



Daily Drilling Fluid Report

Report No 007

Baroid, a Halliburton Company

Date	11/03/2006	Depth	882.0 m
Spud Date	05/03/2006	Rig Activity	Trip Out For DST # 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
Bit Size in		ITEM	in	in	m
Make/Type /					
Jets					
TFA sq-in					
Jets Velocity ft/sec					
Jet Impact Force lbf					
HHSI hhp/in2					
Pres Drop @ Bit psi					
Bit Depth m		Open Hole	6.430		662.0
ECD @ Shoe 8.65 ppg					
ECD @ Bit 8.65 ppg					
		Form Integrity 14.00 ppg		Circulation/Hydraulics Data	
				Model	TSM - 500 Co Ems DB-550
				Bore in	5.500 5.500
				Stroke in	16.000 16.000
				Eff (%)	95 95
				bbl/strk	.134 .134
				SPM	
				gpm	
				Total gpm	AV, Riser
				Total Circ Time	AV, DP
				BU Time, min	AV, DC
				Total Strokes	BU Stroke
					Circ Pressure psi
					Tot Prs Loss psi
					Pres Drop DP psi
					Pres Drop An psi

Properties	1	2 Hyd	3	4	Targets	Program	Fluid Treatments
Source	Suction Tank	Suction Tank			1 2 3 4		Fluid Type: KCl/Polymer
Time	11:00	23:59					Daily KCl Mud Volume : 385 bbl (Premix - 322 , Water - 63)
Depth m	853.0	882.0					Total KCl Mud Volume : 1324 bbl
FL Temp Deg C	40	40					Desilter : Underflow 11.4 ppg, 1.3 bph, 5 cones @ 40 psi.
Density ppg @ Deg C	8.67 @ 37	8.65 @ 37				8.30 9.00	Dumped sand trap x 4 times. Dumped heavier mud 131 bbl to make room for dilution.
FV @ Deg C	39 @ 37	37 @ 37					Sump water cloudy from 863 m.
PV @ Deg C	6 @ 49	5 @ 49					
YP lbs/100 ft2	13	10					
Gels lbs/100 ft2	3/4/5	3/4/5					
600/300	25.0/19.0	20.0/15.0					
200/100	16.0/12.0	12.0/10.0					
6/3	4.0/3.0	3.0/2.0					
API Filt ml/30 min	7.0	7.5					
HTHP ml/30 min @Deg C							
Cake 32nd in	1.0/0.0	1.0/0.0					
Corr Solids % by vol	1.9	1.8					
NAP/Water % by vol	0.0/97.4	0.0/97.5					
Sand % by vol	0.10	0.10					
MBT ppb Eq.	2.0	2.0					
pH	9.10	9.50					
Alk Mud (Pm)	0.10	0.22					
Alk Filt (Pf/Mf)	0.08/0.30	0.13/0.35					
Chlorides mg/l	7,000	7,000					
Hard Ca mg/l	160	200					
LGS/HGS %	1.8/0.0	1.8/0.0					
LGS/HGS ppb	16.82/0.73	16.36/0.00					
ASG	2.642	2.600					
KCl % wt/vol	1.40	1.40					
Sulfite residual mg/l	100	100					

Product Name	Units	Start	Rec	Used	End	Cost	Solid Control Equipment	Time (Hrs)
Drilling Fluids Engineer	Day(s)			1		\$A 1,150.00	Shaker	Drilling 15.00
N-VIS P PLUS	50 lb bag	64		26	38	\$A 780.00	Screens	Circulating 0.50
KCl - Tech.	25 Kg bag	85		35	50	\$A 709.10	Hrs	Trips 5.50
BARACOR 129	25 Kg can	14		2	12	\$A 130.74	Hydrocyclones	Rig 0.50
potassium hydroxide	20 Kg pail	20		2	18	\$A 122.26	Cones	Surveys 2.50
Baracide	25 Kg can	4			4		Screens	Fishing
BARAZAN D PLUS	25 Kg bag	10			10		Hrs	Run Casing
barite	25 Kg bag	160			160			Coring
DEXTRID LTE	25 kg bag	48			48			Reaming
PAC-L	25 Kg bag	25			25			Testing
								Logging
								Dir Work
								Repair
								Other
								Total
								Rotating
								ROP
								Dil Rate

Fluid Volume Breakdown KCl/Polymer					
Active	bbl	Additions	bbl	Losses	bbl
Annulus	114.9	NAP Base		Dumped	-179.0
Pipe Cap		Drill Water	379.8	Transferred	
Active Pits	294.0	Dewatering		SC Equip	-92.9
Total Hole	114.9	Sea Water		Evaporation	
Total Circ	294.0	Whole Mud		Trips	-10.0
Reserve	59.0	Barite		Other	-35.0
Prev Vol	399.8	Chemicals	5.2	Total Surface	-316.9
Net Chg	68.1	Other Adds.		Downhole	
Total Vol	467.9	Total Added	385.0	Total Losses	-316.9

Daily Products Cost	\$A	1,742.10	Total Daily Cost	\$A	2,892.10	Other Fluid Types	Vol bbl	Deviation Information
Cumulative Products Cost	\$A	13,658.32	Total Cumulative Cost	\$A	22,858.32			Survey MD m
Baroid Representatives: Tun Aung								Survey TVD m
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