



DRILLING FLUID REPORT

Report #	19	Date :	19-Jun-2007
Rig No	11	Spud :	1-Jun-2007
Depth	1500	to	1556
Metres			

OPERATOR Petro Tech Pty Ltd		CONTRACTOR Century Drilling Limited	
REPORT FOR Lou DeVattimo		REPORT FOR Sam Alcazar	
WELL NAME AND No Boola Boola#2		FIELD PEP 166	LOCATION Gippsland Basin
		STATE Victoria	

DRILLING ASSEMBLY		JET SIZE		CASING		MUD VOLUME (BBL)		CIRCULATION DATA				
BIT SIZE	TYPE	12	12	12	13 3/8 SURFACE SET @	49 ft	HOLE	PITS	PUMP SIZE		CIRCULATION	
8.50	Reed-TD51AP				15 M		328	405	5.5 X 7	Inches	PRESS (PSI) 1500 psi	
DRILL PIPE SIZE	TYPE	Length		9 5/8 INTERMEDIATE SET @	1870 ft	TOTAL CIRCULATING VOL.		PUMP MODEL	ASSUMED EFF	BOTTOMS UP (min)		
4.5	16.6 #	1353 Mtrs		570 M		788		GD-PZ-7	97 %	35 min		
DRILL PIPE SIZE	TYPE	Length		PRODUCTION. o LINER Set @	ft	IN STORAGE		BBL/STK	STK / MIN	TOTAL CIRC. TIME (min)		
4.50	HW	37 Mtrs		M		55		0.0499	170	96 min		
DRILL COLLAR SIZE (")	Length			MUD TYPE								
6.25	8.00	166 Mtrs		Gel/KCl/Polymers								

SAMPLE FROM		MUD PROPERTIES		MUD PROPERTY SPECIFICATIONS			
TIME SAMPLE TAKEN		Suction	Suction	Mud Weight	8.6 - 9.1	API Filtrate	8.0 - 15.0
DEPTH (ft) - (m)		1100	2230	Plastic Vis	ALAP	Yield Point	4.0 - 10.0
FLOWLINE TEMPERATURE		1,517	1,550	KCl	1.0 - 2.0%	PHPA	Sulphites
WEIGHT		9.40	1.128	9.40	1.128		

OBSERVATIONS							
Maintained Volume with premixes of PAC R							
Biocide used to prevent bacterial degradation							
Running desander and desilter							

OPERATIONS SUMMARY							
Drill ahead to midnight depth of 1556m.							

Mud Accounting (bbls)				Solids Control Equipment									
FLUID BUILT & RECEIVED		FLUID DISPOSED		SUMMARY		Type	Hrs	Cones	Hrs	Size	Hrs		
Premix (drill water)	110	Desander	17	INITIAL VOLUME	826	Centrifuge		Desander	2	16	Shaker #1	3 x 210	24
Premix (recirc from sump)		Desilter	17	+ FLUID RECEIVED	110	Degasser	Poorbo	Desilter	12	24	Shaker #2	3 x 210	24
Drill Water		Downhole	64	- FLUID LOST	148								
Direct Recirc Sump		Dumped	30	+ FLUID IN STORAGE	55								
Other (eg Diesel)		Other	20										
TOTAL RECEIVED	110	TOTAL LOST	148	FINAL VOLUME	843	Overflow (ppg)		Underflow (ppg)		Output (Gal/Min.)			
						Desander	9.4	10.2		0.75			
						Desilter	9.4	10.3		0.50			

Product	Price	Start	Received	Used	Close	Cost	Solids Analysis		Bit Hydraulics & Pressure Data	
AMC Biocide G	\$ 134.40	11		1	10	\$ 134.40	%	PPB	Jet Velocity	
Caustic Soda	\$ 51.40	15		1	14	\$ 51.40	High Grav solids	0.1	1.51	Impact force
							Total LGS	7.0	66.5	HHP
							Bentonite	0.1	0.5	HSI
							Drilled Solids	7.0	63.4	Bit Press Loss
							Salt	0.5	4.7	CSG Seat Frac Press
							n @ 2230 Hrs	0.58		Equiv. Mud Wt.
							K @ 2230 Hrs	3.20		ECD
										Max Pressure @ Shoe :

DAILY COST		CUMULATIVE COST	
\$185.80		\$25,269.35	

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