

CRC-1

Date :	05 Mar 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Agus Nugroho
Report Number	19	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:	2038.0m	Casing MD:	512.0m	Last BOP Test:	19 Feb 2007
Rig:	CDL Rig 11	True Vertical Depth:	2038.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	5.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	18.54	Liner MD:		LTI Free Days:	285
Datum:	GDA 94	Days On Well:	31.54	Liner TVD:			

Current Ops @ 0600: Con't cut core #5 in Flaxman's Formation at 2042 m (9 m cut).
 Planned Operations: Make`connection. Continue cut core #5, POH and recover core. RIH with coring assembly for core #6.

Summary of Period 0000 to 2400 Hrs

Rig repair, rig service, Slip drilling line, Con't RIH with coring assembly. Ream f/ 1966m to bottom. Cut core #5.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	05 Mar 2007	0 Days	Personnel blow into alcoholizer
Hazard Observation (1)	05 Mar 2007	0 Days	Housekeeping issue - 3-1/2" protector loose on floor and about to fall from rig floor - corrected immed.
Hazard Observation (1)	05 Mar 2007	0 Days	Tong post not pinned under rig floor - corrected immed.
Inspection (2)	05 Mar 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack and Koomey pressures.
Permit To Work (2)	05 Mar 2007	0 Days	Deisel gurni within 45 m of well.
Pre-Tour Meetings (2)	05 Mar 2007	0 Days	Rig service & housekeeping

Operations For Period 0000 Hrs to 2400 Hrs on 05 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	TP (RE)	RR	0000	0030	0.50	2033.0m	Rig Repair Crown-o-matic
PH1	P	RS	0030	0100	0.50	2033.0m	Rig Service
PH1	P	SC	0100	0130	0.50	2033.0m	Slip 30' Drill Line
PH1	P	TI	0130	0530	4.00	2033.0m	RIH F/- 508m To 1966m. Pick up kelly to break circ @ 1000m, 1500m & 1700m. Extra circ due to flowback from uneven mud.
PH1	P	RW	0530	1030	5.00	2033.0m	Work tight hole F/- 1966m to 1976m Pick up kelly wash and ream to 2033m.
PH1	P	CMD	1030	1200	1.50	2033.0m	Circ hole clean.Space out kelly.
PH1	P	COR	1200	2400	12.00	2038.0m	Cut core # 5 F/- 2033 To 2038m (at 23:00, conduct flow check after reported pit gain - well dead, con't coring).

Operations For Period 0000 Hrs to 0600 Hrs on 06 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	COR	0000	0600	6.00	2042.0m	Cut Core # 5 F/- 2038m To 2042m

WBM Data									
Daily Chemical Costs: \$ 3172.00				Cost To Date: \$ 51003.00				Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	40.5C°	pH:	9.8	Low Gravity Solids:	6.50%	Gels 10s	2
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	0.52	High Gravity Solids:	0.00%	Gels 10m	3
Sample From:	Past Shale Shakers	Sulphites:	180mg/l	PF:	0.65	Solids (corrected):	6.50%	Fann 003	2
Time:	22:15	API FL:	5.8cm³/30min	MF:	3.52	H2O:	93.5%	Fann 006	3
Weight:	9.45ppg	API Cake:	1/32nd"	Cl:	30500mg/l	Oil:	0.0%	Fann 100	16
ECD TD:	9.74ppg	PV	13cp	Hard/Ca:	50mg/l	Sand:	0.6 %	Fann 200	23
ECD Shoe:		YP	16lb/100ft²	MBT:	5.00	Barite:	0.00lb/bbl	Fann 300	29
Viscosity	48sec/qt	Fluoroscene	5.150ppm	KCl Equiv:	5.1%	CaCO3 Added:	21.7ppb	Fann 600	42
				PHPA Added:	1.19ppb				
				Fluoresceine:	5.005ppm				

Comment: Continue treatment of fluid system to bring properties back to specifications.

Record an unexplained 5bbl gain (both visually and electronically), but no further occurrence.

