

CRC-1

Date :	09 Mar 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Cesar Miaco
Report Number	23	Drilling Supervisor :	Kevin Murphy / Roy Dunne	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:	2249.0m	Casing MD:	512.0m	Last BOP Test:	19 Feb 2007
Rig:	CDL Rig 11	True Vertical Depth:	2249.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	0.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	22.54	Liner MD:		LTI Free Days:	289
Datum:	GDA 94	Days On Well:	35.54	Liner TVD:			

Current Ops @ 0600: Continue logging Run #2 FMI-MCIP.

Planned Operations: Continue logging program.

Summary of Period 0000 to 2400 Hrs

Circulated hole clean, took wireline survey, POOH. Rig up Schlumberger logging tools.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	09 Mar 2007	0 Days	Personnel blow into alcoholizer
Hazard Observation (0)	08 Mar 2007	1 Day	
Inspection (2)	09 Mar 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack and Koomey pressures.
Pre-Tour Meetings (2)	09 Mar 2007	0 Days	Poooh and racking D/P on rig floor. Drifting 4-1/2" Csg and moving around on pipe racks.

Operations For Period 0000 Hrs to 2400 Hrs on 09 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	CMD	0000	0030	0.50	2249.0m	Circ & clean hole
PH1	P	SVY	0030	0100	0.50	2249.0m	Run wireline survey @ 2236m. 1.0deg @ S75W (uncorrected) / 266deg (corrected)
PH1	P	TO	0100	0630	5.50	2249.0m	Pooh 15 stand wiper trip, tight 2170m, 2150m, 2137m, 2165m, 2071m. P/U kelly, rotate and work new drill section, L/O kelly, pull to 2049m to 1965m.
PH1	P	TI	0630	0730	1.00	2249.0m	RIH, tight from 2071m to 2236m, P/U kelly and wash down to 2249m. L/O kelly.
PH1	P	PS	0730	1000	2.50	2249.0m	Pump hi vis pill around and circulate clean. Spot hi vis pill from 2248m to 1970m. POOH to 1900m. Pump hi vis weighted slug.
PH1	P	TO	1000	1630	6.50	2249.0m	POOH 1900m to surface. L/O drilling assembly & core barrel.
E1	P	LOG	1630	1800	1.50	2249.0m	Hold safety meeting with Schlumberger and day crew. R/U logging tools.
E1	P	LOG	1800	2230	4.50	2249.0m	Run #1, RIH with PEX-HALS logging tool and tag 10m higher than driller's depth @ 2239m. Log well in Hi resolution mode.
E1	P	LOG	2230	2400	1.50	2249.0m	L/O run #1 logging tools, M/U tools for run #2 FMI-MCIP.

Operations For Period 0000 Hrs to 0600 Hrs on 10 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
E1	P	LOG	0000	0600	6.00	2249.0m	Continue Logging Run # 2 FMI-MCIP

WBM Data									
Daily Chemical Costs: \$ 1077.00				Cost To Date: \$ 58647.00				Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	44.0C°	pH:	9.8	Low Gravity Solids:	6.70%	Gels 10s	3
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	0.42	High Gravity Solids:	0.00%	Gels 10m	5
Sample From:	Past Shale Shakers	Sulphites:	200mg/l	PF:	0.4	Solids (corrected):	6.70%	Fann 003	3
Time:	09:30	API FL:	6.0cm³/30min	MF:	3.42	H2O:	93.3%	Fann 006	4
Weight:	9.50ppg	API Cake:	1/32nd"	Cl:	31800mg/l	Oil:	0.0%	Fann 100	20
ECD TD:	9.95ppg	PV	16cp	Hard/Ca:	40mg/l	Sand:	0.9 %	Fann 200	29
ECD Shoe:		YP	19lb/100ft²	MBT:	7.00	Barite:	0.00lb/bbl	Fann 300	35
Viscosity	54sec/qt			KCl Equiv:	5.5%	CaCO3 Added:	24.4ppb	Fann 600	51
				PHPA Added:	1.36ppb				
				Fluoresceine:	4.675ppm				

Comment: Prepare pills as required.
Located an extra 3 cans of defoamer & restocked (neg. usage entry).

Shakers, Volumes and Losses Data							
Available	801bbl	Losses	79bbl	Equip.	Descr.	Mesh Size	Hours
Active	437bbl	Downhole	32bbl	1	Lin. Motion SHAKER	1 x 84 & 2 x 50	12
Hole	332bbl	Shakers & Equip.	18bbl	2	Lin. Motion SHAKER	1 x 84 & 2 x 50	12
Slug		Dumped	25bbl	3	De-Sander	2 x 8" Cones	12
Reserve	32bbl	Centrifuges		4	De-Silter	12 x 4" Cones	0
		Desander	4bbl				
		De-Silter	0bbl				
Built	0bbl						

Comment: Hole taking 7bbbls fluid over 6 hours, while logging.

