP (C):	61	FANN 3/6/100	9 11 33		0	PM:	0.0	PH:	9.0
						PF:	.1	PHPA:	0.0

# Premier Oil

## DAILY DRILLING REPORT # 32

Report Date: 05.05.98

Yolla-2

<b>Bit Data for Bit # 6</b>		IADC # 4 1 7		<b>Wear</b>									
SIZE (") :	12.25			I	O1	D	L	B	G	O2	R		
MANUFACTURER :	RE	AVE WOB (k-lbs) :	44	<b>NOZZLES</b>				Drilled over the last 24 hrs					
TYPE :	HP41HLK	AVE RPM :	125	3 x14	METERAGE (m) :				102	Calculated over the bit run			
SERIAL # :	4308108	FLOW (gpm) :	703	X	ON BOTTOM HRS :				20.3	CUM.METERAGE (m) :			158
DEPTH IN (m RT) :	2580	PUMP PRESS. (psi) :	3,600	X	IADC DRILL. HRS :				22.5	CUM. ON BOT. HRS :			30.4
DEPTH OUT (m RT) :	2738	HSI (hp/sqi) :	1	X	TOTAL REVS :				152,400	CUM.IADC DRILL HRS :			35.5
				X	ROP (m/hr) :				4.5	CUM.TOT. REVS :			228,000
				X						ROP (m/hr) :			4.5

<b>BHA # 8</b>		<b>Length (ft) :198.4</b>						D.C. (1) ANN. VELOCITY (mpm) :		200
HRS ON JARS :		STRING WT(k-lbs) :	282	TRQE MAX (ft-lbs) :	11,790	D.C. (2) ANN VELOCITY (mpm) :		200		
WT BLW JAR(k-lbs) :	40	PICK UP WT(k-lbs) :	290	TRQE ON (ft-lbs) :	6,013	H.W.D.P. ANN VELOCITY (mpm) :		138		
BHA WT(k-lbs) :	59	SLK OFF WT(k-lbs) :	275	TRQE OFF (ft-lbs) :	4,000	D.P. ANN VELOCITY (mpm) :		138		
<b>BHA DESCRIPTION :</b>				<b>TOOL DESCRIPTION</b>		<b>HRS</b>	<b>SERIAL #</b>	<b>COMMENT</b>		
12 1/4" rock bit -12/14"NB Stab c/w float -				REED HP41HLK 12 1/4" bit		35.5	LJ4759			
8"Андердрифт - 8"Пони NMDC - 12 1/4" Stab - Totco				Андердрифт tool		36.2	ADB814	New in hole at 2580m		
ing - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -				HE hydra jar		296.0	2872	Used in 17 1/2" section		
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.										

<b>Anchor Tension (kips)</b>	A1 : 40.0	A2 : 50.0	A3 : 70.0	A4 :	A5 : 70.0
	A6 : 70.0	A7 : 75.0	A8 : 70.0	A9 :	A10 :

<b>Workboats</b>	Location	Fuel (kltr)	Barite (sx)	D/wr (bbl)	P/wr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>					
M. Raider	at rig	136		240	91				WIND SP. (kts) :	13.0	VISIB.(nm) :	10	VDL (kips) :	522.0
									WIND DIR (deg) :	75	CEILING (m) :	2,400	RIS.TENS :	11
									PRES.(mbars) :	1015	WAVES (m) :	1.7	HEAVE (m) :	0.5
									AIR TEMP (C) :	15.0	SWELL (m) :	2.7	ROLL (deg) :	0.5
													PITCH (deg) :	1.0

COMMENTS : All anchors pigged. Tension meter on #4 winch broken. 6 PAX off 5 PAX on. Raider on location. Edward J Farnie released at 18:00

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bbl) :	498 1,309	FUEL (bbl) :	15 1,525	GEL (sx) :	0 475	HELI-FUEL (kltr) :	0.0 13.2
POT WATER (bbl) :	0 1,623	BARITE (sx) :	0 6,482	CEMENT (sx) :	0 5,842		

<b>Drills, Permits &amp; Inspections</b>					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	3/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	9	#PTW	ongoing
				Safety Meeting	3/5/98

<b>Casing</b>					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

<b>Pump Data</b>										
Pump Data - last 24 hrs						Slow Pump Data				
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	703	3600	30	675	2693	9.2
2	Nat. 12-P.	6.50	70	97			40	825	2693	9.2
							50	925	2693	9.2
							30	700	2693	9.2
							40	800	2693	9.2
							50	975	2693	9.2

**Premier Oil****DAILY DRILLING REPORT # 32**

Report Date: 05.05.98

**Yolla-2****Personnel : on Site = 93**

JOB TITLE	NAME	COMPANY NAME	#
Drlg Supervisor	Knobl	Premier	5
N. Drlg Supervisor	Harrison	Northern	71
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	McLeod & Nicoll	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	EW (m)	TOOL TYPE
Last Tool Type : A/drift										
Magnetic Declination : 12.60										
Survey method : Min Curvature										
	1.994		0.00							A/drift
	2.202		0.00							A/drift
	2.348		0.00							A/drift
	2.489		0.00							A/drift
	2.575		1.00							A/drift
	2.660		2.00							A/drift
	2.661		2.00							A/drift
	2.738		1.50							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 5, 1998
<b>Phone:</b>	<b>Pages:</b> 5
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 4<sup>th</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB ✓ ✓ 16

## Premier Oil

DAILY DRILLING REPORT # 31

Report Date: 04.05.98

Yolla-2

Well Data		T.D. (m RT):	2,636.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$226,852
COUNTRY	Australia	PROGRESS (m):	56.0	CSG OD ("):	13.38	CUM COST \$:	\$8,040,672
FIELD	Bass Basin	DAYS FROM SPUD:	25.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: Drill 12 1/4" hole at 2671m					
MUD CO:	Dowell	PLANNED OP.: Drill ahead to coring point. Core.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

## Summary of period 00:00 to 24:00 hrs:

M/U new tri cone bit, RIH, Drill 2580m to 2636m. Drilling volcanic's.

## Formation Tops - This report only

FORMATION	TOP(mBRT)

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 04.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:15	2.25	2,580	POOH to surface - rack pipe in derrick
02:15	03:30	1.25	2,580	Breakout out BD447 PDC bit and M/U new REED tricone bit EHP41HLK bit 4-1-7 dressed with 3x 14's. Breakout Anderdrift tool and M/U new Anderdrift to BHA. Gauge stabs - NB stab 1/16" UG, string stabs OK
03:30	06:30	3.00	2,580	RIH to to 13 3/8" casing shoe. Function test Anderdrift tool - OK. Function test BOP's and failsafes.
06:30	07:30	1.00	2,580	Slip and cut drilling line.
07:30	10:30	3.00	2,580	Continue RIH to 2539m. Tag 41m of fill (possibly due to relaxing of hole after MW reduction from 9.4ppg (1.13sg) to 9.1ppg (1.09sg)).
10:30	11:00	.50	2,580	Wash down to bottom
11:00	12:00	1.00	2,581	Break in bit with 100rpm, 10-20k WOB, 2.5-5k ft-lbs, 706gpm, 3600psi, from 2580 to 2581m. Formation appeared to be very hard. Slow ROP with light break in parameters.
12:00	13:00	1.00	2,583	Continue drilling from 2581 - 2583m w/ 110-60rpm 35-45klbs WOB, 4-5.5k ft-lbs torque, 703gpm, 3600psi. Shakers loaded with cutting and cavings on bottoms up. 3% CO2 observed.
13:00	13:30	.50	2,583	At 2583m high erratic torque with string stalling and temporary stuck pipe. Work bit through high torque area.
13:30	14:30	1.00	2,586	Commence drilling ahead from 2583m with 145-150rpm, and +/- 20k lbs WOB until smoother torque pattern observed at 2586m
14:30	15:00	.50	2,588	Continue drilling with increased WOB to 35klbs, 140rpm 3.5-6.5k ft-lbs torque from 2586 - 2588m. Instantaneous ROP at 2585m +/- 4m/hr
15:00	16:30	1.50	2,594	Increase RPM 150-160rpm other parameters as above. Torque 5-8k ft-lbs. Drilling 2588- 2594m. Instantaneous ROP at 2590m, 10-20m/hr but contd string stalling made drilling ahead very difficult. (Heave compensator & Interbedded formations)
16:30	24:00	7.50	2,636	Drill 12 1/4" hole 2594-2636m w/ 120prpm, 35-45klbs WOB, 700gpm, 3600psi. Samples showed almost 100% volcanics (Dolerite) from 2580 - 2613m. Very slow ROP +/-4m/hr. From 2613m drilled homogeneous siltstone/shale formation at +/- 10m/hr.

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 05.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:45	2.75	2,652	Drill 12 1/4" hole 2636-2652m w/ 120prpm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr.
02:45	04:00	1.25	2,663	2652- 2656m, 4m drilling break flow checked OK. Drill 12 1/4" hole 2652-2663m w/ 120prpm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr. Bottoms up from drilling break gave max 36% gas in returns.
04:00	04:45	.75	2,663	Circulated drilled gas from returns prior to making connection. Take Anderdrift survey - 2deg @ 2660m, using 500gpm flowrate, after connection.
04:45	06:00	1.25	2,671	Drill 12 1/4" hole 2663-2671m w/ 120prpm, 35-45klbs WOB, 700gpm, 3600psi. ROP +/- 10m/hr. Anderdrift survey taken at 2661m confirming 2deg deviation.

## ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 04.05.98

# Premier Oil

## DAILY DRILLING REPORT # 31

Report Date: 04.05.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Anderdrift survey at 2575m gave 1deg. New survey tool took 10min to run through its pulse cycles. Attempted survey at 2536m with 529gpm flowrate - no pulses. Mud losses at the start of the bit run from 2580m - 2583m - 20bph, Thereafter 5 bph which can be attributed to solids control losses and hole fill.	

Mud Properties		MUD COST FOR TODAY: \$10,941	CUMULATIVE MUD COST TO DATE: \$166,819			
Type : <b>KCI PHPA</b>	VISCOSITY( sec / qt ): 49	API FLUID LOSS (cm3/30min) 5	Cl - (ppm) : 40,000	SOLIDS (%vol) : 4.4		
FROM : FL	PV (cps) : 15	API FILTER CAKE (32nds inch) 1	K+ (ppm) : 28000	H2O (%vol) : 93.0		
TIME : 22:30	YP (lb/100sq.ft) : 32	HTHP FLUID LOSS (cm3/30min) 0	HARD/Ca (ppm) : 0	OIL (%vol) : 0		
WEIGHT (ppg) : 1.11	GEL 10s/10m/30m (lb/100sqft) : 8 10 0	HTHP FILTER CAKE (32nds inch) 0	MBT (ppb eq) : 0.0	SAND : 0.7		
TEMP (C) : 57	FANN 3/6/100 8 10 29		PM: 0.0	PH: 9.2		
			PF: .3	PHPA: 0.0		

Bit Data for Bit # 5		IADC # M 4 3 3	Wear								
			I	O1	D	L	B	G	O2	R	
			0	1	WT	N/T/S	X	1/16	NO	PR	
SIZE (") : 12.25	MANUFACTURER : HU	AVE WOB (k-lbs) : 0	NOZZLES				Drilled over the last 24 hrs				
TYPE : BD447	SERIAL # : 1902101	AVE RPM : 0	2 X18	METERAGE (m) : 0				Calculated over the bit run			
DEPTH IN (m RT) : 2306	DEPTH OUT (m RT) : 2580	FLOW (gpm) : 0	6 X14	ON BOTTOM HRS : 0.0				CUM.METERAGE (m) : 274			
		PUMP PRESS. (psi) : 0	X	IADC DRILL. HRS : 0.0				CUM. ON BOT. HRS : 37.3			
		HSI (hp/sqi) : 0	X	TOTAL REVS : 0				CUM.IADC DRILL HRS : 43.8			
			X	ROP (m/hr) : 6.3				CUM.TOT. REVS : 0			
				ROP (m/hr) : 6.3							

Bit Data for Bit # 6		IADC # 4 1 7	Wear								
			I	O1	D	L	B	G	O2	R	
SIZE (") : 12.25	MANUFACTURER : RE	AVE WOB (k-lbs) : 39	NOZZLES				Drilled over the last 24 hrs				
TYPE : HP41HLK	SERIAL # : LJ4759	AVE RPM : 116	3 X14	METERAGE (m) : 56				Calculated over the bit run			
DEPTH IN (m RT) : 2580	DEPTH OUT (m RT) :	FLOW (gpm) : 700	X	ON BOTTOM HRS : 10.1				CUM.METERAGE (m) : 56			
		PUMP PRESS. (psi) : 3,439	X	IADC DRILL. HRS : 13.0				CUM. ON BOT. HRS : 10.1			
		HSI (hp/sqi) : 1	X	TOTAL REVS : 70,157				CUM.IADC DRILL HRS : 13.0			
			X	ROP (m/hr) : 4.3				CUM.TOT. REVS : 70,157			
				ROP (m/hr) : 4.3							

BHA # 7 Length (ft) : 198.4						D.C. (1) ANN. VELOCITY (mpm) : 214	
HRS ON JARS :	STRING WT(k-lbs) : 272	TRQE MAX (ft-lbs) : 14,881			D.C. (2) ANN VELOCITY (mpm) : 214		
WT BLW JAR(k-lbs) : 40	PICK UP WT(k-lbs) : 268	TRQE ON (ft-lbs) : 6,564			H.W.D.P. ANN VELOCITY (mpm) : 147		
BHA WT(k-lbs) : 59	SLK OFF WT(k-lbs) : 278	TRQE OFF (ft-lbs) : 4,000			D.P. ANN VELOCITY (mpm) : 147		
BHA DESCRIPTION :	TOOL DESCRIPTION		HRS	SERIAL #	COMMENT		
12 1/4" PDC bit -12/14"NB Stab c/w float -	BD447 PDC bit	43.8	1902101				
8" Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -	8" Hydra jar	282.1	2872	Used in 17 1/2" section			
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	8" Anderdrift	289.4	ADT811	Used in all sections			

BHA # 8 Length (ft) : 198.4						D.C. (1) ANN. VELOCITY (mpm) : 214	
HRS ON JARS :	STRING WT(k-lbs) : 277	TRQE MAX (ft-lbs) : 13,795			D.C. (2) ANN VELOCITY (mpm) : 214		
WT BLW JAR(k-lbs) : 40	PICK UP WT(k-lbs) : 282	TRQE ON (ft-lbs) : 5,817			H.W.D.P. ANN VELOCITY (mpm) : 147		
BHA WT(k-lbs) : 59	SLK OFF WT(k-lbs) : 272	TRQE OFF (ft-lbs) : 4,000			D.P. ANN VELOCITY (mpm) : 147		
BHA DESCRIPTION :	TOOL DESCRIPTION		HRS	SERIAL #	COMMENT		
12 1/4" rock bit -12/14"NB Stab c/w float -	REED HP41HLK 12 1/4" bit	13.0	LJ4759				
8" Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -	Anderdrift tool	13.0	ADB814	New in hole at 2580m			
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	HE hydra jar	273.6	2872	Used in 17 1/2" section			

# Premier Oil

## DAILY DRILLING REPORT # 31

Report Date: 04.05.98

Yolla-2

<b>BHA # 8 Length (ft) :</b>			D.C. (1) ANN. VELOCITY (mpm):	0
HRS ON JARS :	STRING WT(k-lbs) :	TRQE MAX (ft-lbs):	D.C. (2) ANN VELOCITY (mpm):	0
WT BLW JAR(k-lbs):	PICK UP WT(k-lbs):	TRQE ON (ft-lbs):	H.W.D.P. ANN VELOCITY (mpm):	0
BHA WT(k-lbs) :	SLK OFF WT(k-lbs):	TRQE OFF (ft-lbs):	D.P. ANN VELOCITY (mpm) :	0
BHA DESCRIPTION :				
		TOOL DESCRIPTION	HRS	SERIAL #
		COMMENT		

<b>Anchor Tension (kips)</b>		A1 : 40.0	A2 : 55.0	A3 : 70.0	A4 :	A5 : 70.0					
		A6 : 70.0	A7 : 75.0	A8 : 70.0	A9 :	A10 :					
<b>Workboats</b>	Location.	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>		
M. Raider	at rig	136		566	151				WIND SP. (kts) : 25.0	VISIB.(nm) : 10	VDL (kips): 399.0
Edward J. Farnie	at rig								WIND DIR (deg) : 95	CEILING (m) : 2,500	RIS.TENS: 11
									PRES.(mbars): 1022	WAVES (m) : 1.5	HEAVE (m) : 0.5
									AIR TEMP (C) : 15.0	SWELL (m) : 2.4	ROLL (deg) : 0.5
									PITCH (deg) : 1.0		
COMMENTS : All anchors pigged. Tension meter on #4 winch broken. No helicopters. Raider & Edward J Farnie on location.											

