

CRC-1

Date :	26 Feb 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Agus Nugroho
Report Number	12	Drilling Supervisor :	Kevin Murphy / Brian Assels	Drilling Company :	Century Drilling Ltd
Easting	657913	Northing	5733761	Geologist :	Dave Horner

Well Details

Country:	Australia	Current Hole Size:	6.75in	Casing O.D.:	7.625in	Planned TD:	2250.0m
Field:	Otway (Naylor)	Measured Depth:	1526.0m	Casing MD:	512.0m	Last BOP Test:	19 Feb 2007
Rig:	CDL Rig 11	True Vertical Depth:	1526.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	203.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	11.54	Liner MD:		LTI Free Days:	278
Datum:	GDA 94	Days On Well:	24.54	Liner TVD:			

Current Ops @ 0600: Drill 6-3/4" hole at 1584m.
 Planned Operations: Drill ahead to core point #4 (Belfast Mudstone).

Summary of Period 0000 to 2400 Hrs

Drill 6-3/4" hole f/ 1323m to 1526m.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	26 Feb 2007	0 Days	Personnel blow into alcoholizer
Hazard Observation (1)	26 Feb 2007	0 Days	One Haz-Ob: personnel on mud tanks and shaker area could not hear emergency siren - not closed out.
Muster Drill (1)	26 Feb 2007	0 Days	Fire/stretchers drill held with both crews involved.
Pre-Tour Meetings (2)	26 Feb 2007	0 Days	General housekeeping

Operations For Period 0000 Hrs to 2400 Hrs on 26 Feb 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0500	5.00	1382.0m	Drill 6-3/4" hole f/ 1323m to 1382m.
PH1	P	SVY	0500	0530	0.50	1382.0m	Circ and conduct WLS @ 1370m. 1.75 deg N29E (corr).
PH1	P	DA	0530	0900	3.50	1411.0m	Drill 6-3/4" hole f/ 1382m to 1411m.
PH1	P	RS	0900	0930	0.50	1411.0m	Rig Service.
PH1	P	DA	0930	1600	6.50	1479.0m	Drill 6-3/4" hole f/ 1411m to 1479m.
PH1	P	SVY	1600	1630	0.50	1479.0m	Circ and conduct WLS @ 1467m. 2 deg N48E (corr).
PH1	P	DA	1630	2400	7.50	1526.0m	Drill 6-3/4" hole f/ 1479m to 1526m.

Operations For Period 0000 Hrs to 0600 Hrs on 27 Feb 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0600	6.00	1584.0m	Drill 6-3/4" f/ 1526m to 1584m.

WBM Data							
Daily Chemical Costs: \$ 3715.00				Cost To Date: \$ 30360.00		Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	42.5C°	pH:	11	Low Gravity Solids:	3.20%
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	1.4	High Gravity Solids:	0.00%
Sample From:	Past Shale Shakers	Sulphites:	250mg/l	PF:	1.32	Solids (corrected):	3.20%
		API FL:	7.0cm³/30min	MF:	3.94	H2O:	96.8%
Time:	22:10	API Cake:	1/32nd"	Cl:	12000mg/l	Oil:	0.0%
Weight:	8.90ppg	PV	12cp	Hard/Ca:	160mg/l	Sand:	0.5 %
ECD TD:	9.31ppg	YP	17lb/100ft²	MBT:	2.50	Barite:	0.00lb/bbl
ECD Shoe:		Fluoroscene	4.250ppm	KCl Equiv:	2.4%	CaCO3 Added:	5.4ppb
Viscosity	50sec/qt			PHPA Added:	1.05ppb		
				Fluoresceine:			

Comment: Maintain fluid system along established lines, adding Fluoresceine now through Chemical barrel at Suction Tk. Added 700g last 24 hrs, barely maintained concentration just above 4ppm. Suggest order for another 5kg of Dry powder F/C to be initiated. 2kg left on location. Suspect PHPA might depress F/C readings, but have no way of ascertaining that. Adsorption mechanism of reactive clays (akin to MBT) also a possibility

Shakers, Volumes and Losses Data							
Available	835bbl	Losses	191bbl	Equip.	Descr.	Mesh Size	Hours
Active	590bbl	Downhole	6bbl	1	Lin. Motion SHAKER	1 x 84 & 2 x 50	24
Hole	195bbl	Shakers & Equip.	80bbl	2	Lin. Motion SHAKER	1 x 84 & 2 x 50	24
Slug		Dumped	15bbl	3	De-Sander	2 x 8" Cones	20
Reserve	50bbl	Centrifuges		4	De-Silter	12 x 4" Cones	20
		Desander	65bbl				
		De-Silter	25bbl				
Built	240bbl						

