CRC-1

Date :	20 Feb 2007	**Well Site Manager :**	Kevin Murphy	**Rig Manager :**	Agus Nugroho
Report Number	6	**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:	745.0m	Casing MD:	512.0m	Last BOP Test:	-
Rig:	CDL Rig 11	True Vertical Depth:	745.0m	Casing TVD:	512.0m	FIT/LOT:	/ 13.30ppg
RT - AMSL:	50.00m	24 Hr Progress:	229.0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	5.54	Liner MD:		LTI Free Days:	272
Datum:	GDA 94	Days On Well:	18.54	Liner TVD:			

Current Ops @ 0600:	Drill 6-3/4" hole at 837m.
Planned Operations:	Drill 6-3/4" hole to core point. Circ, wiper trip, POH to core.

Summary of Period 0000 to 2400 Hrs

P/test casing prior to ELOT. Drill shoe track, drill 6-3/4" hole to 522m. Conduct ELOT. Rig Repair - adjust jackshaft/v-drive. Drill 6-3/4" hole 522 - 745m

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	20 Feb 2007	0 Days	Personnel blow into alcoholizer
Pre-Job Meetings (1)	20 Feb 2007	0 Days	Hold PJSM prior to ELOT.
Pre-Tour Meetings (2)	20 Feb 2007	0 Days	Drill out shoe track & General Housekeeping

Operations For Period 0000 Hrs to 2400 Hrs on 20 Feb 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	P	BOP	0000	0030	0.50	516.0m	Flush to poor boy degasser to prove pipe work and choke.
SH	P	OTH	0030	0100	0.50	516.0m	Adjust mast to center over hole.
SH	P	PT	0100	0200	1.00	516.0m	Hold PSJM with Schlumberger and rig crew. P/test treating line tie in at annulus. Top up DP and SI rams. Pressure test casing recording 0.7 bbls water pumped to max of 2531 psi @ 0.5 bpm. Monitor pressure for 15 min. Note: Mud logger pressure 7 psi lower than Schlumberger pressure. Bleed off, open rams.
PH1	P	DFS	0200	0530	3.50	516.0m	Drill out shoe track.
PH1	P	DA	0530	0600	0.50	522.0m	Drill 6-3/4" hole f/ 516m to 522m.
PH1	P	CMD	0600	0630	0.50	522.0m	Circ to condition hole and mud.
PH1	P	FIT	0630	0900	2.50	522.0m	RU hardline and conduct Extended LOT. (13.3 ppg EMW). RD Schlumberger.
PH1	P	RR	0900	1030	1.50	522.0m	Rig Repair - adjust jackshaft & V-drive.
PH1	P	DA	1030	2400	13.50	522.0m	Drill 6-3/4" hole f/ 522m to 745m.

Operations For Period 0000 Hrs to 0600 Hrs on 21 Feb 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0600	6.00	837.0m	Drill 6-3/4" hole 745m to 837m.

WBM Data

Daily Chemical Costs: $ 4122 | Cost To Date: $ 14637 | Engineer : Peter N ARONETZ

Mud Type:	Water Based	Flowline Temp:	33.6C°	Cl:	10000mg/l	Low Gravity Solids:	1.5	Gels 10s	1
Description:	KCl / PHPA / POLYMER	Nitrates:	0mg/l	Hard/Ca:	160mg/l	High Gravity Solids:	0	Gels 10m	1
Sample From:	Past Shale Shakers	Sulphites:	0mg/l	MBT:	2.5	Solids (corrected):	1.5	Fann 003	1
Time:	22:20	API FL:	15.0cm³/30min	PM:	0.26	H2O:	98.5%	Fann 006	2
Weight:	8.65ppg	API Cake:	1/32nd"	PF:	0.18	Oil:	0.0%	Fann 100	12
ECD TD:	8.94ppg	PV	8cp	MF:	0.65	Sand:	1 %	Fann 200	17
ECD Shoe:		YP	11lb/100ft²	pH:	9.5	Barite:	0	Fann 300	20
Viscosity	46sec/qt			PHPA Added:	0.5ppb	CaCO3 Added:	0.0ppb	Fann 600	29
KCl Equiv:	2.1%								

Comment: FIT carried out w/- remaining Bentonite spud mud (9.1 ppg). At completion of test, displace to newly mixed KCl/PHPA/POLYMER fluid.
Despite extensive shearing of PHPA, run-off over shakers. Cause being penetrated sand with widely varying grainsize, which plugs screens.
De-sander and de-silter full on-line, underflow up to 13.8ppg.
Prepare 375bbls new volume; commence recycling fluid from sump.