<b>Bulk Stocks</b>	Used / In Stock			
DRILL WATER (bbl) : 359	1,807	FUEL (bbl) : 15	1,540	GEL (sx) : 0
POT WATER (bbl) : 183	1,567	BARITE (sx) : 0	6,482	CEMENT (sx) : 0
				475
				5,842
				HELI-FUEL (kltr) : 0.0
				13.2

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	3/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	8	#PTW	ongoing
				Safety Meeting	3/5/98

Casing						
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)		
13.3/8 "			853	853		
TYPE	LNGLH (m)	CSG ID(")	WT lbs/ft	GRD	THREAD	
Shoe jt	14.9	12.4	68.0	L80	N.VAM	
1 x jt	11.5	12.4	68.0	L80	N.VAM	
F/Collar jt	12.3	12.4	68.0	L80	N.VAM	
62 x jts	713.4	12.4	68.0	L80	N.VAM	
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM	
WH jt	5.5	12.4	68.0	L80	N.VAM	

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3600	30	700	2609	9.1
2	Nat. 12-P.	6.50	70	97			40	800	2609	9.1
							50	880	2609	9.1
							30	620	2609	9.1
							40	750	2609	9.1
							50	850	2609	9.1

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Cox & Mliroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2

**Premier Oil**

**DAILY DRILLING REPORT # 31**

Report Date: 04.05.98

**Yolla-2**

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift										
Magnetic Declination :	12.60										
Survey method :	Min Curvature	1,829		0.50							A/drift
		1,994		0.00							A/drift
		2,202		0.00							A/drift
		2,348		0.00							A/drift
		2,489		0.00							A/drift
		2,575		1.00							A/drift
		2,660		2.00							A/drift
		2,661		2.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon

**From:** Gordon Hunter

**Fax:** \_\_\_\_\_ **Date:** May 4, 1998

**Phone:** \_\_\_\_\_ **Pages:** \_\_\_\_\_

**Re:** Yolla 2 Daily Drilling Reports **CC:** \_\_\_\_\_

- Urgent     For Review     Please Comment     Please Reply     Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 3<sup>rd</sup> May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

✓

## Premier Oil

## DAILY DRILLING REPORT # 30

Report Date: 03.05.98

Yolla-2

Well Data		T.D. (m RT) :		CUR. HOLE SIZE (") :		DAILY COST \$ :	
COUNTRY	Australia	2,580.0		12.25		\$157,358	
FIELD	Bass Basin	PROGRESS (m) :	107.0	CSG OD (") :	13.38	CUM COST \$ :	\$7,813,820
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	24.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
MUD CO.:	Dowell	CURRENT OP @ 0600 : RIH with new bit					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Drill ahead to coring point. Core.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

## Summary of period 00:00 to 24:00 hrs:

Drill 12 1/4" hole from 2473m - 2580m. Varying parameters in attempt to increase ROP. POOH for bit trip.

## Formation Tops - This report only

FORMATION	TOP(mBRT)

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 03.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	07:00	7.00	2,519	Drilled 12 1/4" hole 2473 - 2519m w/ 7-15klbs WOB 180rpm, 650 - 700gpm, 1800 - 2100psi. Erratic torque 3 -12k ft-lbs. Gas peak of 13.75% at 2492m. Losses of 14bbls/hr of which 3/hr to mud cleaners, 7-8 at shakers and the rest to the hole.
07:00	08:00	1.00	2,519	Top drive service/ connection. Boost riser through Choke and Kill lines to clear cuttings that may have accumulated.
08:00	13:00	5.00	2,560	Drilled 12 1/4" hole 2519 - 2560m whilst varying parameters from 5-30klbs WOB 100 -180rpm, 650 - 750gpm, 1970 - 2540psi, to improve ROP which slowed down frequently to 2m/hr and less. Flow check at 2545m
13:00	16:30	3.50	2,571	Drilled 12 1/4" hole 2560 - 2571m w/ 5-30klbs WOB, 100 -180rpm, and reduced flowrate to 650gpm - 2100psi to reduce losses. Average ROP 3.6m/hr
16:30	17:30	1.00	2,571	Drilling ahead but no ROP - suspected bit balling. Prepare caustic pill, while working bit to restart ROP with higher flowrate at 750gpm.
17:30	18:00	.50	2,577	Drill 12 1/4" hole from 2571-2577m. Bit cleared up after 1 hour with increased flowrate of 750gpm, 2540psi ( caustic pill not pumped ) Drilling ahead at 12m/hr. 5-30klbs WOB, 180RPM.
18:00	19:00	1.00	2,580	Made connection - drilled ahead from 2577m to 2580m. ROP dropped again. Pumped 40bbl caustic pill.
19:00	20:15	1.25	2,580	Slowly pump caustic pill through bit, allowing bit to soak. Attempt to continue drilling ahead. Increase flowrate to 820gpm after caustic pill above bit.
20:15	20:30	.25	2,580	Unable to make any progress. Circulate bottoms up from time of last metre drilled. Attempt to take Anderdrift survey - not working. Flow check well.
20:30	24:00	3.50	2,580	Pull 5 stands wet prior to pumping weighted 30bbl slug. POOH to 650m. 0-5k lbs overpull.

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 04.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:15	2.25	2,580	POOH to surface - rack pipe in derrick
02:15	03:30	1.25	2,580	Breakout out BD447 PDC bit and M/U new REED tricone bit EHP41HLK bit 4-1-7 dressed with 3x 14's. Breakout Anderdrift tool and M/U new Anderdrift to BHA. Gauge stabs - NB stab 1/16" UG, string stabs OK
03:30	06:00	2.50	2,580	RIH to 785m with new bit.

## ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 03.05.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Very low and steady torque of 3-4k ft-lbs with up to 30klbs WOB seems to indicate bit balling. Possibly not enough bit cutting structure cleaning, with large nozzle sizes ( 2 x 18, 6 x 14) selected, compromising hydraulic considerations in favor of enabling to pump various LCM pills without plugging the bit - should hole condition/ mud losses require this action. Mud losses increase at times of higher flow rates, to attempt to clean bit, to +/- 20bph.	

# Premier Oil

## DAILY DRILLING REPORT # 30

Report Date: 03.05.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
CO2 = 0.54% observed prior to gas peaks @ 2481m and 2527m Fuel figures are to be investigated - following discrepancy of 20MT between what has been dipped on the NEILL and what has been delivered by Mermaid Raider.	Corrections will be made in next report

Mud Properties		MUD COST FOR TODAY: \$5,644		CUMULATIVE MUD COST TO DATE: \$155,878	
Type:	VISCOSITY( sec / qt): 54	API FLUID LOSS (cm3/30min): 5	Cl - (ppm): 42,000	SOLIDS (%vol): 4.3	
Active S	PV (cps): 18	API FILTER CAKE (32nds inch): 1	K+ (ppm): 28000	H2O (%vol): 93.0	
FROM:	YP (lb/100sq.ft): 37	HTHP FLUID LOSS (cm3/30min): 0	HARD/Ca (ppm): 0	OIL (%vol): 0	
TIME:	GEL 10s/10m/30m (lb/100sqft): 8 11 0	HTHP FILTER CAKE (32nds inch): 0	MBT (ppb eq): 0.0	SAND: 0.4	
WEIGHT (ppg): 1.10	FANN 3/6/100 8 10 34		PM: 0.0	PH: 9.2	
TEMP (C): 52			PF: .2	PHPA: 0.0	

Bit Data for Bit # 5		IADC # M 4 3 3			Wear								
SIZE ("):	12.25	NOZZLES	I	O1	D	L	B	G	O2	R			
MANUFACTURER:	HU	2 X18	Drilled over the last 24 hrs		Calculated over the bit run								
TYPE:	BD447	6 X14	METERAGE (m):	107	CUM.METERAGE (m): 274								
SERIAL #:	1902101	X	ON BOTTOM HRS:	16.5	CUM. ON BOT. HRS: 37.3								
DEPTH IN (m RT):	2306	X	IADC DRILL. HRS:	19.0	CUM.IADC DRILL HRS: 43.8								
DEPTH OUT (m RT):	2580	X	TOTAL REVS:	152,360	CUM.TOT. REVS: 367,032								
			ROP (m/hr):	5.6	ROP (m/hr): 6.3								

BHA # 7 Length (ft) :198.4		STRING WT(k-lbs): 272		TRQE MAX (ft-lbs): 14,881		D.C. (1) ANN. VELOCITY (mpm): 185	
HRS ON JARS:		PICK UP WT(k-lbs): 268	TRQE ON (ft-lbs): 6,564	D.C. (2) ANN VELOCITY (mpm): 185		H.W.D.P. ANN VELOCITY (mpm): 127	
WT BLW JAR(k-lbs): 40		SLK OFF WT(k-lbs): 278	TRQE OFF (ft-lbs): 4,000	D.P. ANN VELOCITY (mpm): 127			
BHA WT(k-lbs): 59							

BHA DESCRIPTION:	TOOL DESCRIPTION	HRS	SERIAL #	COMMENT
12 1/4" PDC bit -12/14"NB Stab cw float -	BD447 PDC bit	43.8	1902101	
8"Андердрift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -	8" Hydra jar	282.1	2872	Used in 17 1/2" section
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	8" Андердрift	289.4	ADT811	Used in all sections

Anchor Tension (kips)	A1 : 40.0	A2 : 45.0	A3 : 80.0	A4 :	A5 : 70.0
	A6 : 70.0	A7 : 70.0	A8 : 65.0	A9 :	A10 :

Workboats		Fuel (kltr)		Barite (sx)		Dwtr (bbl)		Pwtr (bbl)		Cmt (sx)		Bent (sx)		Heli (kltr)		Weather & Rig data @ 24:00 hrs			
M. Raider	at rig	136		566		151											WIND SP. (kts): 10.0	VISIB.(nm): 10	VDL (kips): 524.0
Edward J. Farnie	at rig																WIND DIR (deg): 70	CEILING (m): 2,500	RIS.TENS: 11
																	PRES.(mbars): 1029	WAVES (m): 1.0	HEAVE (m): 0.5
																	AIR TEMP (C): 15.0	SWELL (m): 2.2	ROLL (deg): 0.5
																			PITCH (deg): 1.0

COMMENTS: All anchors piggied. Tension meter on #4 winch broken. No helicopters. Raider & Edward J Farnie on location.

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock	
DRILL WATER (bbl): 371	2,165	FUEL (bbl): 58	1,555	GEL (sx): 0	475	HELI-FUEL (kltr): 0.0	13.2		
POT WATER (bbl): 32	1,448	BARITE (sx): 0	6,482	CEMENT (sx): 0	5,842				

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	3/5/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	7	#PTW	ongoing
				Safety Meeting	3/5/98

# Premier Oil

## DAILY DRILLING REPORT # 30

Report Date: 03.05.98

Yolla-2

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8"			853	853	
TYPE	LNGTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
#	TYPE	Pump Data - last 24 hrs					Slow Pump Data			
		LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	75	97	750	1800	30	300	2521	9.2
2	Nat. 12-P.	6.50	75	97			40	400	2521	9.2
							50	500	2521	9.2
							30	300	2521	9.2
							40	400	2521	9.2
							50	500	2521	9.2

Personnel : on Site = 92			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift										A/drift
Magnetic Declination :	12.60										A/drift
Survey method :	Min Curvature	1,475		0.00							A/drift
		1,631		0.00							A/drift
		1,710		0.00							A/drift
		1,829		0.50							A/drift
		1,994		0.00							A/drift
		2,202		0.00							A/drift
		2,348		0.00							A/drift
		2,489		0.00							A/drift

# Premier Oil

Yolla 2 DAILY DRILLING REPORT # 29

Report Date: 02.05.98

Yolla-2

<b>Well Data</b>		T.D. (m RT): <b>CAS</b> 2,473.0	CUR. HOLE SIZE ("): 12.25	DAILY COST \$: \$161,588
COUNTRY: Australia	FIELD: Bass Basin	PROGRESS (m): 145.0	CSG OD ("): 13.38	CUM COST \$: \$7,656,461
DRILL CO.: Northern Offshore	RIG: Northern Explorer III	DAYS FROM SPUD: 23.13	SHOE TVD (m RT): 853	AFE COST \$: \$10,108,205
MUD CO: Dowell		DAYS +/- CURVE:	LEAK-OFF EMW(ppg) 0.00	AFE BASIS: P&A
RT ABOVE MSL (m): 12.5		CURRENT OP @ 0600: Drilling ahead 12 1/4" hole at 2511m		
WATER DEPTH @MSL (m): 81.5		PLANNED OP.: Drill ahead to coring point. Core.		
RT TO SEABED (m): 94.0				

**Summary of period 00:00 to 24:00 hrs:**  
 Drill 12 1/4" hole from 2328m to 2473m. Offload Mermaid Raider.

FORMATION TOPS - This report only	
FORMATION	TOP(mBRT)

### ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 02.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	2,364	Drilled 12 1/4" hole 2328 - 2364m w/ 2-12klbs WOB 170-190rpm, 700gpm, 2180psi. Erratic torque 0 -15k ft-lbs. Cont losses 20bbls/hr
06:00	17:30	11.50	2,432	Drilled 12 1/4" hole 2364 - 2432m w/ 5-15klbs WOB 170-180rpm, 650gpm, 1750psi. Erratic torque 0 -15k ft-lbs. 20bbls/hr losses of which 8-15bbls/hr can be attributed to the hole and the remainder to the surface system.
17:30	18:30	1.00	2,432	Saver sub broke loose during connection. Pulled 2 stands off bottom and circulate low rate while re-torque saver sub to maximum. Flush choke and kill lines.
18:30	24:00	5.50	2,473	Drilled 12 1/4" hole 2432 - 2473m w/ 7-15klbs WOB 180rpm, 650gpm, 1800psi. Erratic torque 3 -12k ft-lbs.

### ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 03.05.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	2,511	Drilled 12 1/4" hole 2473 - 2511m w/ 7-15klbs WOB 180rpm, 650 - 700gpm, 1800 - 1950psi. Erratic torque 3 -12k ft-lbs. Gas peak of 13.75% at 2492m. Losses of 14bbls/hr of which 3/hr to mud cleaners, 7-8 at shakers and the rest to the hole.

### ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 02.05.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Bulk fuel and water figures not updated as bunkering of fuel and water still taking place at time of report. Mermaid Raider manifest shows 500m3 of 'useable fuel' however only 350m3 is for the NEIII, with the remainder required for the Raider. Schlumberger welders - s/d nearly all day due to PTW being cancelled while loading of fuel at 11:00, however loading did not actually commence until 19:00. Also poor support from Perth office regarding materials for job.	Usage and delivery will be carried over to next report  Raider Captain should advise Premier Geelong of his fuel requirements. This in addition to NEIII requirements should be loaded out where possible. PTW system being reviewed. Reasons for lack of communication between drilling and marine draws being investigated. Schlumberger Perth office need to be motivated to assist field personnel.

<b>Mud Properties</b>	MUD COST FOR TODAY: \$9,935	CUMULATIVE MUD COST TO DATE: \$150,234
Type : Active S	VISCOSITY( sec / qt ): 62	API FLUID LOSS (cm3/30min) 5
FROM: FL	PV (cps) : 15	API FILTER CAKE (32nds inch) 1
TIME: 23:00	YP (lb/100sq.ft): 30	HTHP FLUID LOSS (cm3/30min) 0
WEIGHT (ppg): 1.10	GEL 10s/10m/30m (lb/100sqft) : 6 9 0	HTHP FILTER CAKE (32nds inch) 0
TEMP (C) : 50	FANN 3/6/100 6 8 28	Cl- (ppm) : 40,000
		K+ (ppm) : 25700
		HARD/Ca (ppm) : 0
		MBT (ppb eq) : 0.0
		PM: 0.0
		PF: .2
		SOLIDS (%vol) : 4.9
		H2O (%vol) : 93.5
		OIL (%vol) : 0
		SAND : 0.8
		PH : 9.0
		PHPA : 0.0

Report Date: 02.05.98

Yolla-2

<b>Bit Data for Bit # 5</b>				IADC #	M	4	3	3	<b>Wear</b>								
SIZE (") :	12.25									I	O1	D	L	B	G	O2	R
MANUFACTURER :	HU	AVE WOB (k-lbs) :	10	<b>NOZZLES</b>		Drilled over the last 24 hrs				Calculated over the bit run							
TYPE :	BD447	AVE RPM :	159	2 X18	METERAGE (m) :				145	CUM.METERAGE (m) :				167			
SERIAL # :	1902101	FLOW (gpm) :	662	6 X14	ON BOTTOM HRS :				19.5	CUM. ON BOT. HRS :				20.8			
DEPTH IN (m RT) :	2306	PUMP PRESS. (psi) :	1,971	X	IADC DRILL. HRS :				22.5	CUM.IADC DRILL HRS :				24.8			
DEPTH OUT (m RT) :		HSI (hp/sqi) :	0	X	TOTAL REVS :				185,839	CUM.TOT. REVS :				198,432			
				X	ROP (m/hr) :				6.4	ROP (m/hr) :				6.7			

<b>BHA #7 Length (ft) :198.4</b>								D.C. (1) ANN. VELOCITY (mpm) :				200			
HRS ON JARS :		STRING WT(k-lbs) :	268	TRQE MAX (ft-lbs) :	15,407	D.C. (2) ANN VELOCITY (mpm) :				200					
WT BLW JAR(k-lbs) :	40	PICK UP WT(k-lbs) :	265	TRQE ON (ft-lbs) :	6,025	H.W.D.P. ANN VELOCITY (mpm) :				137					
BHA WT(k-lbs) :	59	SLK OFF WT(k-lbs) :	275	TRQE OFF (ft-lbs) :	3,500	D.P. ANN VELOCITY (mpm) :				137					
<b>BHA DESCRIPTION :</b>				<b>TOOL DESCRIPTION</b>				<b>HRS</b>	<b>SERIAL #</b>	<b>COMMENT</b>					
12 1/4" PDC bit -12/14"NB Stab c/w float -				BD447 PDC bit				22.5	1902101						
8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco				8" Hydra jar				258.1	2872	Used in 17 1/2" section					
ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -				8" Anderdrift				265.4	ADT811	Used in all sections					
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.															

