

# LAKES OIL N.L

## DAILY DRILLING REPORT

<b>WELL :</b>	<b>Loyang-2</b>	<b>REPORT No. :</b>	3	<b>DFS:</b>	2.25	<b>DATE :</b>	7-03-2006
<b>2400 DEPTH :</b>	423.6m	<b>LAST DEPTH :</b>	234m	<b>24 HR PROGRESS:</b>	189.6	<b>PTD :</b>	1250m
<b>TOTAL FUEL :</b>	10,100	<b>FUEL USAGE :</b>	850	<b>DAYCOST : \$</b>	82,469	<b>CUM. COST : \$</b>	666,640
<b>0600 OPS :</b>	Recover Core # 1 cut from 415m to 423.6m						
<b>Next 24 Hrs Op</b>	Drill ahead to next core depth at 476m						
<b>Site Personnel:</b>	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	1	2 Re-Run	Drilling	12.00	Density	8.50	S.G.
Size (mm)	156	156	Tripping	9.00	Viscosity	56	Sec
Make	Reed		Surveys		Water Loss	9.0	Cc
Type	DSX 206AIF+GW		Rig repairs	1.50	pH	9.0	Strip
IADC Code	S-222		Testing/tools		Filter Cake	1.0	32 nd
Serial Number	211343		Circulate Sample		PV / YP	11 / 18	Cp/lb/100'
Nozzles (32)	12-12-12-12	Open	Casing		Gels	5 / 8/ 9	S/m
Depth in (m)	220		Cementing		Sand	0.20	% Vol
Depth out (m)	415		Surveys		Solids	0.70	% Vol
Total Metres	11		Circulate & Condition	1.00	Oil		% Vol
Hours	0.5		Rig Service	0.50	K+		Mg/l
WOB (kg)	2000kg		Rig up BOP		Chlorides	7,000	Mg/l
RPM	90		Drill out Cmt		PHPA		
Condition			F.I.T		KCL	1.40 %	
Impact Force	16.1 lb/ft		Wait On Cement		Daily Cost	\$	2,988
Jet Velocity	24 ft/sec		Test BOPs		Cum Cost	\$	12,673

<b>B.H.A.:</b>	# 1	Bit-Bit sub with totco ring and float valve- 2 drill collars –stabilizer-10 drill collars 112.97m used for drilling
	# 2	Bit-Bit sub-with totco ring and float valve-2 drill collars-stabilizer-8 drill collars-Jars 2 drill collars used for wiper trip back in hole

HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS		CHEMICALS USED	
From	To	Operation	° at	m	Type	Amount
0000	12:00	Drilled 156mm hole from 234m to 415m (core depth)	° at	m	Barazan-D Plus	1
12:00	12:30	Circulated hole clean	° at	m	Dextrid LTE	6
12:30	15:00	Wiper tripped to surface checked pipe tally for depth	° at	m	PAC-L	4
15:00	15:30	Serviced the rig	° at	m	N-VIS Plus	6
15:30	16:30	Tripped in hole to 160m with 156mm Bit	° at	m	KCL Tech	8
16:30	18:00	Repaired drill line anchor clamp in drawworks drum	° at	m	Baracide	1
18:00	19:00	Tripped in hole from 160m to bottom at 415m	° at	m		
19:00	19:30	Circulated	° at	m		
19:30	21:00	Tripped out to run Core bbl				
21:00	23:30	Made up Core bbl and tripped in hole to 415m				
23:30	24:00	Picked up Kelly , circulated and dropped ball				
		Some over pull due to upward resistance on wiper trip				
		Obstruction above the stabilizer				
		No resistance when tripped back in hole				
		JSA Tripping				
		JSA Tool box meeting on connections				
Days since	LTA	557				

PUMP 1		PUMP 2	
Liner	140 mm	Liner	mm
Pressure	2,800 kPa	Pressure	KPa
A.V. DP	64.8 f/min	A.V. DP	m/min
A.V. DC	117 f/in	A.V. DC	m/min
SPM	42	SPM	
GPM	236	GPM	

CEMENT DATA		LAST CASING	
Sacks Halliburton	198	Size	177.80 mm
Class Bulk		Weight	38.69 Kg/m
%		Grade	N-80
%		Connection	Buttress
%		Joints	18
%		Length	216.00 m
Halliburton cost	\$ 31,212	Shoe	220m from RKB m