

**CRC-1**

<b>Date :</b>	18 Feb 2007	<b>Well Site Manager :</b>	Kevin Murphy	<b>Rig Manager :</b>	Agus Nugroho
<b>Report Number</b>	4	<b>Drilling Supervisor :</b>	Kevin Murphy / Brian Assels	<b>Drilling Company :</b>	N/A3 - CDL Rig 11
<b>Easting</b>	657913	<b>Northing</b>	5733761	<b>Geologist :</b>	Dave Horner

**Well Details**

Country:	Australia	Current Hole Size:	9.88in	Casing O.D.:	7.63in	Planned TD:	2250.0m
Field:	Otway (Naylor)	Measured Depth:	516.0m	Casing MD:	512.0m	Last BOP Test:	
Rig:	CDL Rig 11	True Vertical Depth:	516.0m	Casing TVD:	512.0m	FIT/LOT:	/
RT - AMSL:	50.00m	24 Hr Progress:	0.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	3.54	Liner MD:		LTI Free Days:	
Datum:	GDA 94	Days On Well:	16.54	Liner TVD:			

Current Ops @ 0600: Pressure test BOP.  
 Planned Operations: RIH with Bit #2 on BHA #2. Drill shoe track and 10 m of new hole. Conduct XLOT. Con't drill 6-3/4" hole.

**Summary of Period 0000 to 2400 Hrs**

Cement 7-5/8" surface casing. WOC, cut conductor, install A-section, NU BOP.

**HSE Summary**

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening ( 2 )	18 Feb 2007	0 Days	Personnel blow into alcoholizer
Pre-Tour Meetings ( 2 )	18 Feb 2007	0 Days	Housekeeping & cement operations

**Operations For Period 0000 Hrs to 2400 Hrs on 18 Feb 2007**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	P	CIC	0000	0130	1.50	516.0m	Circ casing and condition hole. Mix cement chemicals. Hold pre-job safety meeting.
SH	P	CMC	0130	0230	1.00	516.0m	Pump 10 bbls water ahead. P/test treating lines - fix leaks. P/test to 3500 psi. Pump 50 bbls water. Drop bottom plug.
SH	P	CMC	0230	0430	2.00	516.0m	Mix cement. Pump 67 bbls Class G lead cement at 12.5 ppg with 2.5% Bentonite BWOC, 1% CaCl2 BWOC. Mix and pump 33.5 bbls Class G lead cement at 15.8 ppg with 0.5 % CaCl2 BWOC. Release top plug. Displace cement with 79.1 bbls drilling mud at 6.6 bpm. Slow pump rate to 1.0 bpm for last 5 bbls. Bump plug & test casing to 3000 psi for 5 min. Held OK. Bleed off - 1 bbl back. Record 20 bbls of good cement returns at shakers. Bump plug at 04:05 hrs.
SH	P	RRD	0430	1100	6.50	516.0m	W.O.C. Clean cement unit. Flush flow line. Clean up work floor. Flush flowline ,Lift Conductor, Press test choke manifold. Prepare for BOP nipple up
SH	P	BOP	1100	2400	13.00	516.0m	Rig down Schlumberger cement head,Back out landing joint and lay out, lay out conductor barrel. Install braden head & nipple up BOPs

**Operations For Period 0000 Hrs to 0600 Hrs on 19 Feb 2007**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	P	BOP	0000	0600	6.00	516.0m	NU Choke line to manifold. PU test plug, MU x/overs and RIH on 3-1/2" DP. Seat test plug. Close pipe rams and pressure up - no good. Concurrent RU flare line and degasser line to pit.

WBM Data								
Daily Chemical Costs: \$ 6395				Cost To Date: \$ 10515		Engineer : Peter N ARONETZ		
Mud Type:	KCl / PHPA / POLYMER	Flowline Temp:	Cl:	9x1000 mg/l	Low Gravity Solids:	0.3	Gels 10s	2
Sample From:	RESERVE	Nitrates:	Hard/Ca:	40mg/l	High Gravity Solids:	0	Gels 10m	2
Time:	18:00	Sulphites:	MBT:	0	Solids (corrected):	0.3	Fann 003	1
Weight:	8.45ppg	API FL:	PM:	0.37	H2O:	100%	Fann 006	2
ECD TD:		API Cake:	PF:	0.37	Oil:	0%	Fann 100	11
ECD Shoe:		PV	MF:	1.42	Sand:	0 %	Fann 200	16
Viscosity	54sec/qt	YP	pH:	10	Barite:	0	Fann 300	20
KCl Equiv:	2%		PHPA Excess:	0.4ppb			Fann 600	29

**Comment:** After cementation, dump all remaining spud mud SFC volume+clean pits. Prepare 615bbbls 1.7% KCl / PHPA / POLYMER fluid. Keep circulating through mud guns, to even out and shear PHPA. This volume is held in reserve, to be used for displacement after drilling out shoe track. Pill tank is only ACTIVE tank (MT at this time), to be used with remaining spud mud to drill out cement and make new hole for LOT.

Carry out laboratory work, to establish Fluoresceine additions required, to give acceptable results.

Shakers, Volumes and Losses Data						
Available	Losses	Equip.	Descr.	Mesh Size	Hours	
695.00bbl	0.00bbl	1	Lin. Motion SHAKER	3 x 84	0	
Active	Downhole	2	Lin. Motion SHAKER	3 x 84	0	
80.00bbl	Shakers & Equip.	3	De-Sander	2 x 8" Cones	0	
Slug	Dumped	4	De-Silter	12 x 4" Cones	0	
615.00bbl	Centrifuges					
	Desander/silter					
Built	615.00bbl					

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Survey								
MD	Incl.	Corr. Az	TVD	'V' Sect	Dogleg	N/S	E/W	Tool Type
(m)	(deg)	(deg)	(m)	(m)	(deg/30m)	(m)	(m)	
131.00	0.25							Single shot
312.00	0.50							Single shot
506.00	1.00							Single shot

Summary	
Company	Pax On
Upstream Petroleum	3
Century Drilling Ltd	24
Schlumberger Oilfield Australia Pty Ltd	2
BHI	2
RMN Drilling Fluids	1
Total on Rig	32

Pumps													
Pump Data - Last 24 Hrs								Slow Pump Data					
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM	SPP (psi)	Flow (gpm)	Depth (m)	Ck. Line (psi)	SPM		SPP (psi)	Flow (gpm)
1	GD PZ-7	5.50	9.00	97		400.00	125.00			1.			
2	GD PZ-7	5.50	9.00	97		400.00	125.00			2.			
3	GD PZ-7	5.51		97						1.			
										2.			

  

Casing Run			
OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
7 5/8"	/	512.42m /	