<b>Anchor Tension (kips)</b>	A1 : 40.0	A2 : 50.0	A3 : 85.0	A4 :	A5 : 70.0
	A6 : 70.0	A7 : 70.0	A8 : 65.0	A9 :	A10 :

<b>Workboats</b>	Location.	Fuel (kltr)	Barite (sx)	D/wtr (bbi)	P/wtr (bbi)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>						
M. Raider	at rig								WIND SP. (kts) :	4.0	VISIB.(nm) :	10	VDL (kips) :	430.0	
Edward J. Fairnie	at rig								WIND DIR (deg) :	260	CEILING (m) :	2,500	RIS.TENS:	11	
									PRES.(mbars) :	1032	WAVES (m) :	2.0	HEAVE (m) :	1.5	
									AIR TEMP (C) :	14.0	SWELL (m) :	1.1	ROLL (deg) :	0.5	
														PITCH (deg) :	1.0
<b>COMMENTS :</b> All anchors piggied. Tension meter on #4 winch broken. No helicopters. Raider offloading fuel and water and equipment started at 10:30.															

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bbi) :	0 1,404	FUEL (bbi) :	0 1,263	GEL (sx) :	0 475	HELI-FUEL (kltr) :	0.0 13.2
POT WATER (bbi) :	0 1,479	BARITE (sx) :	0 6,482	CEMENT (sx) :	0 5,842		

<b>Drills, Permits &amp; Inspections</b>					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	1/5/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	26/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	1/5/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	6	#PTW	ongoing
				Safety Meeting	2/5/98

<b>Casing</b>					
CSG OD(")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8"			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

<b>Pump Data</b>										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNPR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	65	97	650	1800	30	300	2406	9.2
2	Nat. 12-P.	6.50	65	97			40	390	2406	9.2
							50	475	2406	9.2
							30	290	2406	9.2
							40	390	2406	9.2
							50	450	2406	9.2

# Premier Oil

**DAILY DRILLING REPORT # 29**

Report Date: 02.05.98

**Yolla-2**

**Personnel : on Site = 92**

JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	70
		Dowell Schlum Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Dowell Schlum Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Anadrill	2
		Schlum Testing	3
		Corpro	2

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drift										A/drift
Magnetic Declination : 12.60	1,475		0.00							A/drift
Survey method : Min Curvature	1,631		0.00							A/drift
	1,710		0.00							A/drift
	1,829		0.50							A/drift
	1,994		0.00							A/drift
	2,202		0.00							A/drift
	2,348		0.00							A/drift
	2,489		0.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 2, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling summary report for 1st May 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB



Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> May 1, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report and Geological report for 30<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB ✓

**Premier Oil****DAILY DRILLING REPORT # 27**

Report Date: 30.04.98

Yolla-2

Well Data		T.D. (m RT):	2,288.0	CUR. HOLE SIZE ("):	12.25	DAILY COST \$:	\$188,593
COUNTRY	Australia	PROGRESS (m):	113.0	CSG OD ("):	13.38	CUM COST \$:	\$7,150,409
FIELD	Bass Basin	DAYS FROM SPUD:	21.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
DRILL CO.:	Northern Offshore	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
RIG:	Northern Explorer III	CURRENT OP @ 0600: Pulling out of hole for new bit.					
MUD CO:	Dowell	PLANNED OP.: POOH for bit trip. Drill 12 1/4" hole.					
RT ABOVE MSL (m):	12.5						
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Drilled 12 1/4" hole. Wiper trip 11 stands OK. Observe weather. RIH - drill 12 1/4" hole

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 30.04.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	2,217	Drilled 2175-2217m, w/ 10-42klbs WOB, 150rpm, 680gpm, 3550psi, 3-10k ft-lbs torque (occasional formation-related stalling). Downhole losses cont at variable & erratic @ < 30bph.
06:00	09:00	3.00	2,232	Drilled 2217-2232m, w/ 10-42klbs WOB, 150rpm, 680gpm, 3550psi, Torque erratic, fluctuating 3-10k ft-lbs torque. Downhole losses cont at +/- 30bph.
09:00	10:00	1.00	2,232	Weather deteriorating. Wind 52kts gusting to 58kts at 285deg. Wave height 3.5-4.5m dir 285deg. #3 anchor tension 120kips surging to 200kips with incr. swells. Riser angle up to 3.5deg. Start thrusters. Pump slug and POOH 11 stands.
10:00	11:00	1.00	2,232	Hole in good condition. Observe static losses Wind dir coming round to fwd. #3 anchor tension down to 140kips - others at 50-80kips. Max seas 4.5m, heave at slip jt 2m, roll 2.5deg, pitch 2deg. Service rig /topdrive. Static losses 4bbl/hr.
11:00	12:00	1.00	2,232	RIH to within 1stand off bottom and assess weather. Wind increased during trip in hole to 50kts. #3 anchor tension increasing again towards 170kips.
12:00	15:00	3.00	2,232	Circ out slug and clean hole 1std off bottom at 550gpm Mud losses at this rate down to 20bph. Cont'd to observe weather and prepare POOH if weather cond. deteriorate.
15:00	15:15	.25	2,232	Weather condition stabilising as per forecast - max sea height 5.5 -6m. #3 anchor tension 170 kips, #2 anchor tension at 150 kips. Barometric press up from 1010mb in the morning to 1018mb at 1500hrs.
15:15	15:30	.25	2,232	Precautionary wash last stand to bottom w/ 680gpm 3550psi 80rpm. Normal 5-10klbs drags observed; no trace fill (pumps on).
15:30	24:00	8.50	2,288	Drilled 2232-2288m, w/ +/-30klbs WOB, 150rpm, 680gpm, 3550psi, Torque erratic, fluctuating 3-10k ft-lbs torque. Inst ROP 8 -30m/hr. Thrusters stopped at 18:00, main engine remaining dead slow on stbd unit. Cont'd losses 20-33 bph.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 01.05.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	03:15	3.25	2,306	Drilled 2288-2306m, w/ +/- 25-45klbs WOB, 150rpm, 693gpm, 3550psi, Torque 4-7k ft-lbs torque. Inst ROP 3 -20m/hr. Cont'd losses 20-33 bph.
03:15	04:30	1.25	2,306	Circulate bottoms up with 700gpm, 3550psi, 87rpm and 3-4k ft-lbs torque.
04:30	05:30	1.00	2,306	Pumps off - flow check - ok. Pulled 5 stands wet, negligible drag - pumped 20bbl slug.
05:30	06:00	.50	2,306	POOH for new bit.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 30.04.98**

# Premier Oil

## DAILY DRILLING REPORT # 27

Report Date: 30.04.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Amount of new mud that can be mixed at current concentrations with the amount of chemicals currently available including order due on the Raider.	190 sx IDF-FLR at 1.83ppb = 5710bbis 620cans IDBOND at 2.2ppb = 15500bbis 580sx IDFLO at 3ppb = 10633bbis 230sx IDVIS at 1.1ppb = 11500bbis 68MT KCl at 17.5ppb = 8654bbis 180sx KOH at 0.75ppb = 13200bbis 40sx Soda Ash at 1.1ppb = 2200bbis Presently not using any Soda Ash in new mud because we are using seawater for makeup
Continued losses to formation, varying from 20 - 33bph. No LCM added to system - awaiting more suitable LCM chemicals on "Raider" Gas flow line confirmed as 3" line - not 4" as previously advised to Premier.	Well testing contractor to rerun pressure loss calculations to find out if 3" line is suitable for well testing. If not, line will need to be replaced.

Mud Properties		MUD COST FOR TODAY: \$14,025				CUMULATIVE MUD COST TO DATE: \$130,213			
Type : KCl	FL	VISCOSITY( sec / qt): 56	API FLUID LOSS (cm3/30min) 5	Cl- (ppm): 36,000	SOLIDS (%vol): 5.7	PV (cps): 18	API FILTER CAKE (32nds inch) 1	K+ (ppm): 26250	H2O (%vol): 92.0
FROM : 23:00	23:00	YP (lb/100sq.ft): 40	HTHP FLUID LOSS (cm3/30min) 0	HARD/Ca (ppm): 60	OIL (%vol): 0	GEL 10s/10m/30m (lb/100sqft): 8 12 0	HTHP FILTER CAKE (32nds inch) 0	MBT (ppb eq): 7.5	SAND: 0
WEIGHT (ppg): 1.13	1.13	FANN 3/6/100 8 11 36		PM: .3	PH: 9.1	TEMP (C): 51		PF: .5	PHPA: 0.0

Bit Data for Bit # 4		IADC # 4 4 7			Wear							
					I	O1	D	L	B	G	O2	R
SIZE ("): 12.25	HU	AVE WOB (k-lbs): 20	NOZZLES 3 X14	Drilled over the last 24 hrs				Calculated over the bit run				
MANUFACTURER : ATMGT-18	W15CB	FLOW (gpm): 700	X	METERAGE (m): 113	CUM.METERAGE (m) 803							
SERIAL #: 1485	HSI (hp/sqi): 0	PUMP PRESS. (psi): 3,500	X	ON BOTTOM HRS: 16.6	CUM. ON BOT. HRS: 70.9							
DEPTH IN (m RT): 1485			X	IADC DRILL. HRS: 17.0	CUM.IADC DRILL HRS: 83.3							
DEPTH OUT (m RT):			X	TOTAL REVS: 141,773	CUM.TOT. REVS: 603,983							
			X	ROP (m/hr): 6.6	ROP (m/hr): 9.6							

BHA # 6 Length (ft) : 198.4		D.C. (1) ANN. VELOCITY (mpm): 194				D.C. (2) ANN VELOCITY (mpm): 194				
HRS ON JARS :	STRING WT(k-lbs) : 257	TRQE MAX (ft-lbs): 15,712	D.P. ANN VELOCITY (mpm): 133				D.P. ANN VELOCITY (mpm): 133			
WT BLW JAR(k-lbs): 40	PICK UP WT(k-lbs) : 248	TRQE ON (ft-lbs): 6,157								
BHA WT(k-lbs): 59	SLK OFF WT(k-lbs) : 252	TRQE OFF (ft-lbs): 4,000								
BHA DESCRIPTION :		TOOL DESCRIPTION		HRS	SERIAL #	COMMENT				
12 1/4" Tricone bit -12/14"NB Stab c/w float - 8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Tolco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.		12 1/4" ATM GT-18 bit	83.3	W15CB						
		8" Hydra Jar	213.1	2872	Weir Houston-Used in 17 1/2" section.					
		Anderdrift Survey tool	.935.0	ADT811	Used in 36" & 17 1/2" section					

Anchor Tension (kips)	A1: 45.0	A2: 55.0	A3: 90.0	A4:	A5: 70.0
	A6: 70.0	A7: 75.0	A8: 70.0	A9:	A10:

Workboats		Weather & Rig data @ 24:00 hrs						
M. Raider	Geelon	WIND SP. (kts): 20.0	VISIB.(nm): 8	VDL (kips): 430.0				
Edward J. Fairnie	at rig	WIND DIR (deg): 225	CEILING (m): 2,000	RIS.TENS: 11				
		PRES.(mbars): 1022	WAVES (m): 2.5	HEAVE (m): 1.0				
		AIR TEMP (C): 11.0	SWELL (m): 3.5	ROLL (deg): 1.0				
				PITCH (deg): 1.0				

COMMENTS : All anchors pigged. Tension meter on #4 winch broken. All Choppers cancelled due to weather. One standby boat at rig. Raider in Geelong.

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock	
DRILL WATER (bbi): 251	1,404	FUEL (bbi): 18	1,278	GEL (sx): 0	551	HELI-FUEL (kltr): 0.0	14.0		
POT WATER (bbi): 257	1,479	BARITE (sx): 617	6,592	CEMENT (sx): 0	5,842				

# Premier Oil

## DAILY DRILLING REPORT # 27

Report Date: 30.04.98

Yolla-2

### Drills, Permits & Inspections

DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL		BOP TEST	22/4/98	LTI	25/4/98
FIRE	26/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	30/4/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	4	#PTW	ongoing
				Safety Meeting	26/4/98

### Casing

CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)
13.3/8 "			853	853

TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
5/8 Collar jt	12.3	12.4	68.0	L80	N.VAM
2 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

### Pump Data

Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	69	97	698	3550	30	450	2232	9.4
2	Nat. 12-P.	6.50	69	97			40	590	2232	9.4
							50	725	2232	9.4
							30	450	2232	9.4
							40	575	2232	9.4
							50	740	2232	9.4

### Personnel : on Site = 90

JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Harrison	Northern	72
		Cement	1
Geologist	Frankiewicz	Asiatic ROV	3
Geologist	Clota	Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Other	4

### Survey

Last Tool Type : A/drift  
 Magnetic Declination : 12.60  
 Survey method : Min Curvature

MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
1,232		0.00							A/drift
1,389		1.00							A/drift
1,475		0.00							A/drift
1,631		0.00							A/drift
1,710		0.00							A/drift
1,829		0.50							A/drift
1,994		0.00							A/drift
2,202		0.00							A/drift

24

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 30, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**   
  **For Review**   
  **Please Comment**   
  **Please Reply**   
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 29<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

Yolla 2 DRILLING

CAB

# Premier Oil

## DAILY DRILLING REPORT # 26

Report Date: 29.04.98

Yolla-2

Mud Properties		MUD COST FOR TODAY: \$17,434		CUMULATIVE MUD COST TO DATE: \$116,188				
Type :	VISCOSITY (sec / qt) :	57	API FLUID LOSS (cm3/30min)	5	Cl - (ppm) :	36,000	SOLIDS (%vol) :	4.5
KCI	PV (cps) :	20	API FILTER CAKE (32nds inch)	1	K+ (ppm) :	29250	H2O (%vol) :	93.0
FROM :	YP (lb/100sq.ft) :	40	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	60	OIL (%vol) :	0
TIME :	GEL 10s/10m/30m (lb/100sqft) :	11 15 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	7.5	SAND :	0
WEIGHT (ppg) :	FANN 3/6/100	10 14 40			PM :	.7	PH :	9.7
TEMP (C) :					PF :	.6	PHPA :	0.0

Bit Data for Bit # 4		IADC # 4 4 7		Wear		I	O1	D	L	B	G	O2	R
SIZE ("):	12.25	AVE WOB (k-lbs) :	25	NOZZLES	3 X14								
MANUFACTURER :	HU	AVE RPM :	145	Drilled over the last 24 hrs		Calculated over the bit run							
TYPE :	ATMGT-18	FLOW (gpm) :	700	METERAGE (m) :	181	CUM.METERAGE (m) 690							
SERIAL # :	W15CB	PUMP PRESS. (psi) :	3,500	ON BOTTOM HRS :	12.2	CUM. ON BOT. HRS : 45.7							
DEPTH IN (m RT) :	1485	HSI (hp/sqi) :	7	IADC DRILL. HRS :	24.0	CUM.IADC DRILL HRS: 66.3							
DEPTH OUT (m RT) :				TOTAL REVS :	106,227	CUM.TOT. REVS : 397,242							
				ROP (m/hr) :	7.5	ROP (m/hr): 10.4							

