

CRC-1

Date :	25 Feb 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Agus Nugroho
Report Number	11	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:	1323.0m	Casing MD:	512.0m	Last BOP Test:	19 Feb 2007
Rig:	CDL Rig 11	True Vertical Depth:	1323.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	77.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	10.54	Liner MD:		LTI Free Days:	277
Datum:	GDA 94	Days On Well:	23.54	Liner TVD:			

Current Ops @ 0600: Drill 6-3/4" hole at 1392m.
 Planned Operations: Drill ahead (next Core point ~1900m).

Summary of Period 0000 to 2400 Hrs

Continue coring 1247 - 1270m. Cut 24.0 m of core #2 in Paaratte Formation. POH and recover 8.13m (34%). RIH PDC RR bit and drill 6-3/4" hole 1270m to 1323m.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	25 Feb 2007	0 Days	Personnel blow into alcoholizer
First Aid Case (1)	25 Feb 2007	0 Days	Employee tripped in dark after power outage at rig. First aid only.
Hazard Observation (2)	25 Feb 2007	0 Days	Two Haz-Obs to be closed out: 1) forklift park brake actuator - temprary fix done, parts on order, 2) no emergency lighting on drillers console - parts ordered
Hazard Observation (2)	25 Feb 2007	0 Days	Two Haz-Obs to be closed out: 1) trip tank fill line too high on bell nipple, 2) short exhaust stacks causing fume exposure to people walking on passageway
Hazard Observation (4)	25 Feb 2007	0 Days	Four Haz-Obs noted and actioned - closed out.
Permit To Work (1)	25 Feb 2007	0 Days	Cut core using electrical saw.
Pre-Tour Meetings (2)	25 Feb 2007	0 Days	Running coring tools & Racking back DC's
Rig Inspection (2)	25 Feb 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack, c/manifold.

Operations For Period 0000 Hrs to 2400 Hrs on 25 Feb 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	COR	0000	0800	8.00	1270.0m	Con't cut core #2 f/ 1247m to 1270m.
PH1	P	PS	0800	0900	1.00	1270.0m	Rack kelly, LO 1 jt DP & pup jt. POOH 3-1/2" DP to 1141m (5 stds). PU kelly, pump slug, rack kelly.
PH1	P	TO	0900	1230	3.50	1270.0m	POOH with coring assembly.
PH1	P	COR	1230	1430	2.00	1270.0m	Break out core barrel and recover core. Cut 24m, recovered 8.13m (34%).
PH1	P	HBHA	1430	1500	0.50	1270.0m	Clean work floor, MU PDC drill bit and BHA.
PH1	P	TI	1500	1930	4.50	1270.0m	RIH to 1253m.
PH1	P	COR	1930	2000	0.50	1270.0m	PU & MU kelly. Wash to bottom, Tag at 1270m.
PH1	P	DA	2000	2400	4.00	1323.0m	Drill 6-3/4" hole f/ 1270m to 1323m.

Operations For Period 0000 Hrs to 0600 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	0600	0.50	1392.0m	Drill 6-3/4" hole f/ 1382m to 1392m.

WBM Data									
Daily Chemical Costs: \$ 2569.00				Cost To Date: \$ 26645.00				Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	34.7C°	pH:	10.8	Low Gravity Solids:	3.60%	Gels 10s	2
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	1.2	High Gravity Solids:	0.00%	Gels 10m	2
Sample From:	Past Shale Shakers	Sulphites:	250mg/l	PF:	1	Solids (corrected):	3.60%	Fann 003	2
		API FL:	7.5cm³/30min	MF:	3.4	H2O:	96.4%	Fann 006	3
Time:	22:50	API Cake:	1/32nd"	Cl:	13000mg/l	Oil:	0.0%	Fann 100	14
Weight:	8.95ppg	PV	12cp	Hard/Ca:	320mg/l	Sand:	1.0 %	Fann 200	20
ECD TD:	9.25ppg	YP	15lb/100ft²	MBT:	3.00	Barite:	0.00lb/bbl	Fann 300	24
ECD Shoe:		Fluoroscene	6.375ppm	KCl Equiv:	2.5%	CaCO3 Added:	7.3ppb	Fann 600	36
Viscosity	52sec/qt			PHPA Added:	0.67ppb				
				Fluoresceine:					

Comment: Continue to increase Fluoresceine concentration, with the aim to reach 10ppm. Resume running Hydrocyclone solids control equipment, when back on bottom w/- drill bit. Pump pressure higher than expected and calculated; have to assume some plugged jets.

Shakers, Volumes and Losses Data							
Available	787bbl	Losses	40bbl	Equip.	Descr.	Mesh Size	Hours
Active	569bbl	Downhole	3bbl	1	Lin. Motion SHAKER	3 x 50	16
Hole	169bbl	Shakers & Equip.	5bbl	2	Lin. Motion SHAKER	3 x 50	16
				3	De-Sander	2 x 8" Cones	4
Slug		Dumped	15bbl	4	De-Silter	12 x 4" Cones	4
Reserve	49bbl	Centrifuges					
		Desander	11bbl				
		De-Silter	6bbl				
Built	80bbl						

Comment: Continue to increase Fluoresceine concentration, with the aim to reach 10ppm. Resume running Hydrocyclone solids control equipment, when back on bottom w/- drill bit.

