

Daily Drilling Fluid Report

Report No 003

Baroid, a Halliburton Company

Date 07/03/2006	Depth 415.0 m
Spud Date 05/03/2006	Rig Activity Cut Core # 1

Operator Lakes Oil NL				Report For Lou De-Vattimo				Well Name Loy Yang-2				
Contractor Hunt Energy and Mineral Co Australia PTY LTD				Report For Dave Hair				Rig Name Rig #2				
Country Australia		State/Province/Region Victoria			County/Geographic Area Pacific			Field or Block Loy Yang				
Bit Information		Drill St ring		OD	ID	Length	OD	Casing	MD	Circulation/Hydraulics Data		
Bit Size	5.930 in	ITEM	in	in	m		in	Set	m	Model	TSM - 500 Co Ems DB-550	
Make/Type	CORE PRO / Core	Drill Pipe	3.500	2.602	292.6		7.000	@	220.0	Bore in	5.500	5.500
Jets	2	Drill Collar	4.750	2.250	122.4					Stroke in	16.000	16.000
JFS	2.000 sq-in									Eff (%)	95	95
Jets Velocity	24 ft/sec									bbl/stk	.134	.134
Jet Impact Force	16.1 lbf									SPM	17	
HHSL	0.01 hhp/in2									gpm	151	
Pres Drop @ Bit	4.5 psi									Total gpm	151	AV, Riser
Bit Depth	415.0 m	Open Hole	6.125		195.0					Total Circ Time	108.4	AV, DP
ECD @ Shoe	9.00 ppg									BU Time, min	8.5	AV, DC
ECD @ Bit	9.31 ppg									Total Strokes	2,928	BU Stroke
						Form Integrity		14.00 ppg		230 Pres Drop An psi 57.0		
Properties		1	2	3	4	Targets		Program		Fluid Treatments		
Source	Suction Tank	Suction Tank				1	2	3	4	Fluid Type: KCl/Polymer		
Time	12:30	19:30								Daily KCI Mud Volume : 92 bbl		
Depth m	415.0	415.0								Total KCI Mud Volume : 472 bbl		
FL Temp Deg C	28	26								Desander : Underflow 8.6 ppg, 1.6 bph, 2 cones @ 40 psi.		
Density ppg @ Deg C	8.50 @ 28	8.50 @ 26							8.30 9.00	Desilter : Underflow 10.4 ppg, 2.2 bph, 5 cones @ 40 psi		
FV @ Deg C	56 @ 28	56 @ 26								Dumped sand trap x 2 times.		
PV @ Deg C	11 @ 49	11 @ 49								Installed 1 x new # 110 mesh screen. Shaker screen configuration is 110/84/50 mesh.		
YP lbs/100 ft2	18	18										
Gels lbs/100 ft2	5/7/9	5/8/9										
600/300	40.0/29.0	40.0/29.0										
200/100	24.0/18.0	23.0/18.0										
6/3	6.0/5.0	6.0/5.0										
API Filt ml/30 min	6.8	6.9										
HTHP ml/30 min @Deg C												
Cake 32nd In	1.0/0.0	1.0/0.0										
Corr Solids % by vol	0.7	0.7										
NAP/Water % by vol	0.0/98.6	0.0/98.6										
Sand % by vol	0.25	0.25										
MBT ppb Eq.	1.5	1.5										
pH	9.00	9.00										
Alk Mud (Pm)	0.20	0.20										
Alk Filt (Pf/Mf)	0.10/0.50	0.10/0.45										
Chlorides mg/l	7,000	7,000										
Hard Ca mg/l	260	240										
LGS/HGS %	0.7/0.0	0.7/0.0										
LGS/HGS ppb	6.45/-0.31	6.45/-0.31										
ASG	2.551	2.551										
KCl % wt/vol	1.40	1.40										
Sulfite residual mg/l	120	110										
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