BHA # 6		Length (ft) : 198.4		D.C. (1) ANN. VELOCITY (mpm) :		199			
HRS ON JARS :	STRING WT(k-lbs) :	248	TRQE MAX (ft-lbs) :	15,651	D.C. (2) ANN VELOCITY (mpm) :	199			
WT BLW JAR(k-lbs) :	PICK UP WT(k-lbs) :	238	TRQE ON (ft-lbs) :	5,869	H.W.D.P. ANN VELOCITY (mpm) :	137			
BHA WT(k-lbs) :	SLK OFF WT(k-lbs) :	245	TRQE OFF (ft-lbs) :	3,800	D.P. ANN VELOCITY (mpm) :	137			
BHA DESCRIPTION :				TOOL DESCRIPTION		SERIAL #		COMMENT	
12 1/4" Tricone bit -12/14"NB Stab c/w float -				12 1/4" ATM GT-18 bit		66.3		W15CB	
8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.				8" Hydra Jar		189.1		2872	
				Anderdrift Survey tool		195.4		ADT811	

Anchor Tension (kips)	A1 : 40.0	A2 : 45.0	A3 : 110.0	A4 :	A5 : 90.0
	A6 : 75.0	A7 : 65.0	A8 : 70.0	A9 : 60.0	A10 :

Workboats		Location		Fuel		Barite		D/wtr		P/wtr		Cmt		Bant		Heli		Weather & Rig data @ 24:00 hrs													
M. Raider	Geelon	(kltr)	(sx)	(bbl)	(bbl)	(sx)	(sx)	(kltr)	WIND SP. (kts) : 30.0										VISIB.(nm) :		8		VDL (kips) : 430.0								
Edward J. Fairnie	at rig	WIND DIR (deg) : 320										CEILING (m) :		2,000		RIS.TENS:		11													
COMMENTS :										All anchors piggied. Tension meter on #4 winch broken. Rec. 1 chopper: 7 PAX onto rig, 1 off. One standby boats at rig Raider sailed for Geelong.										PRES.(mbars) :		1012		WAVES (m) :		2.2		ROLL (deg) :		1.0	
										AIR TEMP (C) :										15.0		SWELL (m) :		3.3		PITCH (deg) :		1.0			

Bulk Stocks		Used / In Stock		Used / In Stock		Used / In Stock		Used / In Stock			
DRILL WATER (bbl) :	182	1,655	FUEL (bbl) :	15	1,296	GEL (sx) :	0	551	HELI-FUEL (kltr) :	0.4	14.0
POT WATER (bbl) :	0	1,736	BARITE (sx) :	0	7,209	CEMENT (sx) :	0	5,842			

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL		BOP TEST	22/4/98	LTI	25/4/98
FIRE	26/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	30/4/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	3	#PTW	ongoing
				Safety Meeting	26/4/98

# Premier Oil

## DAILY DRILLING REPORT # 26

Report Date: 29.04.98

Yolla-2

### Well Data

COUNTRY	Australia	T.D. (m RT) :	2,175.0	CUR. HOLE SIZE (") :	12.25	DAILY COST \$ :	\$167,300
FIELD	Bass Basin	PROGRESS (m) :	181.0	CSG OD (") :	13.38	CUM COST \$ :	\$6,961,816
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	20.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg) :	0.00	AFE BASIS :	P&A
MUD CO.:	Dowell	CURRENT OP @ 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 2217m.					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Drill 12 1/4" hole.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

### Summary of period 00:00 to 24:00 hrs:

Drilled 12 1/4" hole, with periods of formation-related high torque and string stalling. Increased downhole losses below 2133m.

### Formation Tops - This report only

FORMATION	TOP(mBRT)
-----------	-----------

### ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 29.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:15	2.25	2,015	Drilled 1994-2015m, w/ 18-42klbs WOB, 150-160rpm, 700gpm, 3550psi, 3-6k ft-lbs torque. ROPs 6-200m/hr (through sands); rpm(string stalling)/torque/ROP cont erratic through SST.
02:15	02:30	.25	2,015	Noted drilling break (> 200m/hr) from 2012-2015m (SST). Flow checked well static 10min - neg.
02:30	06:00	3.50	2,033	Drilled 2015-2033m, w/ 16-40klbs WOB, 150-160rpm, 700gpm, 3550psi, 3-6k ft-lbs torque. ROPs 6-200m/hr (through sands); rpm(string stalling)/torque/ROP cont erratic through sands.
06:00	19:00	13.00	2,147	Drilled 2033-2147m, w/ 10-40klbs WOB, 150rpm, 700-640gpm, 3550psi, 3-8k ft-lbs torque (occasional formation-related stalling). ROPs 6-300m/hr-all drilling break flow checks negative.
19:00	20:30	1.50	2,157	Drilled 2147-2157m, w/ parameters a/a. Experienced string stalling & associated high torque levels (correspond w/ similar stalling/torque on Yolla 1). Losses increasing to >50bph-begin adding Kwikseal LCM w/o sig. results.
20:30	24:00	3.50	2,175	Drilled 2157-2175m, w/ 10-40klbs WOB, 150rpm, 680gpm, 3580psi, 3-10k ft-lbs torque (occasional formation-related stalling). Downhole losses cont at variable & erratic 30 - 60bph (no LCM effect apparent).

### ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 30.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	2,217	Drilled 2175-2217m, w/ 10-42klbs WOB, 150rpm, 680gpm, 3550psi, 3-10k ft-lbs torque (occasional formation-related stalling). Downhole losses cont at variable & erratic @ < 30bph.

### ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 29.04.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Shut down cranes @ 24:00hrs, due to wind gusts in excess of 39 knots.	
Schlumberger welders on location to replace the 4" vent line and all plumbing for the burners. Noted that the gas flow line is 3", not 4" as had been relayed to Premier initially.	Investigate if 3" line adequate and/or if sufficient time/materials remains to change over to 4" lines.
Pump rate reduced to control downhole losses.	Mobilised calcium carbonate and Liquid Casing LCM material
Geoservice compensated depth recording not functioning properly - advances faster than the actual drilled depth, and needs to be constantly re-set manually.	New circuit board on order, will be exchanged upon arrival.
Experiencing continuing downhole losses, variable rate from 4 - 90bph, increasing to an average of 30 - 40bph below 2133m. Treated with total of 24sx Kwikseal over 4hr period, but no noticeable abatement in loss rate from LCM additions; cont to be variable & partially self-healing.	Uncertain if LCM spotted pills will be effective, as erratic nature of losses seems to indicate drilling into new thief zones constantly, rather than having one or more thief zones further up the annulus.

# Premier Oil

## DAILY DRILLING REPORT # 26

Report Date: 29.04.98

Yolla-2

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNPR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	69	97	680	3550	30	475	2147	9.3
2	Nat. 12-P.	6.50	68	97			40	600	2147	9.3
							50	775	2147	9.3
							30	475	2147	9.3
							40	575	2147	9.3
							50	775	2147	9.3

Personnel : on Site = 90			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	5
N. Drig Supervisor	Dubravac	Northern	73
		Cement	2
Geologist	Frankiewicz	Asiatic ROV	3
		Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Other	2

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type : A/drift	1,190		0.00							A/drift
Magnetic Declination : 12.60	1,232		0.00							A/drift
Survey method : Min Curvature	1,389		1.00							A/drift
	1,475		0.00							A/drift
	1,631		0.00							A/drift
	1,710		0.00							A/drift
	1,829		0.50							A/drift
	1,994		0.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 29, 1998
<b>Phone:</b>	<b>Pages:</b> 4
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent**   
  **For Review**   
  **Please Comment**   
  **Please Reply**   
  **Please Recycle**

**•Comments:**

Please find attached the Daily Drilling report for 28<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

## Premier Oil

## DAILY DRILLING REPORT # 25

Report Date: 28.04.98

Yolla-2

Well Data							
COUNTRY	Australia	T.D. (m RT) :	1,994.0	CUR. HOLE SIZE (") :	12.25	DAILY COST \$ :	\$160,354
FIELD	Bass Basin	PROGRESS (m) :	284.0	CSG OD (") :	13.38	CUM COST \$ :	\$6,794,516
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	19.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
MUD CO.:	Dowell	CURRENT OP @ 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 2033m.					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Drill 12 1/4" hole.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

## Summary of period 00:00 to 24:00 hrs:

Drilled 12 1/4" hole. Cont to incur problems w/ compensator causing 15-20kbs variation in WOB. Downhole losses stabilized <10bph average.

## Formation Tops - This report only

FORMATION	TOP(mBRT)
ECVM	1,876

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 28.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	1,771	Drilled 1710-1771m, w/ 150-170rpm, 750gpm, 3300psi, 3-6k ft-lbs torque. Attempt maintain 30kbs WOB for max ROPs but fluctuate@15kbs range above/below desired wt due to compensator). Av ROP-13.4m/hr in clystn, sltstn, sstn, w/ tr dolo.
06:00	16:15	10.25	1,877	Drilled 1771-1877m, w/ 15-42kbs WOB, 150-160rpm, 750gpm, 3500psi, 3-6k ft-lbs torque. Av ROP-10m/hr. Noted Drilling Break - to 28+m/hr - @ 1875-1877m, w/ coincidental flow increase (on flapper) from 50-100%.
16:15	16:30	.25	1,877	Flow checked well static for 15min, due to drilling break - negative.
16:30	24:00	7.50	1,994	Drilled 1877-1994m, w/ 16-40kbs WOB, 150-165rpm, 720gpm (reduced due to 90% of liner max = 3600psi), 3550psi, 3-6k ft-lbs torque. Av ROP-15.5 (100m/hr through sand, EVCM); rpm/torque/ROP erratic. Circ. carbide; est. hole diameter=13.4".

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 29.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	02:15	2.25	2,015	Drilled 1994-2015m, w/ 18-42kbs WOB, 150-160rpm, 700gpm (reduced due to 90% of liner max = 3600psi), 3550psi, 3-6k ft-lbs torque. ROPs 6-200m/hr (through sands); rpm(string stalling)/torque/ROP cont erratic through SST.
02:15	02:30	.25	2,015	Noted drilling break (> 200m/hr) from 2012-2015m (SST). Flow checked well static 10min - neg.
02:30	06:00	3.50	2,033	Drilled 2015-2033m, w/ 16-40kbs WOB, 150-160rpm, 700gpm (reduced due to 90% of liner max = 3600psi), 3550psi, 3-6k ft-lbs torque. ROPs 6-200m/hr (through sands); rpm(string stalling)/torque/ROP cont erratic through sands.

## ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 28.04.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Began making-up new PHPA mud with 50:50 seawater:drillwater due to diminished stocks of drillwater aboard.	No negative affects on PHPA system with this technique (or with 100% seawater make-up) except 0.1ppg higher mudweight of new dilution volumes, arising from higher level of soluble salts.
Some increase in PV & gels, % solids,% LGS, but no significant problems at this point, as normal new mud dilution volumes sufficient to maintain control of all values.	Will slightly decrease 6rpm/YP values - to 11-12/~35 - to aid solids dropping at solids equipment, without impairing hole cleaning capability. KCl appears well balanced to formation activity and PHPA concentration effective in minimizing solids dispersion; cuttings remain firm & discrete.
Continue to ream each stand before making connection to wipe hole and move cuttings load up annulus before connection. Continue to adjust MU torque as each single drilled down to rotary table (TDS MU to 26k ft-lbs; required MU torque for this size S135 DP is 36-38k ft-lbs).	

# Premier Oil

## DAILY DRILLING REPORT # 25

Report Date: 28.04.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
<p>Cont to closely monitor downhole losses. These continue to appear to be self-healing, and have reduced since the bit trip. Average downhole losses for 24hrs estimated at +/- 10bph.</p> <p>Cont discussions with marine dept re testing, rig move to next location, etc.</p> <p>Downloaded "Fix" for IDS program, placed in C drive "Temp" file, &amp; double-clicked "Fix". It's supposed to then to un-zip &amp; find the correct file &amp; effect some positive alterations. Nothing positive observed after it un-zipped, but for the 1st time, one of the pages - the Marine page - prints twice, the second time without any data. After including this comment, everything shifted downward, and it printed correctly??</p>	<p>Rig will need +/- 300MT fuel before testing &amp; as ballast for rig move. Will be able to save some of PHPA system if desired by transferring to lower reserve pits. Est. best case 4 days move &amp; anchor handling w/ 2 anchor handling boats, 8 days+ with only one anchor handler. If "wet storage" decided, will need to leave "E.J. Fairnie" at unit anchor buoy. If weather window present, can move with max. 100MT drillpipe in derrick.</p> <p>Suggest a "fix" for the "Fix" be expedited to the rig.</p>

Mud Properties	MUD COST FOR TODAY: \$5,320	CUMULATIVE MUD COST TO DATE: \$98,755
<p><b>Type :</b> KCI</p> <p>FROM : FL</p> <p>TIME : 23:00</p> <p>WEIGHT (ppg): 9.41</p> <p>TEMP (C) : 53</p>	<p>VISCOSITY( sec / qt ) : 59</p> <p>PV (cps) : 19</p> <p>YP (lb/100sq.ft): 42</p> <p>GEL 10s/10m/30m (lb/100sqft) : 11 15 0</p> <p>FANN 3/6/100 10 13 39</p>	<p>API FLUID LOSS (cm3/30min) 5</p> <p>API FILTER CAKE (32nds inch) 1</p> <p>HTHP FLUID LOSS (cm3/30min) 0</p> <p>HTHP FILTER CAKE (32nds inch) 0</p> <p>Cl - (ppm) : 34,000</p> <p>K+ (ppm) : 28875</p> <p>HARD/Ca (ppm) : 80</p> <p>MBT (ppb eq) : 7.5</p> <p>PM: .7</p> <p>PF: .6</p> <p>SOLIDS (%vol) : 4.6</p> <p>H2O (%vol) : 93.0</p> <p>OIL (%vol) : 0</p> <p>SAND : 0</p> <p>PH : 9.7</p> <p>PHPA : 0.0</p>

Bit Data for Bit # 4	IADC # 4 4 7	Wear	I	O1	D	L	B	G	O2	R
<p>SIZE ("): 12.25</p> <p>MANUFACTURER : HU</p> <p>TYPE : ATMGT-18</p> <p>SERIAL # : W15CB</p> <p>DEPTH IN (m RT) : 1485</p> <p>DEPTH OUT (m RT) :</p>	<p>AVE WOB (k-lbs) : 25</p> <p>AVE RPM : 148</p> <p>FLOW (gpm) : 720</p> <p>PUMP PRESS. (psi): 3,500</p> <p>HSI (hp/sq) : 8</p>	<p>NOZZLES 3 X14</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>Drilled over the last 24 hrs</p>		<p>Calculated over the bit run</p>					
			METERAGE (m) : 284	CUM.METERAGE (m) : 509						
			ON BOTTOM HRS : 18.5	CUM. ON BOT. HRS : 33.5						
			IADC DRILL. HRS : 24.0	CUM.IADC DRILL HRS: 42.3						
			TOTAL REVS : 164,546	CUM.TOT. REVS : 297,036						
			ROP (m/hr): 11.8	ROP (m/hr): 12.0						

BHA #6	Length (ft) :198.4			D.C. (1) ANN. VELOCITY (mpm):	199
HRS ON JARS :	STRING WT(k-lbs) : 237	TRQE MAX (ft-lbs):	14,120	D.C. (2) ANN VELOCITY (mpm):	199
WT BLW JAR(k-lbs): 40	PICK UP WT(k-lbs) : 228	TRQE ON (ft-lbs):	4,924	H.W.D.P. ANN VELOCITY (mpm):	137
BHA WT(k-lbs) : 59	SLK OFF WT(k-lbs) : 238	TRQE OFF (ft-lbs):	3,500	D.P. ANN VELOCITY (mpm) :	137
BHA DESCRIPTION :					
12 1/4" Tricone bit -12/14"NB Stab c/w float -		TOOL DESCRIPTION	HRS	SERIAL #	COMMENT
8"Андердрифт - 8"Пони NMDC - 12 1/4" Stab - Totco		12 1/4" ATM GT-18 bit	42.3	W15CB	Bit#3 - HTC refurbished. Gauged as 1/16" UG
ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -		8" Hydra Jar	165.1	2872	Weir Houston-Used in 17 1/2" section.
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.		Андердрифт Survey tool	171.4	ADT811	Used in 36" & 17 1/2" section

# Premier Oil

## DAILY DRILLING REPORT # 25

Report Date: 28.04.98

Yolla-2

<b>Anchor Tension (kips)</b>	A1 : 60.0 A6 : 70.0	A2 : 65.0 A7 : 80.0	A3 : 85.0 A8 : 70.0	A4 : A9 :	A5 : 85.0 A10 :
<b>Workboats</b>	Location: at rig Fuel (kltr): 177 Barite (sx): D/wtr (bbl): P/wtr (bbl): 421 Cmt (sx): Bent (sx): Heli (kltr):	<b>Weather &amp; Rig data @ 24:00 hrs</b>			
M. Raider at rig Edward J. Fairnie at rig	WIND SP. (kts) : 18.0 WIND DIR (deg) : 305 PRES.(mbars) : 1021 AIR TEMP (C) : 14.0			VISIB.(nm) : 6 CEILING (m) : 1,200 WAVES (m) : 1.0 SWELL (m) : 1.8	
COMMENTS : All anchors pigged; all anchors pretensioned to 200kips. Tension meter on #4 winch broken. Rec. 2 chopper: 18 PAX onto rig, 15 off. Both standby boats at rig.					
VDL (kips): 400.0 RIS.TENS: 11 HEAVE (m) : 0.5 ROLL (deg) : 0.5 PITCH (deg) : 1.0					

