

CRC-1

Date :	06 Mar 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Agus Nugroho
Report Number	20	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:	2051.0m	Casing MD:	512.0m	Last BOP Test:	19 Feb 2007
Rig:	CDL Rig 11	True Vertical Depth:	2051.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	13.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	19.54	Liner MD:		LTI Free Days:	286
Datum:	GDA 94	Days On Well:	32.54	Liner TVD:			

Current Ops @ 0600: RIH with core assembly to cut core #6
 Planned Operations: Cut Core #6. POOH and recover core.

Summary of Period 0000 to 2400 Hrs

Cut 18m core #5 in Flaxman's Formation/Upper Waarre C f/ 2033m to 2051m. POOH with coring assembly.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	06 Mar 2007	0 Days	Personnel blow into alcoholizer
Hazard Observation (1)	06 Mar 2007	0 Days	Swaco choke requires permanent all weather labels for controls to replace texta writing - ordered.
Inspection (2)	06 Mar 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack and Koomey pressures.
Permit To Work (1)	06 Mar 2007	0 Days	Cut core using electrical saw.
Permit To Work (1)	06 Mar 2007	0 Days	Pump out core using pressure pump.
Pre-Tour Meetings (2)	06 Mar 2007	0 Days	Running coring tools, Correct use of non-powered tools.

Operations For Period 0000 Hrs to 2400 Hrs on 06 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	COR	0000	0630	6.50	2042.5m	Cut Core # 5 F/- 2038m To 2042.5m. (KD).
PH1	TP (OTH)	RW	0630	1000	3.50	2042.5m	During connection, unable to go back to bottom. Pull back, LO single of DP. PU 2 x DP pup jts. Work back to bottom.
PH1	P	COR	1000	1800	8.00	2051.0m	Con't cut core #5 f/ 2042.5m to 2051m.
PH1	P	TO	1800	2200	4.00	2051.0m	Flow check, pump slug, rack kelly and POOH f/ 2051m to 422m.
PH1	P	RS	2200	2230	0.50	2051.0m	Rig service.
PH1	P	TO	2230	2400	1.50	2051.0m	Con't POH f/ 422m. Flow check at shoe and BHA.

Operations For Period 0000 Hrs to 0600 Hrs on 07 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	TO	0000	0030	0.50	2051.0m	Con't POOH with core #5.
PH1	P	COR	0030	0130	1.00	2051.0m	BO & LO core barrel. Recover 6.59m core from 2044.41m - 2051m. (37%).
PH1	P	WO	0130	0200	0.50	2051.0m	Clean and clear work floor while WOO.
PH1	P	HBHA	0200	0330	1.50	2051.0m	MU & core bit and core barrel assy #11 (25.99m LOA).
PH1	P	TI	0330	0600	2.50	2051.0m	RIH core barrel to 1000m.

WBM Data									
Daily Chemical Costs: \$ 1753.00				Cost To Date: \$ 52756.00				Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	42.1C°	pH:	9.5	Low Gravity Solids:	6.40%	Gels 10s	3
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	0.35	High Gravity Solids:	0.00%	Gels 10m	4
Sample From:	Past Shale Shakers	Sulphites:	250mg/l	PF:	0.45	Solids (corrected):	6.40%	Fann 003	3
		API FL:	5.7cm³/30min	MF:	3.6	H2O:	93.6%	Fann 006	5
Time:	18:15	API Cake:	1/32nd"	Cl:	29500mg/l	Oil:	0.0%	Fann 100	21
Weight:	9.45ppg	PV	15cp	Hard/Ca:	60mg/l	Sand:	0.5 %	Fann 200	29
ECD TD:	9.81ppg	YP	20lb/100ft²	MBT:	7.00	Barite:	0.00lb/bbl	Fann 300	35
ECD Shoe:				KCl Equiv:	5.2%	CaCO3 Added:	20.7ppb	Fann 600	50
Viscosity	56sec/qt			PHPA Added:	1.51ppb				
				Fluoresceine:	5.100ppm				

Comment: Maintaining fluid system after regaining all specified properties.

Taking delivery of contingency fluid chemicals (KCl+CaCO3 and LIQUI-SPERSE, being a Polymer De-flocculant/Thinner).
 Also received: 50x50lb MIL-GEL, Wyoming Bentonite for next CMT job.
 Flouresceine Addition: 150g;
 Estimated dry powder F/C remaining: 1200g, plus 2x5kg-unopened tubs).
 Liquid product(1 US pt bottles) used up.

Shakers, Volumes and Losses Data							
Available	861bbl	Losses	87bbl	Equip.	Descr.	Mesh Size	Hours
Active	539bbl	Downhole	38bbl	1	Lin. Motion SHAKER	1 x 84 & 2 x 50	18
Hole	303bbl	Shakers & Equip.	10bbl	2	Lin. Motion SHAKER	1 x 84 & 2 x 50	18
				3	De-Sander	2 x 8" Cones	8
Slug		Dumped	20bbl	4	De-Silter	12 x 4" Cones	6
				Reserve	19bbl	Centrifuges	
		Desander	9bbl				
		De-Silter	10bbl				
Built	40bbl						

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	13.0m
Type:	Core	RPM(avg)	80			On Bottom Hrs	12.50
Serial No.:	083719	RPM (DH)(avg)	80			IADC Drill Hrs	14.50
Bit Model	MCP662	F.Rate	150.0gpm			Total Revs	65800
Depth In	2033.0m	SPP	1000.0psi			OB-ROP(avg)	1.04m/hr
Depth Out		TFA	0	HSI	HSI	Cum. OB-ROP(avg)	0.75m/hr
Bit Run Comment	Cut core #5 in Flaxman's Formation/Upper Warre C						

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	117.0klb	Torque(Off.Btm)	1000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	120.0klb	Torque(On.Btm)	5000.0ft-lbs	H.W.D.P. Ann Velocity	110fpm
		Slack-Off	117.0klb	Jar Hours	14.5	D.P. Ann Velocity	110fpm
BHA Run Comment	Core #5 in Flaxman's Formation/Upper Waare C						

Equipment	Length	OD	ID	Serial #	Hours	Comment
Core Bit	1 x 0.26m	6.75in	2.56in	083719	29	4 x 6.75" fixed stabilizers
Core Barrel	1 x 19.63m	6.75in			29	
NMDC	1 x 9.19m	4.75in	2.31in		202	
4.75" DC	16 x 9.43m	4.75in	2.88in		202	
Drilling Jars	1 x 9.37m	4.75in	2.88in	380-47763-03	202	
4.75" DC	3 x 9.50m	4.75in	2.88in		202	
3 1/2" HWDP	6 x 9.14m	3.50in	2.31in		220	
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	25
BHI	2
Corpro Systems Ltd	2
RMN Drilling Fluids	1
Total on Rig	34

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	0	0	7.0
AMC Defoamer	25L can	0	1	0	12.0
AMC PAC-R	25kg sack	0	0	0	69.0
AMC PHPA	25kg sack	0	6	0	44.0
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	432	24	0	903.0
Caustic Soda	25kg pail	0	0	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	378	12	0	492.0
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	0	0	37.0
Xanthan Gum	25kg sack	0	1	0	25.0
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	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		