Bit Data								
Bit # 2RR2								
Size ("):	6.750	IADC#		Nozzles	Drilled over last 24 hrs	Calculated over Bit Run		
Mfr:	Stealth Tools	WOB(avg)	5.0klb	5 x 12/(32nd")	Progress	203.0m	Cum. Progress	256.0m
Type:	PDC	RPM(avg)	130		On Bottom Hrs	16.90	Cum. On Btm Hrs	19.70
Serial No.:	6972	RPM (DH)(avg)	120		IADC Drill Hrs	22.50	Cum IADC Drill Hrs	26.50
Bit Model	M565	F.Rate	270.0gpm		Total Revs	113637	Cum Total Revs	132300
Depth In	1270.0m	SPP	900.0psi		OB-ROP(avg)	12.01m/hr	Cum. OB-ROP(avg)	12.99m/hr
Depth Out		TFA	0.552	HSI	HSI			

BHA Data							
BHA # 6							
Weight(Wet)	25.0klb	Length	260.6m	Torque(max)	10000.0ft-lbs	D.C. (1) Ann Velocity	288fpm
Wt Below Jar(Wet)	20.0klb	String	95.0klb	Torque(Off.Btm)	8000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	95.0klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	199fpm
		Slack-Off	94.0klb	Jar Hours	22.5	D.P. Ann Velocity	199fpm
BHA Run Comment	Units for torque not ft-lbs						

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.26m	6.75in		6972	72.5	
Near Bit Stab	1 x 1.51m	6.75in	2.43in	5475-1	87	
Pony DC	1 x 2.90m	4.75in	2.25in	502-A32	87	
String Stabiliser	1 x 1.54m	6.75in	2.06in	5415-2	87	
NMDC	1 x 9.19m	4.75in	2.31in		87	
4.75" DC	1 x 9.49m	4.75in	2.31in		87	
String Stabiliser	1 x 1.54m	6.75in	2.00in	475-3	87	
4.75" DC	15 x 9.43m	4.75in	2.31in		87	
Drilling Jars	1 x 9.37m	4.75in	2.31in	380-47763-03	87	
4 3/4 DC	3 x 9.50m	4.75in	2.31in		87	
3 1/2" HWDP	6 x 9.14m	3.50in	2.12in		119.5	
Total Length:	260.59m					

Survey								
MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1165.00	1.00	127.00	1164.9	-0.15	0.16	0.15	10.39	Hofco single shot
1233.00	1.75	33.00	1232.9	-0.66	0.92	0.66	11.43	Hofco single shot
1370.00	1.75	29.00	1369.8	-4.25	0.03	4.25	13.58	Hofco single shot
1467.00	2.00	48.00	1466.8	-6.67	0.21	6.67	15.56	Hofco single shot

Summary	
Company	Pax On
Upstream Petroleum	4
Century Drilling Ltd	25
BHI	2
Corpro Systems Ltd	1
RMN Drilling Fluids	1
Total on Rig	33

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	1	0	10.0	
AMC Defoamer	25L can	0	0	0	10.0	
AMC PAC-R	25kg sack	0	4	0	53.0	
AMC PHPA	25kg sack	0	8	0	10.0	
AUS-BEN	25kg sack	0	0	0	38.0	
AUS-DEX	25kg sack	0	0	0	0.0	
AUS-GEL	25kg sack	0	0	0	171.0	
Baryte	25kg sack	0	0	0	686.0	
CaCl	25kg sack	0	0	0	2.0	
Calcium Carbonate 40µ	25 kg sacks	0	0	0	971.0	
Caustic Soda	25kg pail	0	0	0	36.0	
Citric Acid	25kg sack	0	0	0	37.0	
Cement - Class A	40kg sack	0	0	0	0.0	
Fluoresceine (5 kg)	1 kg	0	1	0	0.0	
Fluoresceine (1 pint)	1 pint	0	12	0	8.0	
Kwik-seal C	40lb sack	0	0	0	30.0	
Kwik-seal F	40lb sack	0	0	0	32.0	
Kwik-seal M	40lb sack	0	0	0	32.0	
Lime	20kg sack	0	0	0	8.0	
KCl	25kg sack	0	12	0	360.0	
Rod-free 205L	205L drum	0	0	0	1.0	
Rod-free 25L	25L can	0	0	0	0.0	
NaCl	25kg sack	0	0	0	0.0	
SAPP	25kg sack	0	0	0	30.0	
Soda Ash	25kg sack	0	8	0	12.0	
Sodium Sulfite	25kg sack	0	2	0	42.0	
Xanthan Gum	25kg sack	0	4	0	36.0	
Xtra-sweep	12lb box	0	0	0	5.0	
Diesel fuel		0	2200	0	18,800.0	

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	8.90	97				1508.0		1.	70	350.00	
										2.	100	560.00	
2	GD PZ-7	5.50	8.90	97	130	900.00	260.00	1508.0		1.	70	350.00	
										2.	100	460.00	
3	GD PZ-7	5.51		97	0					1.			
										2.			