<b>Bulk Stocks</b>	Used / In Stock			
DRILL WATER (bbl) : 333	1,837	FUEL (bbl) : 15	1,311	GEL (sx) : 0
POT WATER (bbl) : 0	1,434	BARITE (sx) : 0	7,209	CEMENT (sx) : 0
				551
				5,842
				HELI-FUEL (kltr) : 0.6
				14.4

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL		BOP TEST	22/4/98	LTI	25/4/98
FIRE	26/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	28/4/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	3	#PTW	ongoing
				Safety Meeting	26/4/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	70	97	700	3500	30	450	1575	9.3
2	Nat. 12-P.	6.50	70	97			40	575	1575	9.3
							50	700	1575	9.3
							30	400	1575	9.3
							40	525	1575	9.3
							50	725	1575	9.3

Personnel : on Site = 84			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Premier	3
N. Drig Supervisor	Dubravic	Northern Cement	70
Geologist	Frankiewicz	Asiatic ROV	2
		Mud	3
Northern Explorer P	Cox & Milroy	GeoServices	1
		Other	4
			1

Survey												
Last Tool Type :	A/drift		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Magnetic Declination :	12.60		1,045		0.00							A/drift
Survey method :	Min Curvature		1,190		0.00							A/drift
			1,232		0.00							A/drift
			1,389		1.00							A/drift
			1,475		0.00							A/drift
			1,631		0.00							A/drift
			1,710		0.00							A/drift
			1,829		0.50							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 28, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 27<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

## Premier Oil

## DAILY DRILLING REPORT # 24

Report Date: 27.04.98

Yolla-2

## Well Data

COUNTRY	Australia	T.D. (m RT) :	1,710.0	CUR. HOLE SIZE (") :	12.25	DAILY COST \$ :	\$176,904
FIELD	Bass Basin	PROGRESS (m) :	225.0	CSG OD (") :	13.38	CUM COST \$ :	\$6,634,162
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	18.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
MUD CO.:	Dowell	CURRENT OP @ 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 1771m.					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Drill 12 1/4" hole.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

## Summary of period 00:00 to 24:00 hrs:

RIH - precautionary ream last 2stds - drill 12 1/4" hole from 1485 - 1710m.

## Formation Tops - This report only

FORMATION	TOP(mBRT)
-----------	-----------

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 27.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:45	1.75	1,485	RIH to 750m with BHA #6, bit #4.
01:45	02:00	.25	1,485	Break circulation at 750m. Check weather conditions, forecasts.
02:00	04:00	2.00	1,485	RIH from 750 - 1433m. No excessive drags (> 10klbs) observed while RIH.
04:00	05:00	1.00	1,485	Precautionary wash and ream bottom 2 stands, from 1433 - 1485m, with 80rpm, 600gpm, 1900psi, & 2.5-4k ft-lbs torque. Normal drags(<10klbs) and normal torque (<4k ft-lbs) observed.
05:00	05:15	.25	1,485	Took SCRs on both pumps with 30, 40, & 50spm. Filled in kill sheets.
05:15	05:30	.25	1,485	Bedded in new bit #4 with 0-4klbs WOB, 80-100rpm, 600gpm, and 2000psi.
05:30	13:30	8.00	1,575	Drilled 1485-1575m, w/ 150-170rpm, 750gpm, 3300psi, & 3-6k ft-lbs torque. Gradually increased WOB from 5 - 30klbs to optimize ROPs- improved to 11+ m/hr (incl connections) w/ increased WOB. (~ 15klbs differential due to compensator).
13:30	13:45	.25	1,575	Experienced power shut-down on rig - electrician accidentally engaged the Emergency Shut Down while testing it (emergency generator, etc., came online & functioned as intended).
13:45	24:00	10.25	1,710	Drilled 1575-1710m, w/ 150-170rpm, 750gpm, 3300psi, 3-6k ft-lbs torque. Attempt maintain 30klbs WOB to max ROPs(cont to fluctuate@15klbs range around desired wt due to compensator). Av ROP-13.4m/hr in clystn, sltstn, sstn, w/ tr dolo.

## ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 28.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	1,771	Drilled 1710-1771m, w/ 150-170rpm, 750gpm, 3300psi, 3-6k ft-lbs torque. Attempt maintain 30klbs WOB for max ROPs but fluctuate@15klbs range above/below desired wt due to compensator). Av ROP-13.4m/hr in clystn, sltstn, sstn, w/ tr dolo.

## ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 27.04.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
ROV bulls eye jump 27/4 revealed that the PGB bulls eyes had shifted slightly, from aft/port to port (post #3 to post#4). Both indicator remain 3/4deg. Also, some reoccurrent electrical faults manifest themselves in the topside sonar unit. These can possibly be exchanged with parts from the old unit which was shipped to the Geelong yard for onpassing. Heaved in on #1 anchor a total of 21m, until some tensioning noted. Tensioned up to 200kips, & held tension 10min - okay. Reposition vessel over well, and adjusted anchors as needed to correct working tensions. Re-ran repaired Yellow pod as soon as seas abated sufficiently to work in moonpool and jump the ROV. Re-latch successful; tested Yellow pod - okay; no visible leaks.	Continue to monitor bulls eye for indications of PGB shifting. If the old sonar assy has not already been onpassed, please return it to the rig (fax sent to Geelong).

# Premier Oil

## DAILY DRILLING REPORT # 24

Report Date: 27.04.98

Yolla-2

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
<p>Incident with roughneck and damaged finger: Doctors removed the finger nail, and dressed finger - no bone damage.</p> <p>Re 10m discrepancy on drillpipe tally - Geoservice and geologist completed remarking samples, repairing database &amp; mud log to reflect correct depths (IDS report fixed yesterday).</p> <p>Re Northern crew changes: significant portion of Northern personnel changing out this week on Tuesday or Thursday, which will result in lack of continuity.</p> <p>Received report from Dave Lansdell, HOSE SubSea Eng, re the excessive time needed to rig up &amp; run the BOPs and Riser. Read &amp; faxed to Geelong.</p> <p>Downhole &amp; shaker losses both significantly reduced after the bit trip. Before the trip, total mud losses had been &gt; 40bph; afterwards, +/-10bph.</p>	<p>Northern must organize a more staggered crew change, especially for its senior commuters, to avoid the possible interruption of operations that these large scale changes create. This must be organized before the next scheduled 28 day crew change.</p> <p>Attempt to implement as possible recommendations, especially in regards to training, proper tools, work platforms and ladders, inertia reels and their proper placement, appropriate work vests, tugger arrangement, etc.</p> <p>Downhole losses were apparently self-healing, aided perhaps by the Kwikseal LCM additions; the shaker losses moderated due to the calmer seas which meant that there were fewer shaker losses due to the swell.</p>

Mud Properties	MUD COST FOR TODAY: \$13,805	CUMULATIVE MUD COST TO DATE: \$93,802
<p>Type : VISCOSITY( sec / qt): 66</p> <p>KCI PV (cps): 19</p> <p>FROM : FL YP (lb/100sq.ft): 37</p> <p>TIME : 22:30 GEL 10s/10m/30m (lb/100sqft) : 10 13 0</p> <p>WEIGHT (ppg): 1.10 FANN 3/6/100 10 13 36</p> <p>TEMP (C): 49</p>	<p>API FLUID LOSS (cm3/30min) 6</p> <p>API FILTER CAKE (32nds inch) 1</p> <p>HTHP FLUID LOSS (cm3/30min) 0</p> <p>HTHP FILTER CAKE (32nds inch) 0</p>	<p>Cl - (ppm): 34,000</p> <p>K+ (ppm): 26250</p> <p>HARD/Ca (ppm): 60</p> <p>MBT (ppb eq): 7.5</p> <p>PM: .6</p> <p>PF: .5</p> <p>SOLIDS (%vol): 3.7</p> <p>H2O (%vol): 94.0</p> <p>OIL (%vol): 0</p> <p>SAND: 0</p> <p>PH: 9.9</p> <p>PHPA: 0.0</p>

Bit Data for Bit # 4	IADC # 4 4 7	Wear	I	O1	D	L	B	G	O2	R
<p>SIZE (") : 12.25</p> <p>MANUFACTURER : HU</p> <p>TYPE : ATMGT-18</p> <p>SERIAL # : W15CB</p> <p>DEPTH IN (m RT) : 1485</p> <p>DEPTH OUT (m RT) :</p>	<p>AVE WOB (k-lbs) : 27</p> <p>AVE RPM : 156</p> <p>FLOW (gpm) : 736</p> <p>PUMP PRESS. (psi) : 3,341</p> <p>HSI (hp/sqi) : 1</p>	<p>NOZZLES 3 X14</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>								
		<p>Drilled over the last 24 hrs</p> <p>METERAGE (m) : 225</p> <p>ON BOTTOM HRS : 14.9</p> <p>IADC DRILL. HRS : 18.3</p> <p>TOTAL REVS : 139,651</p> <p>ROP (m/hr): 12.3</p>								
		<p>Calculated over the bit run</p> <p>CUM.METERAGE (m) 225</p> <p>CUM. ON BOT. HRS : 14.9</p> <p>CUM.IADC DRILL HRS: 18.3</p> <p>CUM.TOT. REVS : 139,651</p> <p>ROP (m/hr): 12.3</p>								

BHA #6	Length (ft) :198.4					D.C. (1) ANN. VELOCITY (mpm):	214
HRS ON JARS :	STRING WT(k-lbs) : 225	TRQE MAX (ft-lbs):	12,418	D.C. (2) ANN VELOCITY (mpm):	214		
WT BLW JAR(k-lbs): 40	PICK UP WT(k-lbs) : 215	TRQE ON (ft-lbs):	4,985	H.W.D.P. ANN VELOCITY (mpm):	147		
BHA WT(k-lbs) : 59	SLK OFF WT(k-lbs) : 220	TRQE OFF (ft-lbs):	2,550	D.P. ANN VELOCITY (mpm) :	147		
BHA DESCRIPTION :							
12 1/4" Tricone bit -12/14"NB Stab c/w float -	TOOL DESCRIPTION	HRS	SERIAL #	COMMENT			
8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco	12 1/4" ATM GT-18 bit	18.3	W15CB	Bit#3 - HTC refurbished. Gauged as 1/16" UG			
ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar -	8" Hydra Jar	141.1	2872	Weir Houston-Used in 17 1/2" section.			
3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	Anderdrift Survey tool	147.4	ADT811	Used in 36" & 17 1/2" section			

# Premier Oil

## DAILY DRILLING REPORT # 24

Report Date: 27.04.98

Yolla-2

<b>Anchor Tension (kips)</b>		A1 : 60.0 A6 : 70.0	A2 : 65.0 A7 : 75.0	A3 : 90.0 A8 : 75.0	A4 : A9 :	A5 : 80.0 A10 :															
<b>Workboats</b>	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)	<b>Weather &amp; Rig data @ 24:00 hrs</b>												
M. Raider	at rig	178			453				WIND SP. (kts) : 14.0	WIND DIR (deg) : 228	PRES.(mbars) : 1021	AIR TEMP (C) : 12.0	VISIB.(nm) : 10	CEILING (m) : 1,200	WAVES (m) : 1.5	SWELL (m) : 2.3	VDL (kips) : 300.0	RIS.TENS: 11	HEAVE (m) : 0.5	ROLL (deg) : 0.5	PITCH (deg) : 1.0
Edwar J. Fairnie	at rig								<b>COMMENTS :</b> All anchors pigged. Reset anchor #1 & pretensioned to 200kips. Tension meter on #4 winch broken. Rec. 0 chopper: 0 PAX onto rig. 0 off. Both standby boats at rig.												

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bbl) : 680	2,170	FUEL (bbl) : 15	1,326	GEL (sx) : 0	551	HELI-FUEL (kltr) : 0.0	15.0
POT WATER (bbl) : 0	1,151	BARITE (sx) : 0	7,209	CEMENT (sx) : 0	5,842		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL		BOP TEST	22/4/98	LTI	25/4/98
FIRE	26/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL	28/4/98	RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	2	#PTW	ongoing
				Safety Meeting	26/4/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8"			853	853	
TYPE	LNGLTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N,VAM
1 x jt	11.5	12.4	68.0	L80	N,VAM
F/Collar jt	12.3	12.4	68.0	L80	N,VAM
62 x jts	713.4	12.4	68.0	L80	N,VAM
1 x pup "A"	3.1	12.4	68.0	L80	N,VAM
WH jt	5.5	12.4	68.0	L80	N,VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	75	97	750	3350	30	375	1575	9.1
2	Nat. 12-P.	6.50	75	97			40	500	1575	9.1
							50	675	1575	9.1
							30	375	1575	9.1
							40	490	1575	9.1
							50	625	1575	9.1

Personnel : on Site = 81			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Northern	67
N/S Drig Sup.	Dubravec	Cement	2
		Asiatic ROV	3
Geologist	Frankiewicz	Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Other	1
		Premier	3

Survey		MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :	A/drift	984		0.50							A/drift
Magnetic Declination :	12.60	1,016		0.00							A/drift
Survey method :	Min Curvature	1,045		0.00							A/drift
		1,190		0.00							A/drift
		1,232		0.00							A/drift
		1,389		1.00							A/drift
		1,475		0.00							A/drift
		1,631		0.00							A/drift

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources , Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:**

**Date:** April 27, 1998

**Phone:**

**Pages:**

**Re:** Yolla 2 Daily Drilling Reports

**CC:**

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**•Comments:**

Please find attached the Daily Drilling summary report for 26<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2

CAB ✓

# Premier Oil

## Management Report : Issue date 27.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

<b>WELL : Yolla-2</b>	<b>REP. NUMBER : 23</b>	<b>REP. DATE : 26.04.98</b>
DRILLING CO.: Northern Offshore	RIG : Northern Explorer III	HOLE SIZE (") : 12.25
DEPTH (m): 1,485.00	PROGRESS (m) 54.00	DAYS FROM SPUD 17.13
DAYS +/- CURVE :		
24 hr SUMMARY : Drill 12 1/4" hole to 1485m. POOH for tri-cone bit. Lost #1 anchor tension - RIH		
STATUS AT 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 1488m.		
PLANNED OP : Drill 12 1/4" hole.		
<b>COST DATA</b>		
DAILY :	\$153,391	CUM : \$6,457,258
		AFE : \$10,108,205
		DIFF. AFE-CUM \$3,650,947

<b>Mud Properties</b>	MUD COST FOR TODAY: \$8,278	CUMULATIVE MUD COST TO DATE: \$79,630
Type :	VISCOSITY( sec / qt): 67	API FLUID LOSS (cm3/30min) 6
KCI	PV (cps): 17	API FILTER CAKE (32nds inch) 1
FROM :	YP (lb/100sq.ft): 40	HTHP FLUID LOSS (cm3/30min) 0
TIME :	GEL 10s/10m/30m (lb/100sqft): 11 14 0	HTHP FILTER CAKE (32nds inch) 0
WEIGHT (ppg): 1.09	FANN 3/6/100 9 12 38	CI - (ppm): 38,000
TEMP (C): 49		K+ (ppm): 26250
		HARD/Ca (ppm): 200
		MBT (ppb eq): 7.0
		PM: .3
		PF: .4
		SOLIDS (%vol): 2.5
		H2O (%vol): 95.0
		OIL (%vol): 0
		SAND: 0
		PH: 9.5
		PHPA: 0.0

<b>Bit Data for Bit # 3</b>	IADC # M 2 2 1	<b>Wear</b>	I 1	O1 6	D CT	L S	B X	G 3/8	O2 NR	R PR/TQ	
SIZE (") : 12.25	MANUFACTURER : HU	NOZZLES	Drilled over the last 24 hrs				Calculated over the bit run				
TYPE : AG526	AVE WOB (k-lbs): 4	3 X12	METERAGE (m) :	64	CUM.METERAGE (m)	633					
SERIAL # : 1402214	AVE RPM : 160	2 X14	ON BOTTOM HRS :	5.8	CUM. ON BOT. HRS :	34.9					
DEPTH IN (m RT) : 862	FLOW (gpm) : 723	X	IADC DRILL. HRS :	10.5	CUM.IADC DRILL HRS :	72.0					
DEPTH OUT (m RT) : 1485	PUMP PRESS. (psi): 2,217	X	TOTAL REVS :	55,584	CUM.TOT. REVS :	334,560					
	HSI (hp/sq): 0	X	ROP (m/hr):	6.1	ROP (m/hr):	8.8					

<b>BHA # 5</b>	<b>Length (ft) : 198.4</b>						
HRS ON JARS :	STRING WT(k-lbs): 210	TRQE MAX (ft-lbs): 16,000	D.C. (1) ANN. VELOCITY (mpm): 202				
WT BLW JAR(k-lbs): 38	PICK UP WT(k-lbs): 200	TRQE ON (ft-lbs): 5,410	D.C. (2) ANN VELOCITY (mpm): 202				
BHA WT(k-lbs): 56	SLK OFF WT(k-lbs): 205	TRQE OFF (ft-lbs): 2,250	H.W.D.P. ANN VELOCITY (mpm): 139				
			D.P. ANN VELOCITY (mpm): 139				
<b>BHA DESCRIPTION :</b>	TOOL DESCRIPTION			HRS	SERIAL #	COMMENT	
12 1/4"PDC bit -12/14"NB Stab c/w float - 8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	12 1/4"PDC AG526 bit	72.0	1402214	Bit#3 - HTC refurbished. Gauged as 1/16" UG			
	8" Hydra Jar	117.1	2872	Weir Houston-Used in 17 1/2" section.			
	Anderdrift Survey tool	123.4	ADT811	Used in 36" & 17 1/2" section			

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Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

**Fax:** **Date:** April 27, 1998

**Phone:** **Pages:** 4

**Re:** Yolla 2 Daily Drilling Reports **CC:**

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- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report for 26<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 PT?

