

CRC-1

Date :	12 Mar 2007	Well Site Manager :	Kevin Murphy	Rig Manager :	Cesar Miaco
Report Number	26	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:	25.54	Liner MD:		LTI Free Days:	292
Datum:	GDA 94	Days On Well:	38.54	Liner TVD:			

Current Ops @ 0600: Run wiper trip and clean out hole.
 Planned Operations: Make a wiper trip to bottom. Circulate and clean hole out. POOH and L/O sideways. Remove wear bushing, change pipe rams.

Summary of Period 0000 to 2400 Hrs

MU tools for MDT (mini-frac), tool failure. MU tools and log CMR-ECS. MU & RIH with MDT (mini-frac) tool. Tool failure. R/D Schlumberger logging tools, MU BHA and run wiper trip to bottom. Circulate hole clean.

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	12 Mar 2007	0 Days	Personnel blow into alcoholizer
Hazard Observation (0)	11 Mar 2007	1 Day	
Inspection (2)	12 Mar 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack and Koomey pressures.
Pre-Tour Meetings (2)	12 Mar 2007	0 Days	Review HSE doc on recent fork lift accident. Reiterate to report all accidents & incidents. Talk on recent number of hand injuries in the industry. Use PPE and plan operations to prevent injuries.

Operations For Period 0000 Hrs to 2400 Hrs on 12 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
E1	TP (LTF)	LOG	0000	0200	2.00	2249.0m	Continue rigging down MDT (mini-frac) tool string.
E1	P	LOG	0200	0230	0.50	2249.0m	PU CMR-ECS tool string.
E1	P	LOG	0230	0245	0.25	2249.0m	Power up / check tool string on rig floor.
E1	P	LOG	0245	0445	2.00	2249.0m	RIH with log #5 CMR-ECS tool string. Tune tools.
E1	P	LOG	0445	1330	8.75	2249.0m	Commence log #5 CMR-ECS.
E1	P	LOG	1330	1400	0.50	2249.0m	Tool stuck @ 2043m. Pulled free by adding weight to string and taking string out of tension.
E1	P	LOG	1400	1715	3.25	2249.0m	Complete CMR-ECS log. POOH.
E1	P	LOG	1715	1830	1.25	2249.0m	MU MDT (mini-frac) tools and check operation.
E1	P	LOG	1830	2245	4.25	2249.0m	RIH with log #6 MDT (mini-frac) string. Packers failed to inflate properly. POOH.
E1	P	LOG	2245	2330	0.75	2249.0m	R/D MDT (mini-frac) string and logging tools.
PC	P	WT	2330	2400	0.50	2249.0m	MU BHA for wiper trip.

Operations For Period 0000 Hrs to 0600 Hrs on 13 Mar 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PC	P	WT	0000	0115	1.25	2249.0m	Continue to MU wiper trip BHA.
PC	P	WT	0115	0600	4.75	2249.0m	RIH with drillstring, make wiper trip and clean out hole.

WBM Data									
Daily Chemical Costs: \$ 570.00					Cost To Date: \$ 59217.00			Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	25.3C°	pH:	9.5	Low Gravity Solids:	7.50%	Gels 10s	3
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	0.33	High Gravity Solids:	0.00%	Gels 10m	4
Sample From:	Past Shale Shakers	Sulphites:	100mg/l	PF:	0.4	Solids (corrected):	7.50%	Fann 003	3
Time:	21:45	API FL:	5.6cm³/30min	MF:	3.5	H2O:	92.5%	Fann 006	4
Weight:	9.60ppg	API Cake:	1/32nd"	Cl:	32000mg/l	Oil:	0.0%	Fann 100	18
ECD TD:	0.00ppg	PV	15cp	Hard/Ca:	30mg/l	Sand:	0.60 %	Fann 200	27
ECD Shoe:		YP	18lb/100ft²	MBT:	6.50	Barite:	0.00lb/bbl	Fann 300	33
Viscosity	60sec/qt			KCl Equiv:	5.3%	CaCO3 Added:	24.4ppb	Fann 600	48
				PHPA Added:	1.36ppb				
				Fluoresceine:					

Comment: Treated SFC System with 1 can of Biocide. 19sx KCl used for mixing 120bbbls Displacement fluid f CSG CMT job. Circulating across the top of the well, using fill-up pump+trip tank. No full circulation for 78 hours.

FLUORESCINE:
 Total dry powder equivalent used for entire project: ~5.5kg
 2 unopened 5kg tubs ready to be returned to:
 SCHLUMBERGER @ DAMPIER, WA.
 ~900g remaining in one tub passed on to Dr Chris BOREHAM, GA, Canberra.

Shakers, Volumes and Losses Data							
Available	729bbl	Losses	14bbl	Equip.	Descr.	Mesh Size	Hours
Active	370bbl	Downhole	14bbl	1	Lin. Motion SHAKER	1 x 84 & 2 x 50	0
Hole	332bbl	Shakers & Equip.	0bbl	2	Lin. Motion SHAKER	1 x 84 & 2 x 50	0
Slug		Dumped	0bbl	3	De-Sander	2 x 8" Cones	0
Reserve	27bbl	Centrifuges		4	De-Silter	12 x 4" Cones	0
		Desander					
		De-Silter	0bbl				
Built	0bbl						

Comment: Hole taking 14 bbls fluid over last 24 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		317500		
Depth In	2075.5m	SPP	1300.0psi			OB-ROP(avg)		Cum. OB-ROP(avg)		17.35m/hr		
Depth Out		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	9
RMN Drilling Fluids	1
Total on Rig	38

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	1	0	4.0	
AMC Defoamer	25L can	0	0	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	0	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	19	0	359.0	
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	34.0	
Xanthan Gum	25kg sack	0	0	0	21.0	
Xtra-sweep	12lb box	0	0	0	4.0	
Liqui-Sperse	25L can	0	0	0	32.0	
Diesel fuel		0	800	0	11,000.0	

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	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	