

**CRC-1**

<b>Date :</b>	11 Mar 2007	<b>Well Site Manager :</b>	Kevin Murphy	<b>Rig Manager :</b>	Cesar Miaco
<b>Report Number</b>	25	<b>Drilling Supervisor :</b>	Kevin Murphy / Roy Dunne	<b>Drilling Company :</b>	Century Drilling Ltd
<b>Easting</b>	657913	<b>Northing</b>	5733761	<b>Geologist :</b>	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:	24.54	Liner MD:		LTI Free Days:	291
Datum:	GDA 94	Days On Well:	37.54	Liner TVD:			

Current Ops @ 0600: Run & log CMT/ECS, continue logging operation.  
 Planned Operations: Continue with logging operation. Schlumberger attempt to repair MDT mini frac tool.

**Summary of Period 0000 to 2400 Hrs**

Run logs, MDT run #2, taking samples. MDT run #3 for mini frac, tools failed, Pooh and L/O tools.

**HSE Summary**

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening ( 2 )	11 Mar 2007	0 Days	Personnel blow into alcoholizer
Fire Drill ( 1 )	11 Mar 2007	0 Days	All personnel attended
Hazard Observation ( 1 )	11 Mar 2007	0 Days	Holes in grating on top of mud tank, may cause foot injury.
Hazard Observation ( 1 )	11 Mar 2007	0 Days	Kick grail needed on pre-mix tank.
Hazard Observation ( 1 )	11 Mar 2007	0 Days	Foot rail needed aroun shacker shutes before somebody falls down.
Inspection ( 2 )	11 Mar 2007	0 Days	Visually inspect d/line, d/man, brakes, koomey, BOP stack and Koomey pressures.
Pre-Tour Meetings ( 2 )	11 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 operation to prevent injuries.
Weekly Safety Meeting ( 1 )	11 Mar 2007	0 Days	All personnel attended

**Operations For Period 0000 Hrs to 2400 Hrs on 11 Mar 2007**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
E1	P	LOG	0000	0315	3.25	2249.0m	Continue with the run #3 MDT (pressures).
E1	P	LOG	0315	0500	1.75	2249.0m	POOH with MDT (pressures) tool string.
E1	P	LOG	0500	0745	2.75	2249.0m	MDT (pressures) tool string at surface.
E1	P	LOG	0745	0845	1.00	2249.0m	PU MDT (samples) tool string.
E1	P	LOG	0845	0900	0.25	2249.0m	RIH with run #4 MDT (samples) tool string.
E1	P	LOG	0900	2000	11.00	2249.0m	Log #4 MDT (samples).
E1	P	LOG	2000	2130	1.50	2249.0m	POOH with MDT (samples) tool string.
E1	P	LOG	2130	2230	1.00	2249.0m	MDT (samples) tool string at surface. Commence rigging down tool.
E1	P	LOG	2230	2245	0.25	2249.0m	PU MDT (mini-frac) tool string.
E1	P	LOG	2245	2345	1.00	2249.0m	Power up / check tool string on rig floor. Could not test / calibrate tool due to wiring fault.
E1	TP (LTF)	LOG	2345	2400	0.25	2249.0m	Rig down MDT (mini-frac) tool string.

**Operations For Period 0000 Hrs to 0600 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	0215	0245	0.50	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	0600	1.25	2249.0m	Commence log #5 CMR-ECS.

WBM Data									
Daily Chemical Costs: \$ 0.00				Cost To Date: \$ 58647.00				Engineer : Peter N ARONETZ	
Mud Type:	Water Based	Flowline Temp:	27.1C°	pH:	9.5	Low Gravity Solids:	7.40%	Gels 10s	3
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	PM:	0.35	High Gravity Solids:	0.00%	Gels 10m	5
Sample From:	Past Shale Shakers	Sulphites:	250mg/l	PF:	0.44	Solids (corrected):	7.40%	Fann 003	3
		API FL:	5.5cm³/30min	MF:	3.28	H2O:	92.6%	Fann 006	4
Time:	22:30	API Cake:	1/32nd"	CI:	32200mg/l	Oil:	0.0%	Fann 100	20
Weight:	9.60ppg	PV	16cp	Hard/Ca:	30mg/l	Sand:	0.60 %	Fann 200	28
ECD TD:	0.00ppg	YP	19lb/100ft²	MBT:	6.50	Barite:	0.00lb/bbl	Fann 300	35
ECD Shoe:				KCl Equiv:	5.6%	CaCO3 Added:	24.4ppb	Fann 600	51
Viscosity	59sec/qt			PHPA Added:	1.36ppb				
				Fluoresceine:	4.725ppm				

**Comment:** Hole taking fluid at an average rate of 0.9bbls/hr. Total 21bbls in 24 hrs.

Circulating across the top of the well, using fill-up pump+trip tank.  
No full circulation or chemical treatment last 24 hours.

Shakers, Volumes and Losses Data							
Available	743bbl	Losses	21bbl	Equip.	Descr.	Mesh Size	Hours
Active	370bbl	Downhole	21bbl	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
				4	De-Silter	12 x 4" Cones	0
Reserve	41bbl	Centrifuges					
		Desander					
		De-Silter	0bbl				
Built	0bbl						

**Comment:** Hole taking 21bbls fluid over 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#	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>			<b>Calculated over Bit Run</b>			
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		254000	
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	
<b>Total Length:</b>	<b>260.51m</b>					

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
<b>Total on Rig</b>	<b>36</b>

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	0	0	5.0	
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	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	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	1200	0	11,400.0	

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	