CAB ✓ ✓

# Premier Oil

## DAILY DRILLING REPORT # 23

Report Date: 26.04.98

Yolla-2

Well Data							
COUNTRY	Australia	T.D. (m RT) :	1,485.0	CUR. HOLE SIZE (") :	12.25	DAILY COST \$ :	\$153,391
FIELD	Bass Basin	PROGRESS (m) :	54.0	CSG OD (") :	13.38	CUM COST \$ :	\$6,457,258
DRILL CO. :	Northern Offshore	DAYS FROM SPUD :	17.13	SHOE TVD (m RT) :	853	AFE COST \$ :	\$10,108,205
RIG :	Northern Explorer III	DAYS +/- CURVE :		LEAK-OFF EMW(ppg)	0.00	AFE BASIS :	P&A
MUD CO.:	Dowell	CURRENT OP @ 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 1488m.					
RT ABOVE MSL (m) :	12.5	PLANNED OP. : Drill 12 1/4" hole.					
WATER DEPTH @MSL (m) :	81.5						
RT TO SEABED (m) :	94.0						

**Summary of period 00:00 to 24:00 hrs:**

Drill 12 1/4" hole to 1485m. POOH for tri-cone bit. Lost #1 anchor tension - RIH

**Formation Tops - This report only**

FORMATION	TOP(mBRT)

**ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 26.04.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	04:00	4.00	1,451	Drill 1421-1451m, w/ 0-16klbs WOB, 170-200rpm, 750-850gpm, 2400-2900psi, 2-16k ft-lbs torque. ROPs 2-20m/hr, w/stalling. Downhole losses 20bph - 70bph. Added sack LCM to active. ROPs slowly increasing w/ lessening sltstn %.
04:00	05:00	1.00	1,464	Drill 1451-1464m, w/ 0-16klbs WOB, 170-200rpm, 850-700gpm, 2300-2900psi, 2-16k ft-lbs torque. ROPs 2-20m/hr, w/stalling @ 16k ft-lbs. Cont downhole losses max 75bph. Reduced flowrate to 700gpm. Pyrite evident from 1465 - 1474m.
05:00	10:30	5.50	1,485	Drill 1464-1485m, w/ 0-16klbs WOB, 170-200rpm, 700gpm, 2200psi, 2-16k ft-lbs torque. ROPs 2-20m/hr, w/stalling @ 16k ft-lbs. Cont downhole losses max 75bph. Added sack LCM to active. Cont high torque & low ROPs.
10:30	11:30	1.00	1,485	Circ & condition mud prior to POOH for bit/BHA change. Dropped carbide to estimate hole diameter - > 14".
11:30	12:00	.50	1,485	Flow checked well static - okay. Pumped 30bbls slug @ 10.6ppg.
12:00	17:30	5.50	1,485	POOH from 1485 - surface, with generally normal 10-15klbs drags, except from 1050-1000m, where 50klbs O.P. was experienced. Worked 1050-1000m until clean, and continued POOH.
17:30	19:30	2.00	1,485	Observed Diverter not properly aligned with flowline. Turned Diverter ass'y into proper position, and re-secured to flowline.
19:30	20:30	1.00	1,485	MU new BHA #6 with bit #4, HTC ATM GT-18, w/ 3x14's. L/D NB Stab (1/8" UG), and PU new NB Stab, running into hole w/ BHA.
20:30	21:15	.75	1,485	Anchor #1 slipped (storm abating, but waves still > 4m). POOH w/ BHA to prepare for emergency procedures.
21:15	23:00	1.75	1,485	Installed Diverter handling tool as precautionary measure while attempting to heave in and re-set anchor #1.
23:00	24:00	1.00	1,485	RIH w/ bit#4 to shoe while waiting on weather to subside enough before cont to run into open hole.

**ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 27.04.98**

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	01:45	1.75	1,485	RIH to 750m with BHA #6, bit #4.
01:45	02:00	.25	1,485	Break circulation at 750m. Check weather conditions, forecasts.
02:00	04:00	2.00	1,485	RIH from 750 - 1433m. No excessive drags (> 10klbs) observed while RIH.
04:00	05:00	1.00	1,485	Precautionary wash and ream bottom 2 stands, from 1433 - 1485m, with 80rpm, 600gpm, 1900psi, & 2.5-4k ft-lbs torque. Normal drags(<10klbs) and normal torque (<4k ft-lbs) observed.
05:00	05:15	.25	1,485	Took SCR's on both pumps with 30, 40, & 50spm. Filled in kill sheets.
05:15	05:30	.25	1,485	Bedded in new bit #4 with 0-4klbs WOB, 80-100rpm, 600gpm, and 2000psi.
05:30	06:00	.50	1,488	Drilled from 1485-1488m, with 5-12klbs WOB, 120-160rpm, 600-700gpm, 2000-2450psi, and 2-5k ft-lbs torque. Initial ROPs 4-5m/hr, but necessary to adjust parameters to optimize as well as slow pumps for BU solids loading @ shakers.

**ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 26.04.98**

# Premier Oil

**DAILY DRILLING REPORT # 23**

**Report Date: 26.04.98**

**Yolla-2**

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
<p>Lost #1 anchor (fwd, abeam) tension @ 20:30hrs. Heaved on anchor 8m, but initial indications of slippage. Engaged thrusters and re-tensioned to pull back onto location the needed +/- 3m (operations were POOH w/ BHA). Prior to loss of tension working tensions were 100K.</p> <p>Calculated mud making capacity with current stocks in the face of previous losses and the possibility of continued losses. Ordered XCD polymer &amp; less important contingency chemicals. Current mud making is limited by XCD stocks (IDVIS) to 3000bbls.</p> <p>Measured DP after POOH - discovered tally to be in error, with one single fewer than tallied actually in hole. Depth before trip actually 1485m not 1495m as recorded. Confirmed true depth when bottom tagged after bit trip. Loggers remarked all data and samples by -10m, to corrected depth. Will change all reported depths in IDS data base below 865m by -10m.</p> <p>Examined BHA: top and middle String stabs 1/16" UG; jars good, no evidence of leaks. Examined NB Stab: 1/8" UG (laid down). Examined bit: 3/8" UG (gage cutters 1/4" UG). Bit with generally no wear across nose or taper area, but top 3 rows of cutters (gage/shoulder area) on all blades with severe chipping (to 60-70% of cutter area) evident.</p>	<p>Allow anchor to soak, seas to calm, then attempt to re-set with winch.</p> <p>Recommend Dowell re-evaluate future programming requirements in light of adequate hole cleaning concentrations and the geological prognosis of downhole loss possibility.</p> <p>Problem apparently arose from incorrect number of jts of S135 DP manifested aboard. After making up stands and singling in the remainder, the remaining jts left-over were counted. Because the count of total jts onboard was short by one, the total number of jts in the hole and derrick was also one jt short.</p>

Mud Properties		MUD COST FOR TODAY: \$8,278		CUMULATIVE MUD COST TO DATE: \$79,630					
Type :	FL	VISCOSITY( sec / qt ):	67	API FLUID LOSS (cm3/30min)	6	Cl - (ppm) :	38,000	SOLIDS (%vol) :	2.5
KCI		PV (cps) :	17	API FILTER CAKE (32nds inch)	1	K+ (ppm) :	26250	H2O (%vol) :	95.0
FROM :	08:30	YP (lb/100sq.ft):	40	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	200	OIL (%vol) :	0
TIME :		GEL 10s/10m/30m (lb/100sqft) :	11 14 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	7.0	SAND :	0
WEIGHT (ppg):	1.09	FANN 3/6/100	9 12 38			PM:	.3	PH :	9.5
TEMP (C) :	49					PF:	.4	PHPA :	0.0

Bit Data for Bit # 3		IADC # M 2 2 1			Wear							
SIZE (") :	12.25	AVE WOB (k-lbs) :	4	NOZZLES	I	O1	D	L	B	G	O2	R
MANUFACTURER :	HU	AVE RPM :	160		1	6	CT	S	X	3/8	NR	PR/TQ
TYPE :	AG526	FLOW (gpm) :	723	Drilled over the last 24 hrs								
SERIAL # :	1402214	PUMP PRESS. (psi):	2,217	METERAGE (m) :	64	Calculated over the bit run						
DEPTH IN (m RT) :	862	HSI (hp/sqi) :	0	ON BOTTOM HRS :	5.8	CUM. METERAGE (m)	633					
DEPTH OUT (m RT) :	1485			IADC DRILL. HRS :	10.5	CUM. ON BOT. HRS :	34.9					
				TOTAL REVS :	55,584	CUM. IADC DRILL HRS :	72.0					
				ROP (m/hr):	6.1	CUM. TOT. REVS :	334,560					
						ROP (m/hr):	8.8					

BHA # 5 Length (ft) :198.4		STRING WT(k-lbs) :		TRQE MAX (ft-lbs):		D.C. (1) ANN. VELOCITY (mpm):	
HRS ON JARS :		210		16,000		202	
WT BLW JAR(k-lbs):	38	PICK UP WT(k-lbs) :	200	TRQE ON (ft-lbs):	5,410	D.C. (2) ANN VELOCITY (mpm):	202
BHA WT(k-lbs) :	56	SLK OFF WT(k-lbs) :	205	TRQE OFF (ft-lbs):	2,250	H.W.D.P. ANN VELOCITY (mpm):	139
						D.P. ANN VELOCITY (mpm) :	139
BHA DESCRIPTION :		TOOL DESCRIPTION		HRS	SERIAL #	COMMENT	
12 1/4"PDC bit -12/14"NB Stab c/w float - 8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.		12 1/4"PDC AG526 bit		72.0	1402214	Bit#3 - HTC refurbished. Gauged as 1/16" UG	
		8" Hydra Jar		117.1	2872	Weir Houston-Used in 17 1/2" section.	
		Anderdrift Survey tool		123.4	ADT811	Used in 36" & 17 1/2" section	

# Premier Oil

## DAILY DRILLING REPORT # 23

Report Date: 26.04.98

Yolla-2

<b>Anchor Tension (kips)</b>		A1 : 40.0	A2 : 55.0	A3 : 60.0	A4 :	A5 : 70.0		
		A6 : 60.0	A7 : 70.0	A8 : 90.0	A9 :	A10 :		
<b>Workboats</b>	Location	Fuel (kltr)	Barite (sx)	D/wtr (bbl)	P/wtr (bbl)	Cmt (sx)	Bent (sx)	Heli (kltr)
M. Raider	at rig	180			478			
Edwar J. Fairnie	at rig							
<b>Weather &amp; Rig data @ 24:00 hrs</b>								
WIND SP. (kts) : 28.0		VISIB.(nm) : 9		VDL (kips) : 282.0		RIS.TENS: 11		
WIND DIR (deg) : 200		CEILING (m) : 1,100		HEAVE (m) : 1.0		ROLL (deg) : 1.5		
PRES.(mbars) : 1017		WAVES (m) : 2.5		PITCH (deg) : 2.0				
AIR TEMP (C) : 13.0		SWELL (m) : 4.2						
<b>COMMENTS :</b> All anchors pigged. Tension meter on #4 winch broken, #3 repaired. Rec. 0 chopper: 0 PAX onto rig, 0 off. Both standby boats at rig. Anchor #1 slipped at 20:30hrs.								

<b>Bulk Stocks</b>	Used / In Stock						
DRILL WATER (bbl) : 642	2,850	FUEL (bbl) : 13	1,341	GEL (sx) : 0	551	HELI-FUEL (kltr) : 0.0	15.0
POT WATER (bbl) : 207	1,114	BARITE (sx) : 0	7,209	CEMENT (sx) : 0	5,842		

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	26/4/98	BOP TEST	22/4/98	LTI	25/4/98
FIRE	23/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL		RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	1	#PTW	ongoing
				Safety Meeting	26/4/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	71	97	710	2250	30	400	1431	9.1
2	Nat. 12-P.	6.50	71	97			40	460	1431	9.1
							50	525	1431	9.1
							30	400	1431	9.1
							40	450	1431	9.1
							50	525	1431	9.1

Personnel : on Site = 81			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Northern	67
N/S Drig Sup.	Dubravec	Cement	2
		Asiatic ROV	3
Geologist	Franklewicz	Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Other	1
		Premier	3

Survey											
Last Tool Type :	A/drift	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	'V' SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Magnetic Declination :	12.60	956		0.00							A/drift
Survey method :	Min Curvature	984		0.50							A/drift
		1,016		0.00							A/drift
		1,045		0.00							A/drift
		1,190		0.00							A/drift
		1,232		0.00							A/drift
		1,389		1.00							A/drift
		1,475		0.00							A/drift

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

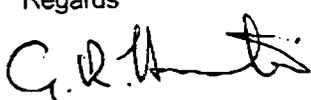
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 26, 1998
<b>Phone:</b>	<b>Pages:</b>
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling summary report for 25<sup>th</sup> April 1998.

Regards  
  
Gordon Hunter  
Drilling Superintendent

YOLLA 2  
CARB ✓



**Premier Oil****Management Report : Issue date 25.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tasi	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 21	REP. DATE : 24.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("): 12.25
DEPTH (m):	1,347.00	PROGRESS (m) 439.00	DAYS FROM SPUD 15.13
DAYS +/- CURVE :			
24 hr SUMMARY : Drilled 12 1/4" hole through primarily claystone from 908 - 1347m.			
STATUS AT 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 1381m.			
PLANNED OP : Drill 12 1/4" hole.			
<b>COST DATA</b>			
DAILY :	\$173,691	CUM : \$6,147,279	AFE : \$10,108,205
		DIFF. AFE-CUM \$3,960,926	

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YOLLA 2

CAB ✓

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 24, 1998
<b>Phone:</b>	<b>Pages:</b> 6
<b>Re:</b> Yolla 2 Daily Drilling Reports	<b>CC:</b>

- Urgent
- For Review
- Please Comment
- Please Reply
- Please Recycle

**•Comments:**

Please find attached the Daily Drilling report and Geological report for 23<sup>rd</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

Report Date: 23.04.98

Yolla-2

Well Data		T.D. (m RT):		CUR. HOLE SIZE ("):		DAILY COST \$:	
COUNTRY	Australia	908.0		12.25		\$177,764	
FIELD	Bass Basin	PROGRESS (m):	46.0	CSG OD ("):	13.38	CUM COST \$:	\$5,973,588
DRILL CO.:	Northern Offshore	DAYS FROM SPUD:	14.13	SHOE TVD (m RT):	853	AFE COST \$:	\$10,108,205
RIG:	Northern Explorer III	DAYS +/- CURVE:		LEAK-OFF EMW(ppg)	0.00	AFE BASIS:	P&A
MUD CO:	Dowell	CURRENT OP @ 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 908m.					
RT ABOVE MSL (m):	12.5	PLANNED OP. : Drill 12 1/4" hole.					
WATER DEPTH @MSL (m):	81.5						
RT TO SEABED (m):	94.0						

## Summary of period 00:00 to 24:00 hrs:

RIH - Tag cement @ 818.5m - drill cmt - drill F/Collar, shoe track, & shoe - drill 3m new formation to 865m - perform FIT - drill 12 1/4" hole.