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	53.0m	Cum. Progress	53.0m
Type:	PDC	RPM(avg)	120			On Bottom Hrs	2.80	Cum. On Btm Hrs	2.80
Serial No.:	6972	RPM (DH)(avg)	120			IADC Drill Hrs	4.00	Cum IADC Drill Hrs	4.00
Bit Model	M565	F.Rate	250.0gpm			Total Revs	18663	Cum Total Revs	18663
Depth In	1270.0m	SPP	1000.0psi			OB-ROP(avg)	18.93m/hr	Cum. OB-ROP(avg)	18.93m/hr
Depth Out		TFA	0.552	HSI	HSI				

Bit Data											
Bit # 3RR2											
		Wear	I	O1	D	L	B	G	O2	R	
			1	2	NO	A	X	I	NO	BLANK	
Size ("):	6.750	IADC#	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run				
Mfr:	Corpro Systems Ltd	WOB(avg)	5000.0klb		Progress	24.0m	Cum. Progress	25.0m			
Type:	Core	RPM(avg)	80		On Bottom Hrs	8.50	Cum. On Btm Hrs	9.70			
Serial No.:	083719	RPM (DH)(avg)			IADC Drill Hrs	8.00	Cum IADC Drill Hrs	10.00			
Bit Model	MCP662	F.Rate	120.0gpm		Total Revs	5526	Cum Total Revs	11052			
Depth In	1246.0m	SPP	600.0psi		OB-ROP(avg)	2.82m/hr	Cum. OB-ROP(avg)	2.58m/hr			
Depth Out	1270.0m	TFA	0	HSI	HSI						
Bit Run Comment		Full core barrel cut (24.0 m). Recovered 8.13m (34%).									

BHA Data

BHA # 5

Weight(Wet)	25.0klb	Length	283.0m	Torque(max)	3000.0ft-lbs	D.C. (1) Ann Velocity	128fpm
Wt Below Jar(Wet)	20.0klb	String	85.0klb	Torque(Off.Btm)	2000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	87.0klb	Torque(On.Btm)	3000.0ft-lbs	H.W.D.P. Ann Velocity	88fpm
		Slack-Off	85.0klb	Jar Hours	60.5	D.P. Ann Velocity	88fpm

BHA Run Comment Core #2 in Paaratte Formation

Equipment	Length	OD	ID	Serial #	Hours	Comment
Core Bit	1 x 0.26m	6.75in	2.75in	083719	13	6-3/4 stabs at btm, mid 6m, mid 13m, mid 20m , top 27m
Core Barrel	1 x 27.06m	4.75in	2.75in		13	
Pony DC	1 x 2.90m	4.75in	2.25in	502-A32	60.5	
NMDC	1 x 9.19m	4.75in	2.31in	471-1	60.5	
4.75" DC	16 x 9.43m	4.75in	2.31in		60.5	
Drilling Jars	1 x 9.37m	4.75in	2.31in	380-4773-03	60.5	
4.75" DC	3 x 9.50m	4.75in	2.31in		60.5	
3 1/2" HWDP	6 x 9.14m	3.50in	2.12in		93	
Total Length:	283.00m					

BHA Data

BHA # 6

Weight(Wet)	25.0klb	Length	260.6m	Torque(max)	10000.0ft-lbs	D.C. (1) Ann Velocity	266fpm
Wt Below Jar(Wet)	20.0klb	String	89.0klb	Torque(Off.Btm)	5000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	89.0klb	Torque(On.Btm)		H.W.D.P. Ann Velocity	184fpm
		Slack-Off	88.0klb	Jar Hours	64.5	D.P. Ann Velocity	184fpm

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.26m	6.75in		6972	50	
Near Bit Stab	1 x 1.51m	6.75in	2.43in	5475-1	64.5	
Pony DC	1 x 2.90m	4.75in	2.25in	502-A32	64.5	
String Stabiliser	1 x 1.54m	6.75in	2.06in	5415-2	64.5	
NMDC	1 x 9.19m	4.75in	2.31in		64.5	
4.75" DC	1 x 9.49m	4.75in	2.31in		64.5	
String Stabiliser	1 x 1.54m	6.75in	2.00in	475-3	64.5	
4.75" DC	15 x 9.43m	4.75in	2.31in		64.5	
Drilling Jars	1 x 9.37m	4.75in	2.31in	380-47763-03	64.5	
4 3/4 DC	3 x 9.50m	4.75in	2.31in		64.5	
3 1/2" HWDP	6 x 9.14m	3.50in	2.12in		97	
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
908.00	1.00	42.00	908.0	0.17	0.09	-0.17	7.10	Hofco single shot
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

Summary

Company	Pax On
Upstream Petroleum	4
Century Drilling Ltd	26
BHI	2
Corpro Systems Ltd	1
RMN Drilling Fluids	1
Total on Rig	34

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	0	0	11.0	
AMC Defoamer	25L can	0	2	0	10.0	
AMC PAC-R	25kg sack	0	1	0	57.0	
AMC PHPA	25kg sack	0	3	0	18.0	
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	30	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	1	0	0	1.0	
Fluoresceine (1 pint)	1 pint	20	0	0	20.0	
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	2	0	8.0	
KCl	25kg sack	0	0	0	372.0	
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	6	0	20.0	
Sodium Sulfite	25kg sack	0	4	0	44.0	
Xanthan Gum	25kg sack	0	3	0	40.0	
Xtra-sweep	12lb box	0	0	0	5.0	
Diesel fuel		0	1300	0	21,000.0	

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	120	1000.00	250.00	1303.0		1.	70	400.00	
										2.	100	620.00	
2	GD PZ-7	5.50	8.90	97	0			1303.0		1.	70	400.00	
										2.	100	640.00	
3	GD PZ-7	5.51		97	0					1.			
										2.			