Start FLUORESCEINE additions.
Final mesured F/C concentration as measured with HACH Spectrometer.

Shakers, Volumes and Losses Data

Available	**539bbl**	**Losses**	**200bbl**
Active	446bbl	Downhole	0bbl
Hole	93bbl	Shakers & Equip.	75bbl
Slug		Dumped	75bbl
Reserve	0bbl	Centrifuges	
		Desander	27bbl
		De-Silter	23bbl
Built	375bbl		

Equip.	Descr.	Mesh Size	Hours
1	Lin. Motion SHAKER	3 x 84	24
2	Lin. Motion SHAKER	3 x 84	24
3	De-Sander	2 x 8" Cones	12
4	De-Silter	12 x 4" Cones	12

Comment: At completion of Leak-off test, diplace to newly mixed KCl/PHPA/POLYMER fluid.
Despite extensive shearing of PHPA, run-off over shakers. Cause being penetrated sand with widely varying grainsize, which plugs screens.
De-sander and de-silter full on-line, underflow up to 13.8ppg.
Prepare 375bbls new volume; commence recycling fluid from sump.

Bit Data

Bit # 2

				Nozzles	**Drilled over last 24 hrs**		**Calculated over Bit Run**	
Size ("):	6.750	IADC#		5 x 12(/32nd")	Progress	229.0m	Cum. Progress	229.0m
Mfr:	Stealth Tools	WOB(avg)	4.0klb		On Bottom Hrs	8.60	Cum. On Btm Hrs	8.60
Type:	PDC	RPM(avg)	110		IADC Drill Hrs	14.00	Cum IADC Drill Hrs	14.00
Serial No.:	6972	RPM (DH)(avg)	110		Total Revs	38990	Cum Total Revs	38990
Bit Model	M56S	F.Rate	250.0gpm		OB-ROP(avg)	26.63m/hr	Cum. OB-ROP(avg)	26.63m/hr
Depth In	516.0m	SPP	450.0psi					
Depth Out		TFA	0.552	HSI 36438464098.74				

BHA Data

BHA # 2

Weight(Wet)	25.0klb	Length	4.7m	Torque(max)	5000.0ft-lbs	D.C. (1) Ann Velocity	266fpm
Wt Below Jar(Wet)	20.0klb	String	62.0klb	Torque(Off.Btm)	1000.0ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	64.0klb	Torque(On.Btm)	5000.0ft-lbs	H.W.D.P. Ann Velocity	184fpm
		Slack-Off	62.0klb	Jar Hours	14	D.P. Ann Velocity	184fpm

BHA Run Description: Packed.

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.26m	6.75in		6972	14	
Near Bit Stab	1 x 1.51m	6.75in	2.43in	5475-1	14	
Pony DC	1 x 2.90m	4.75in	2.25in	502-A32	14	
String Stabiliser	x					
Total Length:	4.67m					

Survey

MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (m)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
131.00	0.25							Single shot
312.00	0.50							Single shot
506.00	1.00							Single shot

Summary

Company	Pax On
Upstream Petroleum	4
Century Drilling Ltd	26
Schlumberger Oilfield Australia Pty Ltd	2
BHI	2
Corpro Systems Ltd	1
RMN Drilling Fluids	1
Total on Rig	36

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM	SPP (psi)	Flow (gpm)
1	GD PZ-7	5.50	8.80	97	120	450.00	250.00
2	GD PZ-7	5.50	8.80	97	0		
3	GD PZ-7	5.51		97	0		

Slow Pump Data

Depth (m)	Ck. Line (psi)		SPM	SPP (psi)	Flow (gpm)
714.0		1.	80	100.00	
		2.	100	280.00	
714.0		1.	80	100.00	
		2.	100	280.00	
		1.			
		2.			

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