## Formation Tops - This report only

FORMATION	TOP(mBRT)

## ACTIVITY FOR PERIOD 00:00 HRS TO 24:00 HRS ON 23.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	03:45	3.75	862	MU 1 stand S135 DP & racked in derrick. RIH w/ BHA #5, singling in hole to 790m. Drifted & flushed through all tubulars. No evidence of cmt plug or cement rings observed while RIH.
03:45	04:00	.25	862	Conducted kick drill, simulating active pit gain while RIH. 3min needed to stab in grey v/v, close v/v, space out, and simulate annular closing.
04:00	04:30	.50	862	MU TDS, & washed from 780 - 818.5m, w/ 0 WOB, 0rpm, 850gpm, & 2350psi. Tagged plug/TOC @ 818.5m, w/ 3klbs WOB. Picked up, & feathered bottom/worked junk 15min w/ 0-2klbs WOB, 80rpm, 850gpm, 2380psi, & 0-2k ft-lbs torque.
04:30	06:00	1.50	862	Drill plug/hard cmt 818.5 - 820m, w/0-10klbs WOB, 80-100rpm, 850gpm, 2400psi, & 1.5-5k ft-lbs torque. ROP's 0-4m/hr. Increase in torque noted @ 820m, together w/ cmt plug plastic at shakers. Pump 35bbl HiVis sweep. No junk observed.
06:00	08:30	2.50	862	Drill plug/hard cmt 820- 826m, w/0-10klbs WOB, 80-100rpm, 850gpm, 2400psi, & 1.5-5k ft-lbs torque. Observed torque change at 826.3m, top to F/C (theoretical top @ 825.9m). Instantaneous ROP's 0-1m/hr.
08:30	11:00	2.50	862	Drilled F/Collar 826.3 -827m, & shoe track to 835m. Observed high torque as NB stab passed through F/C. Worked F/C w/ NB stab. High torque w/ TDS stalling when btm String Stab @ F/C-suspect stab hanging up @ F/C.
11:00	14:00	3.00	862	Unable to progress past 836m due to TDS stalling-BHA spaceput indicates bit/NB Stab below F/C, but lower string stab hanging up on F/C, possibly due to bit 1/16" UG. Vary WOB, rpm to minimize stalling, but minimal progress observed.
14:00	15:30	1.50	862	Cont attempts to drill F/C. Made repeated passes through F/C w/ bit & NB Stab, but immediate TDS stalling as soon as String Stab attempted to pass. Only progress gained when able to position Stab on F/C & drill w/ btm of stab blade.
15:30	16:30	1.00	862	Broke lower Stab through F/C to 837m. Reamed F/C area, and drilled shoe track from 837-852m, w/3-10klbs WOB, 80-100rpm, 850gpm, 2380psi, & 1.5-5k ft-lbs torque. Pumped HiVis sweep to clean hole of remaining cmt, plug, etc.
16:30	17:30	1.00	862	Tagged shoe @ 853m, and drilled with parameters a/a. PU and backreamed/reamed through F/C, shoe track, & shoe until minimum torque observed (< 4k ft-lbs). Pumped 35bbl HiVis sweep to clean hole.
17:30	18:00	.50	865	Cleaned out rathole, and drilled 3m of new formation to 865m, w/ 0-2klbs WOB, 90rpm, 850gpm, 2400psi, & 2-4k ft-lbs torque, while pumping 50bbl HiVis sweep, followed immediately w/ displacement of 1.1sg KCl/PHPA mud.
18:00	20:00	2.00	865	Displaced 17.5ppb KCl mud w/ PHPA polymer into hole, w/ 600gpm, slow string rotation, & pipe reciprocation for cleaned interface. Circ 30min after KCl returns observed @ shakers to shear polymers & balance MW (1.07sg in system).
20:00	21:00	1.00	865	Pulled back to shoe @ 853m. RU Dowell cement unit. P/tested lines to 2000psi for 20min - okay. Performed F.I.T. w/1.07sg mud to 830psi surface-no leak off. EMW = 1.75sg, R/D Dowell.
21:00	21:30	.50	865	P/U Emergency Hang-off tool from derrick, and made up tool/dbl pin to proper torque. Racked back in derrick. Held tool box talk on operation of tool to rigcrew.

Report Date: 23.04.98

Yolla-2

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
21:30	22:00	.50	865	Flushed choke & kill lines w/ mud. Took SCR's on both pumps @ 30, 40, & 50spm. Pumped through C & K lines to establish pressure losses. Filled out kick sheets.
22:00	24:00	2.00	908	Drill 12 1/4" hole 865 - 908m, w/ 0-2klbs WOB, 80-200rpm(to 200rpm when Stabs out of shoe), 850-800gpm, 2350psi, & 2-10k ft-lbs torque. Reduce flowrate to 800gpm for shaker losses. String stalling due to poor compensator/lrg PDC cutters.

ACTIVITY FOR PERIOD 00:00 HRS TO 06:00 HRS ON 24.04.98

FROM	TO	HRS	DEPTH	ACTIVITY DESCRIPTION
00:00	06:00	6.00	1,028	Drill 908-1028m, w/ 0-4klbs WOB, 200rpm, 800gpm, 2350psi, 2-10k ft-lbs torque. ROPs 10-50m/hr through clystn. Survey every std (0-0.5deg). Cont erratic ROPs/torque due to difficultly unreeling weight through compensator.

ANNOTATIONS FOR PERIOD 00:00 HRS TO 24:00 HRS ON 23.04.98

REMARK / OBSERVATION	SOLUTION / RECOMMENDATION
Held kick drill with drill crew while RIH; crew were informed beforehand, but knew the procedures, proper tool, and performed well. Jumped ROV to conduct check of PGB & bulls-eyes; observed bulls-eyes having changed, from having read 3/4deg forward before the 13 3/8" casing cementation to 3/4deg port presently.	Cont with drills to further acquaint those of crew with limited or no offshore experience with the correct procedures.

Mud Properties		MUD COST FOR TODAY: \$4,008				CUMULATIVE MUD COST TO DATE: \$44,922			
Type :	VISCOSITY( sec / qt ):	56	API FLUID LOSS (cm3/30min)	8	Cl - (ppm) :	32,000	SOLIDS (%vol) :	1.7	
KCI	PV (cps) :	11	API FILTER CAKE (32nds inch)	1	K+ (ppm) :	0	H2O (%vol) :	96.0	
FROM :	YP (lb/100sq.ft):	22	HTHP FLUID LOSS (cm3/30min)	0	HARD/Ca (ppm) :	100	OIL (%vol) :	0	
TIME :	GEL 10s/10m/30m (lb/100sqft) :	8 10 0	HTHP FILTER CAKE (32nds inch)	0	MBT (ppb eq) :	0.0	SAND :		
WEIGHT (ppg):	FANN 3/6/100	10 13 0			PM:	.7	PH :	9.5	
TEMP (C) :					PF:	.4	PHPA :	0.0	

Bit Data for Bit # 3		IADC # M 2 2 1			Wear								
SIZE (" ):	12.25				I	O1	D	L	B	G	O2	R	
MANUFACTURER :	HU	AVE WOB (k-lbs) :	1		NOZZLES				Drilled over the last 24 hrs				
TYPE :	AG526	AVE RPM :	200		3 x12	METERAGE (m) :				Calculated over the bit run			
SERIAL # :	1402214	FLOW (gpm) :	800		2 x14	ON BOTTOM HRS :				CUM. METERAGE (m)			
DEPTH IN (m RT) :	862	PUMP PRESS. (psi):	2,150		X	IADC DRILL. HRS :				CUM. ON BOT. HRS :			
DEPTH OUT (m RT) :		HSI (hp/sqi) :	1		X	TOTAL REVS :				CUM. IADC DRILL HRS:			
					X	ROP (m/hr):				CUM. TOT. REVS :			
						27.9				19,800			
										27.9			

BHA # 5		Length (ft) :198.4		D.C. (1) ANN. VELOCITY (mpm):				228						
HRS ON JARS :		STRING WT(k-lbs) :	174	TRQE MAX (ft-lbs):	11,000		D.C. (2) ANN VELOCITY (mpm):				228			
WT BLW JAR(k-lbs):	38	PICK UP WT(k-lbs) :	176	TRQE ON (ft-lbs):	1,550		H.W.D.P. ANN VELOCITY (mpm):				157			
BHA WT(k-lbs) :	56	SLK OFF WT(k-lbs) :	172	TRQE OFF (ft-lbs):	1,100		D.P. ANN VELOCITY (mpm) :				157			

BHA DESCRIPTION :	TOOL DESCRIPTION	HRS	SERIAL #	COMMENT
12 1/4"PDC bit -12/14"NB Stab c/w float - 8"Anderdrift - 8"Pony NMDC - 12 1/4" Stab - Totco ring - 8"NMDC - 12 1/4"Stab - 6x8"DC - Jar - 3x8"DC - x/o - 1 x HWDP - dart sub - 8 X HWDP.	8" Anderdrift Tool	19.5	1402214	Bit#3 - HTC refurbished. Gauged as 1/16" UG
	8" Hydra Jar	48.6	2872	Weir Houston
	12 1/4"PDC AG526 bit	53.6	ADT 811	Also used in 36" & 17 1/2" sections
	Anderdrift Survey tool	48.6	2872	Used in 17 1/2" section.
		19.5	1402214	
		53.6	ADT811	Used in 36" & 17 1/2" section

Report Date: 23.04.98

Yolla-2

<b>Anchor Tension (kips)</b>	A1 : 45.0 A6 : 80.0	A2 : 60.0 A7 : 75.0	A3 : 200.0 A8 : 80.0	A4 : A9 :	A5 : 85.0 A10 :	
<b>Workboats</b>	Location: Geelon Fuel (kltr): Barite (sx): D/wtr (bbl): P/wtr (bbl): Cmt (sx): Bent (sx): Heli (kltr):	<b>Weather &amp; Rig data @ 24:00 hrs</b>				
M. Raider Edwar J. Faimie	at rig	WIND SP. (kts) : 7.0 WIND DIR (deg) : 0 PRES.(mbars): 1021 AIR TEMP (C) : 13.8			VISIB.(nm) : 12 CEILING (m) : 1,300 WAVES (m) : .5 SWELL (m) : .7	VDL (kips): RIS.TENS: HEAVE (m) : ROLL (deg) : PITCH (deg) :
<b>COMMENTS :</b> All anchors piggied; balanced aft anchors. Tension meters on #3 & #4 winches still broken. Rec. 1 chopper: 12 PAX onto rig, 13 off. New standby boat at rig.						

<b>Bulk Stocks</b>	Used / In Stock			
DRILL WATER (bbl) : 629	2,761	FUEL (bbl) : 13	1,380	GEL (sx) : 0
POT WATER (bbl) : 0	1,736	BARITE (sx) : 0	7,209	CEMENT (sx) : 0
				551
				5,842
				HELI-FUEL (kltr) : 0.3
				15.0

Drills, Permits & Inspections					
DRILL TYPE	DATE	INSPECTIONS	DATE	SAFETY	DETAILS
TRIP DRILL	20/4/98	BOP TEST	22/4/98	LT!	
FIRE	23/4/98	NEXT TEST DUE DATE		MTI	17/4/98
PIT DRILL		RIG INSPECTION	17/4/98	JSA	ongoing
INCIDENT		DAYS SINCE LTA	113	#PTW	ongoing
				Safety Meeting	20/4/98

Casing					
CSG OD (")	LOT	PHASE	CSG SHOE MD	CSG SHOE TVD (mBRT)	
13.3/8 "			853	853	
TYPE	LNPTH (m)	CSG ID (")	WT lbs/ft	GRD	THREAD
Shoe jt	14.9	12.4	68.0	L80	N.VAM
1 x jt	11.5	12.4	68.0	L80	N.VAM
F/Collar jt	12.3	12.4	68.0	L80	N.VAM
62 x jts	713.4	12.4	68.0	L80	N.VAM
1 x pup "A"	3.1	12.4	68.0	L80	N.VAM
WH.jt	5.5	12.4	68.0	L80	N.VAM

Pump Data										
Pump Data - last 24 hrs							Slow Pump Data			
#	TYPE	LNPR (")	SPM	EFF (%)	Flow (gpm)	SPP (psi)	SPM	SPP (psi)	DEPTH (m RT)	MW (ppg)
1	Nat. 12-P.	6.50	80	97	800	2150	30	225	865	8.9
2	Nat. 12-P.	6.50	80	97			40	300	865	8.9
							50	325	865	8.9
							30	225	865	8.9
							40	300	865	8.9
							50	375	865	8.9

Personnel : on Site = 84			
JOB TITLE	NAME	COMPANY NAME	#
Drig Supervisor	Knobl	Northern	68
N/S Drig Sup.	Dubravac	Cement	2
		Asiatic ROV	3
Geologist	Frankiewicz	Mud	1
Northern Explorer P	Cox & Milroy	GeoServices	4
		Other	3
		Premier	3

Survey	MD (m RT)	TVD (m RT)	INCL DEG	AZ (deg)	CORR. AZ (deg)	V SECT (m)	DOGLEG (m/30m)	N/S (m)	E/W (m)	TOOL TYPE
Last Tool Type :										A/drift
Magnetic Declination :										A/drift
Survey method :										A/drift
										A/drift
										A/drift
										A/drift
										A/drift
										A/drift
										A/drift

## GEOLOGICAL MORNING REPORT

### PREMIER OIL (AUSTRALASIA) LIMITED YOLLA 2

1. REPORT NO :	10
2. DATE :	23/04/98
3. DAYS SINCE SPUD :	14.13
4. MIDNIGHT DEPTH :	908 m
5. 0600 DEPTH :	1028 m
6. 0600 TO 0600 METREAGE :	166 m
7. PRESENT LITHOLOGY :	Claystone w/ interbedded Limestone stringers.
8. FORMATION:	Torquay group
9. PRESENT OPERATION :	Drilling ahead.

#### 10. GAS PEAKS

Depths (From - To)	(%) TOTAL	(PPM) C1	C2	C3	IC4	NC4	C5
862 - 908	.16%	1098					

#### 11. PROVISIONAL FORMATION TOPS:

Formation	Prognosed	Actual
Angahook	1094.5m	

#### 12. COMMENTS:

Drilled out of the casing shoe to 865 meters where we performed FIT to 1.75 S.G. Drilling ahead from 865 metres.

**GEOLOGICAL MORNING REPORT**

**13. LITHOLOGIES :**

DEPTH (from - to)	DESCRIPTION & SHOWS	GAS			ROP		
		Min	Max	Avg	Min	Max	Avg
862 - 910	<p><b>CLAYSTONE:</b> (80-100%) lt gy-vlt gy, sft-frn, amorp i/p, hlky-sbblky, grades to <b>CALCITURITE</b> i/p, calc, com mica flakes, tr blk carb spks / lam, tr forams, tr bry, tr pyr nods.</p> <p><b>LIMESTONE:</b> (Tr-20%) off wh-pl yel org. plas. stky, mod - v calc, sl dol, tr cyptrln, tr med brn- blk oxidized Fe, tr nautilus, shell frags, coral.</p>	.1	.16	.1	9.9	96.7	27.9

**14. GEOLOGIST: K. FRANKIEWICZ**

lk

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:** **Date:** April 24, 1998

**Phone:** **Pages:**

**Re:** Yolla 2 Daily Drilling Reports **CC:**

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**•Comments:**

Please find attached the Daily Drilling summary report for 23<sup>rd</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

✓

**Premier Oil****Management Report : Issue date 24.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 20	REP. DATE : 23.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("): 12.25
DEPTH (m):	908.00	PROGRESS (m) 46.00	DAYS FROM SPUD 14.13
DAYS +/- CURVE :			
24 hr SUMMARY : RIH - Tag cement @ 818.5m - drill cmt - drill F/Collar, shoe track, & shoe - drill 3m new			
STATUS AT 0600 : Drilling 12 1/4" hole; depth @ 06:00hrs - 908m.			
PLANNED OP : Drill 12 1/4" hole.			
<b>COST DATA</b>			
DAILY :	\$177,764	CUM : \$5,973,588	AFE : \$10,108,205
			DIFF. AFE-CUM \$4,134,617

15

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Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

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**•Comments:**

Please find attached the Daily Drilling summary report for 22<sup>nd</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING	
CAB	✓

# Premier Oil

## Management Report : Issue date 23.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 19		REP. DATE : 22.04.98	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE ("):	17.50
DEPTH (m):	862.00	PROGRESS (m):		DAYS FROM SPUD 13.13	DAYS +/- CURVE :
24 hr SUMMARY : Tested BOP(on blue pod) - function test yellow pod - set wear bushing - MU 9 5/8" csg x/over -					
STATUS AT 0600 : Drilling cement @ 820m..					
PLANNED OP : RIH 12 1/4" BHA & 5" DP singles. Drill cmt & shoe. Displace to KCl mud. Drill 3m new hole.					
<b>COST DATA</b>					
DAILY :	\$148,113	CUM :	\$5,943,358	AFE :	\$10,108,205
				DIFF. AFE-CUM	\$4,164,847

# Premier Oil

14

## Management Report : Issue date 22/04/98

### Report Distribution Lis

Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resourc	0882231851
Carol Bacon	Mineral Resources Ta	0362338338
Neil Tupper	Santos	0882247765
Ross Naumann	Boral	0733697840

<b>WELL : Yolla-2</b>		<b>REP. NUMBER : 18</b>		<b>REP. DATE : 21/04/98</b>			
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE ("):	17.50		
DEPTH (m):	862.00	PROGRESS (m):	DAYS FROM SPUD 12.1	DAYS +/- CURVE :			
24 hr SUMMARY : Run BOP & riser - landed & latched - took 50K o/pull - stroke out Slip Jt & installed Diverter -							
STATUS AT 0600 : Running wear bushing. Prepare to MU 5" DP.							
PLANNED OP : Test csg/BOPs. Run wear sleeve. RIH 12 1/4" BHA. Drill cmt & shoe. Displace to KCl mud.							
<b>COST DAT</b>							
DAILY :	\$147,533	CUM :	\$5,579,752	AFE :	\$10,108,205	DIFF. AFE-CUM	\$4,528,453

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YOLLA 2 DRILLING

CAB

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# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji    **From:** Gordon Hunter  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

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**•Comments:**

Please find attached the Daily Drilling summary report for 19<sup>th</sup> April 1998.

