

Daily Drilling Fluid Report

Report No 005

Baroid, a Halliburton Company

Date 09/03/2006	Depth 458.5 m
Spud Date 05/03/2006	Rig Activity Pull Out Core # 2

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	in	ITEM	in	in	m	in	Set	m	Model	TSM - 500	Co Ems DB-550
Make/Type	/		7.000	@	220.0	Bore in	5.500	5.500			
Jets						Stroke in	16.000	16.000			
TFA	sq-in					Eff (%)	95	95			
Jets Velocity	ft/sec					bbl/strk	.134	.134			
Jet Impact Force	lbf					SPM					
HHSI	hhp/in2					gpm					
Pres Drop @ Bit	psi					Total gpm		AV, Riser	Circ Pressure	psi	
Bit Depth	m	Open Hole	6.125	238.5	Total Circ Time		AV, DP	Tot Prs Loss	psi		
ECD @ Shoe	8.50 ppg				BU Time, min	AV, DC	Pres Drop DP	psi			
ECD @ Bit	8.50 ppg				Form Integrity	14.00 ppg	Total Strokes	BU Stroke	Pres Drop An	psi	

Properties	1	2 Hyd	3	4	Targets				Program
Source	Flow Line	Suction Tank			1	2	3	4	
Time	13:40	23:59							
Depth m	450.6	458.5							
FL Temp Deg C	30	27							
Density ppg @ Deg C	8.50 @ 30	8.50 @ 27						8.30 9.00	
FV @ Deg C	44 @ 30	42 @ 27							
PV @ Deg C	8 @ 49	7 @ 49							
YP lbs/100 ft2	13	12							
Gels lbs/100 ft2	4/5/6	4/5/6							
600/300	29.0/21.0	26.0/19.0							
200/100	18.0/13.0	16.0/12.0							
6/3	4.0/3.0	4.0/3.0							
API Filt ml/30 min	7.3	7.4							
HTHP ml/30 min @Deg C									
Cake 32nd in	1.0/0.0	1.0/0.0							
Corr Solids % by vol	0.8	0.8							
NAP/Water % by vol	0.0/98.6	0.0/98.6							
Sand % by vol	0.20	0.20							
MBI ppb Eq.	1.5	1.5							
pH	9.50	9.50							
Alk Mud (Pm)	0.30	0.30							
Alk Filt (Pf/Mf)	0.15/0.55	0.15/0.50							
Chlorides mg/l	6,000	6,250							
Hard Ca mg/l	200	220							
LGS/HGS %	0.8/0.0	0.8/0.0							
LGS/HGS ppb	7.04/-0.15	7.04/-0.15							
ASG	2.578	2.578							
KCl % wt/vol -	1.20	1.20							
Sulfite residual mg/l	120	120							

Fluid Treatments

Fluid Type: KCl/Polymer

Daily KCl Mud Volume : 57 bbl (Premix - 46
, Water -11)
Total KCl Mud Volume : 664 bbl

Desilter : Underflow 9.8 ppg, 0.8 bph, 5 cones
@ 40 psi.

Dumped sand trap x 1 time.

Received all chemicals sent as per DT
990943 of 9/3/2006.

Rig Activity

Continued DST # 1 (tool open). Shut in tool
for 2.5 hrs. Pulled tool, and reversed
circulated. Pulled out of hole. Ran in hole with
core barrel to 442 m, washed to 450 m.
Dropped ball. Cut Core # 2 from 450 m to
458.5 m. Pulled out to recover. Break down
core barrel.

[illegible][illegible]

Fluid Volume Breakdown		KCI/Polymer			
Active	bbl	Additions	bbl	Losses	bbl
Annulus	56.1	NAP Base		Dumped	-12.0
Pipe Cap		Drill Water	45.1	Transferred	
Active Pits	311.0	Dewatering		SC Equip	-11.0
Total Hole	56.1	Sea Water		Evaporation	
Total Circ	311.0	Whole Mud		Trips	-15.0
Reserve	59.0	Barite		Other	-5.0
Prev Vol	423.9	Chemicals	0.9	Total Surface	-43.0
Net Chg	2.3	Other Adds.		Downhole	
Total Vol	426.1	Total Added	46.0	Total Losses	-43.0

Daily Products Cost	\$A	744.07	Total Daily Cost	\$A	1,894.07	Other Fluid Types	Vol bbl	Deviation Information	
Cumulative Products Cost	\$A	10,142.25	Total Cumulative Cost	\$A	17,042.25			Survey MD	m

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				Horiz Displ.	m

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