Bit Data												
Bit # 4RR1				Wear	I	O1	D	L	B	G	O2	R
				1	1	NO	A	X	I	NO	TD	
Size ("):	6.750	IADC#		Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Stealth Tools	WOB(avg)	10.0klb	4 x 12/(32nd")		Progress	0.0m	Cum. Progress		173.5m		
Type:	PDC	RPM(avg)	110			On Bottom Hrs	0.00	Cum. On Btm Hrs		10.00		
Serial No.:	6904	RPM (DH)(avg)	110			IADC Drill Hrs	0.00	Cum IADC Drill Hrs		14.00		
Bit Model	M46H4	F.Rate	250.0gpm			Total Revs	63500	Cum Total Revs		127000		
Depth In	2075.5m	SPP	1300.0psi			OB-ROP(avg)		Cum. OB-ROP(avg)		17.35m/hr		
Depth Out	2249.0m	TFA	0.442	HSI	HSI							
Bit Run Comment	TD POOH TO Log											

BHA Data								
BHA # 12								
Weight(Wet)	25.0klb	Length	260.5m	Torque(max)	15000.0ft-lbs	D.C. (1) Ann Velocity		266fpm
Wt Below Jar(Wet)	20.0klb	String	120.0klb	Torque(Off.Btm)	4000.0ft-lbs	D.C. (2) Ann Velocity		0fpm
		Pick-Up	121.0klb	Torque(On.Btm)	10000.0ft-lbs	H.W.D.P. Ann Velocity		184fpm
		Slack-Off	116.0klb	Jar Hours	209.5	D.P. Ann Velocity		184fpm
BHA Run Comment	Units for torque not ft-lbs							

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.18m	6.75in		6904	24.5	Tasman
Near Bit Stab	1 x 1.51m	6.75in	2.43in	5475-1	161.5	
Pony DC	1 x 2.90m	4.75in	2.25in	502-A32	161.5	
String Stabiliser	1 x 1.54m	6.75in	2.06in	5415-2	161.5	
NMDC	1 x 9.19m	4.75in	2.31in		161.5	
4.75" DC	1 x 9.49m	4.75in	2.31in		209.5	
String Stabiliser	1 x 1.54m	6.75in	2.00in	475-3	161.5	
4.75" DC	15 x 9.43m	4.75in	2.31in		209.5	
Drilling Jars	1 x 9.37m	4.75in	2.31in	380-47763-03	209.5	
4 3/4 DC	3 x 9.50m	4.75in	2.31in		209.5	
3 1/2" HWDP	6 x 9.14m	3.50in	2.12in		241.5	
Total Length:	260.51m					

Survey								
MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1808.00	2.00	139.00	1807.6	25.98	0.04	-25.98	17.38	Hofco single shot
1896.00	2.00	137.00	1895.5	28.27	0.02	-28.27	19.44	Hofco single shot
2022.00	0.75	86.00	2021.5	29.82	0.39	-29.82	21.76	Hofco single shot
2236.00	1.00	266.00	2235.5	29.85	0.24	-29.85	21.29	Hofco single shot

Summary	
Company	Pax On
Upstream Petroleum	4
Century Drilling Ltd	22
BHI	2
Schlumberger Oilfield Australia	7
RMN Drilling Fluids	1
Total on Rig	36

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	0	0	5.0	
AMC Defoamer	25L can	0	-3	0	14.0	
AMC PAC-R	25kg sack	0	0	0	66.0	
AMC PHPA	25kg sack	0	0	0	42.0	
AUS-BEN	25kg sack	0	0	0	34.0	
AUS-DEX	25kg sack	0	0	0	0.0	
AUS-GEL	25kg sack	0	0	0	168.0	
Baryte	25kg sack	0	0	0	686.0	
CaCl	25kg sack	0	0	0	2.0	
Calcium Carbonate 40µ	25 kg sacks	0	24	0	831.0	
Caustic Soda	25kg pail	0	0	0	32.0	
Citric Acid	25kg sack	0	0	0	34.0	
Cement - Class A	40kg sack	0	0	0	0.0	
Fluoresceine (5 kg)	5 kg	0	0	0	2.0	
Fluoresceine (1 pint)	1 pint	0	0	0	0.0	
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	0	0	378.0	
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	0	0	44.0	
Sodium Sulfite	25kg sack	0	1	0	34.0	
Xanthan Gum	25kg sack	0	3	0	21.0	
Xtra-sweep	12lb box	0	1	0	4.0	
Diesel fuel		0	2100	0	13,800.0	

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	9.40	97	120	1300.00	250.00	2083.0		1.	70	500.00	
										2.	100	740.00	
2	GD PZ-7	5.50	9.50	97						1.			
										2.			
3	GD PZ-7	5.51	9.50	97				2083.0		1.	70	500.00	
										2.	100	700.00	