Regards

*Gordon Hunter*  
Gordon Hunter

Drilling Superintendent

YOLLA DRILLING

CAB ✓ 6

# Premier Oil

## Management Report : Issue date 20.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 16	REP. DATE : 19.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("): 17.50
DEPTH (m):	862.00	PROGRESS (m):	DAYS FROM SPUD 10.1: DAYS +/- CURVE :
24 hr SUMMARY : Set anchors - move rig off location - work on BOPs - MU Ball jt - MU 1st Riser jt - P/Test 1st			
STATUS AT 0600 : W.O.W.			
PLANNED OP : Run BOPs & Riser.			
<b>COST DATA</b>			
DAILY :	\$167,939	CUM : \$5,432,218	AFE : \$10,108,205    DIFF. AFE-CUM \$4,675,987

R

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Geelong Operations Base  
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Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources , Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:**

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Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

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## Management Report : Issue date 19.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource:	0396297318
Angus Guthrie	Boral Energy Resource:	0882231851
Carol Bacon	Mineral Resource Tas:	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 15	REP. DATE : 18.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE (") : 17.50
DEPTH (m):	862.00	PROGRESS (m) :	DAYS FROM SPUD 9.13
DAYS +/- CURVE :			
24 hr SUMMARY : Jetted PGB clean - work anchors with new Stevpris anchors (in meantime, prepared equip & STATUS AT 0600 : Run BOPs.			
PLANNED OP : Run BOPs & Riser.			
<b>COST DATA</b>			
DAILY :	\$201,376	CUM : \$5,264,280	AFE : \$10,108,205
DIFF. AFE-CUM \$4,843,925			

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**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

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Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

# Premier Oil

## Management Report : Issue date 18.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 14	REP. DATE : 17.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("): 17.50
DEPTH (m):	862.00	PROGRESS (m):	DAYS FROM SPUD 8.13 DAYS +/- CURVE :
24 hr SUMMARY : Run 13 3/8" csg . cement csg - pull running string - jet wellhead - test pull anchors & re-set as STATUS AT 0600 : Working anchors.			
PLANNED OP : Finish working anchors. L/out 17 1/2" tools. MU 12 1/4" BHA. MU 5" DP. Run BOP's			
<b>COST DATA</b>			
DAILY :	\$251,642	CUM : \$5,062,903	AFE : \$10,108,205 DIFF. AFE-CUM \$5,045,302

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# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

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Please find attached the Daily Drilling summary report for 16<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

# Premier Oil

## Management Report : Issue date 17.04.98

### Report Distribution List

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 13	REP. DATE : 16.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE ("): 17.50
DEPTH (m):	862.00	PROGRESS (m) 290.00	DAYS FROM SPUD 7.13
DAYS +/- CURVE :			
24 hr SUMMARY : Drilled 17 1/2" hole to TD @ 862m. Displaced hole to 1.14sg hi-vis gel mud - dropped EMS -			
STATUS AT 0600 : Run 13 3/8" csg. Depth @ 06:00hrs = 62m			
PLANNED OP : Finish running 13 3/8" csg. Cement casing. POOH. Function test BOPs.			
<b>COST DATA</b>			
DAILY :	\$170,525	CUM : \$4,811,261	AFE : \$10,108,205
		DIFF. AFE-CUM \$5,296,944	

9

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Geelong Operations Base  
Phone: 0352722101  
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# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:** \_\_\_\_\_ **Date:** April 16, 1998

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Please find attached the Daily Drilling summary report for 15<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB ✓

**Premier Oil****Management Report : Issue date 16.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadjj	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 12	REP. DATE : 15.04.98
DRILLING CO.:	Northern Offshore	RIG : Northern Explorer III	HOLE SIZE (") : 17.50
DEPTH (m):	572.00	PROGRESS (m) 131.00	DAYS FROM SPUD 6.13
DAYS +/- CURVE :			
24 hr SUMMARY : Wait on repairs to ROV - work anchors - jumped ROV - RIH with BHA - TDS repairs - drilled 17			
STATUS AT 0600 : Drilling to 17 1/2" TD at 862m. Depth @ 06:00hrs = 741m.			
PLANNED OP : Drill to TD. Sweep hole w/ HVis. Displace hole to 1.14sg HVis. POOH. RU & run 13 3/8" csg			
<b>COST DATA</b>			
DAILY :	\$188,990	CUM : \$4,640,737	AFE : \$10,078,184
		DIFF. AFE-CUM \$5,437,447	

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NOTE: 17 1/2" hole TD revised from 700m to 862m due to interbedded nature of "Mid Miocene" experienced while drilling, which may lead to washout and ledging problems if left exposed during 12 1/4" section. Casing setting depth will be approximately 850m in the "Lower Mid Miocene".

8

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Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji      **From:** Gordon Hunter  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

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**•Comments:**

Please find attached the Daily Drilling summary report for 14<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

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**Premier Oil****Management Report : Issue date 15.04.98****Report Distribution List**

NAME	LOCATION	FAX NO.
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 11		REP. DATE : 14.04.98	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE (") :	17.50
DEPTH (m):	441.00	PROGRESS (m) :	DAYS FROM SPUD 5.13	DAYS +/- CURVE :	
24 hr SUMMARY : W.O.W - worked cranes - worked boats - "Commander" re-set #5 anchor - moved rig over well					
STATUS AT 0600 : ROV camera u/s. Rigging up rig camera to be able to final position the rig & enter wellhead					
PLANNED OP : RIH (jump ROV when repaired). Drill to TD at 850m. Wiper trip. RU & RIH w/ 13 3/8" csg.					
<b>COST DATA</b>					
DAILY :	\$161,288	CUM : \$4,451,746	AFE : \$10,078,184	DIFF. AFE-CUM	\$5,626,438

Premier Oil Australasia  
Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

<b>Fax:</b>	<b>Date:</b> April 14, 1998
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**-Comments:**

Please find attached the Daily Drilling summary report for 13<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA DRILLING

CAB

✓

**Premier Oil..****Management Report : Issue date 14.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

**WELL : Yolla-2****REP. NUMBER : 10****REP. DATE : 13.04.98**

DRILLING CO.: Northern Offshore RIG : Northern Explorer III HOLE SIZE (" ) : 17.50

DEPTH (m): 441.00 PROGRESS (m): DAYS FROM SPUD 4.13 DAYS +/- CURVE :

24 hr SUMMARY : WOW

STATUS AT 0600 : WOW. Seas still marginal for anchor operations. Prepare to re-position rig over wellhead. --

PLANNED OP : WOW. Jump ROV &amp; check wellhead. Re-lay anchors 5 &amp; 6. Continue drilling 17 1/2" hole

**COST DATA --**

DAILY : \$150,029. CUM : \$4,290,458 AFE : \$10,078,184 DIFF. AFE-CUM \$5,787,726

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# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:**

**Date:** April 13, 1998

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**•Comments:**

Please find attached the Daily Drilling summary report for 11<sup>th</sup> & 12<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

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**Premier Oil****Management Report : Issue date 13.04.98****Report Distribution List**

NAME	LOCATION	FAX NO.
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2	REP. NUMBER : 9	REP. DATE : 12:04:98
DRILLING CO. : Northern Offshore	RIG : Northern Explorer III	HOLE SIZE (") : 17.50
DEPTH (m) : 441.00	PROGRESS (m) 288.00	DAYS FROM SPUD 9.13
24 hr SUMMARY : Drilled 17 1/2" hole to 441M. Elect/Mech problems with TDS. POOH for TDS repairs. WOW:		
STATUS AT 0600 : WOW		
PLANNED OP : WOW. RIH w/ 17 1/2" assy & drill to section TD. Wiper trip. POOH. RU, run & cmt 13 3/8"		
<b>COST DATA</b>		
DAILY : \$155,715	CUM : \$4,140,429	AFE : \$10,078,184
DIFF. AFE-CUM \$5,937,755.		

**Premier Oil****Management Report : Issue date 13.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2	REP. NUMBER : 8	REP. DATE : 11.04.98
DRILLING CO. : Northern Offshore	RIG : Northern Explorer-III	HOLE-SIZE (") : 17.50
DEPTH (m) : 153.00	PROGRESS (m) : 1.10	DAYS FROM SPUD : 2.13
DAYS +/- CURVE :		
24 hr SUMMARY : MU 5" DP into stands. MU Emergency hang-off tool, and put on rig floor. MU new 17 1/2"		
STATUS AT 0600 : Drilling 17 1/2" hole. Strapping 13 3/8" csg.		
PLANNED-OP. : Drill to section TD. Displace hole to 1.14sg HVIs. Wipe hole. Re-displace as necessary.		
<b>COST DATA</b>		
DAILY :	\$251,045	CUM : \$3,984,714
		AFE : \$10,078,184
		DIFF. AFE-CUM \$6,093,470

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Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji      **From:** Gordon Hunter  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

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Please find attached the Daily Drilling summary report for 10<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

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**Premier Oil****Management Report : Issue date 11.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

WELL : Yolla-2		REP. NUMBER : 7		REP. DATE : 10.04.98	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE (") :	36.00
DEPTH (m):	151.90	PROGRESS (m)	6.90	DAYS FROM SPUD	1.13
24 hr SUMMARY : Drilled 26"/36" hole from 145 -151.9m. Ran & cemented 30" conductor.					
STATUS AT 0600 : MU 5" DP. Prepare to drill 17 1/2" hole, meanwhile prepare to tension test anchors #5 & #8.					
PLANNED OP : MU +/- 700m 5" DP. MU BHA & 26" bit. RIH & drill cmt, shoe, & 1m new formation. Survey.					
<b>COST DATA</b>					
DAILY :	\$258,391	CUM :	\$3,733,669	AFE :	\$10,078,184
		DIFF: AFE-CUM \$6,344,515			

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Geelong Operations Base  
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Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

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Please find attached the Daily Drilling summary report for 9<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

CAB

**Premier Oil****Management Report : Issue date 10.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santes Ltd.	0882247765
Ross Naumann	Boral	0733697840

**WELL : Yolla-2****REP. NUMBER : 6****REP. DATE : 09.04.98**

DRILLING CO.: Northern Offshore RIG : Northern Explorer III HOLE SIZE (" ) : 36.00

DEPTH (m): 145.00 PROGRESS (m) 145.00 DAYS FROM SPUD 0.13 DAYS +/- CURVE :

24 hr SUMMARY : WOW before continuing with anchor operations. Moved rig over final location &amp; test-pulled

STATUS AT 0600 : Spudded well at 21:00hrs. Drilled to 151M. Out of hole with 26"/36" BHA. RU to run 30"

PLANNED OP : Run &amp; cmt 30". MU 26" BHA. Drill out 30" shoe. MU 17 1/2" BHA. RIH. Drill 17 1/2" hole. Re-

**COST DATA**

DAILY : \$517,255 CUM : \$3,475,278 AFE : \$10,078,184 DIFF: AFE-CUM. \$6,602,906

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Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie, Ross Naumann  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

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Please find attached the Daily Drilling summary report for 8<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent



**Premier Oil****Management Report : Issue date 09.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resourc	0882231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765
Ross Naumann	Boral	0733697840

**WELL : Yolla-2****REP. NUMBER : 5****REP. DATE : 08.04.98**

DRILLING CO.: Northern Offshore RIG : Northern Explorer III HOLE SIZE ("):

DEPTH (m): PROGRESS (m): DAYS FROM SPUD : DAYS +/- CURVE:

24 hr SUMMARY : Re-set anchors &amp; tension tested = negative. Recovered #5 to "Commander's" deck. W.O.W. -

STATUS AT 0600 : Waiting on weather to abate sufficiently to re-work anchors.

PLANNED OP : Reset primary (w/ piggies) &amp; secondary anchors, and attempt minimum tensioning. Attempt to

**COST DATA**

DAILY : \$140,195 CUM : \$2,958,023 AFE : \$10,108,205 DIFF. AFE-CUM \$7,150,182

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Geelong Operations Base  
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Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:**

**Date:** April 8, 1998

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**•Comments:**

Please find attached the Daily Drilling summary report for 7<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING

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**Premier Oil****Management Report : Issue date 08.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0883231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765

<b>WELL : Yolla-2</b>		<b>REP. NUMBER : 4</b>		<b>REP. DATE : 07.04.98</b>	
DRILLING CO.:	Northem Offshore	RIG :	Northern Explorer III	HOLE SIZE (" ) :	
DEPTH (m):		PROGRESS (m):		DAYS FROM SPUD :	DAYS +/- CURVE :
24 hr SUMMARY : Ran anchors & attempted test pulls without success. Loaded anchor handler with piggy backs					
STATUS AT 0600 : Anchors slipping on hard seabed. Cont. to work drilling equipment on deck.					
PLANNED OP : Mobilise Stevshark anchors. Review situation for possibility of spud with reduced parameters					
<b>COST DATA</b>					
DAILY :	\$135,175	CUM :	\$2,817,628	AFE :	\$10,108,205
				DIFF: AFE-CUM :	\$7,290,577

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Geelong Operations Base  
Phone: 0352722101  
Fax: 0352722058



# Fax

**To:** Victoria Minerals & Petroleum Ops, Attn: Ahmed Nadji  
Mineral Resources Tasmania, Attn: Carol Bacon  
Boral Energy Resources, Attn: A. Guthrie  
Santos Ltd., Attn: Neil Tupper  
Cue Resources, Attn: Andrew Adams

**From:** Gordon Hunter

**Fax:** **Date:** April 6, 1998

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Please find attached the Daily Drilling summary reports for 4<sup>th</sup> and 5<sup>th</sup> April 1998.

Regards

Gordon Hunter

Drilling Superintendent

YOLLA 2 DRILLING  
70644  
CAB *LB*

**Premier-Oil****Management Report : Issue date 06.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0883231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765

<b>WELL : Yolla-2</b>		<b>REP. NUMBER : 1 . .</b>		<b>REP. DATE : 04.04.98 . . .</b>	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE (" ) :	
DEPTH (m):		PROGRESS (m) :		DAYS FROM SPUD :	DAYS +/- CURVE :
24 hr SUMMARY : Loaded rig and anchor handler. Proceeded to location.					
STATUS AT 0600 : On location & preparing to run anchors.					
PLANNED OP : Run anchors.					
<b>COST DATA</b>					
DAILY :	\$2,127,788	CUM :	\$2,127,788	AFE :	\$10,108,205
				DIFF. AFE-CUM	\$7,980,417

**Premier Oil****Management Report : Issue date 06.04.98****Report Distribution List**

NAME	LOCATION	FAX NO
Ahmed Nadji	Minerals & Petroleum	0394125152
Andrew Adams	Cue Energy Resource	0396297318
Angus Guthrie	Boral Energy Resource	0883231851
Carol Bacon	Mineral Resource Tas	0362338338
Neil Tupper	Santos Ltd.	0882247765

<b>WELL : Yolla-2</b>		<b>REP. NUMBER : 2</b>		<b>REP. DATE : 05.04.98</b>	
DRILLING CO.:	Northern Offshore	RIG :	Northern Explorer III	HOLE SIZE ("):	
DEPTH (m):		PROGRESS (m) :		DAYS FROM SPUD :	DAYS +/- CURVE :
24 hr SUMMARY : Move to location & run anchors. Wait on anchor handler crew. Prepare to spud well.					
STATUS AT 0600 : Preparing to run anchors after shutdown					
PLANNED OP. : Run 4th primary anchor and start loading out and laying secondary anchors --					
<b>COST DATA</b>					
DAILY :	\$316,157 -	CUM :	\$2,443,945 --	AFE :	\$10,108,205 --
				DIFF.-AFE-CUM	\$7,664,260