Shakers, Volumes and Losses Data							
Available	908bbl	Losses	45bbl	Equip.	Descr.	Mesh Size	Hours
Active	638bbl	Downhole	26bbl	1	Lin. Motion SHAKER	1 x 84 & 2 x 50	24
Hole	262bbl	Shakers & Equip.	0bbl	2	Lin. Motion SHAKER	1 x 84 & 2 x 50	24
Slug		Dumped	15bbl	3	De-Sander	2 x 8" Cones	11
Reserve	8bbl	Centrifuges		4	De-Silter	12 x 4" Cones	3
		Desander	2bbl				
		De-Silter	2bbl				
Built	95bbl						

Comment: Record an unexplained 5bbl gain (both visually and electronically), but no further occurrence.

Bit Data								
Bit # 3RR4								
Size ("):	6.750	IADC#		Nozzles	Drilled over last 24 hrs	Calculated over Bit Run		
Mfr:	Corpro Systems Ltd	WOB(avg)	15.0klb		Progress	5.0m	Cum. Progress	5.0m
Type:	Core	RPM(avg)	80		On Bottom Hrs	11.50	Cum. On Btm Hrs	11.50
Serial No.:	083719	RPM (DH)(avg)	80		IADC Drill Hrs	12.00	Cum IADC Drill Hrs	12.00
Bit Model	MCP662	F.Rate	150.0gpm		Total Revs		Cum Total Revs	0
Depth In	2033.0m	SPP	1000.0psi		OB-ROP(avg)	0.43m/hr	Cum. OB-ROP(avg)	0.43m/hr
Depth Out		TFA	0	HSI	HSI			
Bit Run Comment	Cut core #5 in Flaxman's Formation							

BHA Data							
BHA # 10							
Weight(Wet)	20.0klb	Length	272.7m	Torque(max)	7000.0ft-lbs	D.C. (1) Ann Velocity	160fpm
Wt Below Jar(Wet)	25.0klb	String	110.0klb	Torque(Off.Btm)	1000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	111.0klb	Torque(On.Btm)	5000.0ft-lbs	H.W.D.P. Ann Velocity	110fpm
		Slack-Off	108.0klb	Jar Hours	187.5	D.P. Ann Velocity	110fpm
BHA Run Comment	Core #5 in Flaxman's Formation						

Equipment	Length	OD	ID	Serial #	Hours	Comment
Core Bit	1 x 0.26m	6.75in	2.56in	083719	24.5	4 x 6.75" fixed stabilizers
Core Barrel	1 x 19.63m	6.75in			24.5	
NMDC	1 x 9.19m	4.75in	2.31in		187.5	
4.75" DC	16 x 9.43m	4.75in	2.88in		187.5	
Drilling Jars	1 x 9.37m	4.75in	2.88in	380-47763-03	187.5	
4.75" DC	3 x 9.50m	4.75in	2.88in		187.5	
3 1/2" HWDP	6 x 9.14m	3.50in	2.31in		204.5	
Total Length:	272.67m					

Survey								
MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1691.00	2.00	135.00	1690.7	23.00	0.18	-23.00	14.60	Hofco single shot
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

Summary	
Company	Pax On
Upstream Petroleum	4
Century Drilling Ltd	28
BHI	2
Corpro Systems Ltd	2
RMN Drilling Fluids	1
Total on Rig	
	37

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	1	0	7.0
AMC Defoamer	25L can	0	0	0	13.0
AMC PAC-R	25kg sack	0	2	0	69.0
AMC PHPA	25kg sack	0	6	0	50.0
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	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	0	0	495.0
Caustic Soda	25kg pail	0	1	0	35.0
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	126.0
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	4	0	44.0
Sodium Sulfite	25kg sack	0	0	0	37.0
Xanthan Gum	25kg sack	0	5	0	26.0
Xtra-sweep	12lb box	0	0	0	5.0
Diesel fuel		0	2200	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	9.40	97	70	1000.00	150.00	1918.0		1. 70	460.00		
2	GD PZ-7	5.50	9.50	97						2. 100	820.00		
3	GD PZ-7	5.51	9.50	97				1918.0		1. 70	460.00		
										2. 100	820.00		