

LAKES OIL N.L

WELL :	<u>Loyang-2</u>	REPORT No. :	<u>6</u>	DFS:	<u>5.25</u>	DATE :	<u>10-03-2006</u>
2400 DEPTH :	<u>690.00m</u>	LAST DEPTH :	<u>458.00</u>	24 HR PROGRESS:	<u>232.00m</u>	PTD :	<u>1250m</u>
TOTAL FUEL :	<u>6,900</u>	FUEL USAGE :	<u>1,200</u>	DAYCOST : \$	<u>57,740</u>	CUM. COST : \$	<u>855,035</u>
0600 OPS :	Drilling 156mm hole at 795 m						
Next 24 Hrs Op	Drill ahead						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	4 RR-1		Drilling	17.50	Density	8.7	PPG
Size (mm)	156		Tripping	4.00	Viscosity	41	Sec
Make	Reed		Surveys	0.50	Water Loss	6.8	Cc
Type	DSX		Rig repairs		pH	8.8	Strip
IADC Code	S-222		Testing/tools		Filter Cake	1.00	32 nd
Serial Number	211343		Circulate Sample		PV / YP	6 / 14	Cp/lb/100'
Nozzles (32)	12-12-12-12		Light reaming	0.50	Gels	4 / 5 / 6	S/m
Depth in (m)	458		Cementing		Sand	0.10	% Vol
Depth out (m)			Coring		Solids	2.1	% Vol
Total Metres	Drilled so far 455m		Circulate & Condition	1.00	Oil		% Vol
Hours	40		Rig Service	0.50	K+		Mg/l
WOB (kg)	3000		Rig up BOP		Chlorides	6,500	Mg/l
RPM	120		Drill out Cmt		PHPA		
Condition	in		DST		KCL	1.30%	by volume
Impact Force	207lbft		Wait On Cement		Daily Cost	\$	2,923
Jet Velocity	183ft/sec		Test BOPs		Cum Cost	\$	19,966

BHA:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From		Operation
0000	02:30	Made up 156mm Bit then tripped in hole to 440m
02:30		Washed from 440m to 450m then light reamed core
	03:00	Rathole from 450m to 458m
03:00	10:00	Drilled 156mm hole from 458m to 546m
10:00	10:30	Serviced the rig
10:30	20:00	Drilled 156mm hole from 546m to 652m
20:00	20:30	Circulated hole clean ran survey on wireline
20:30	21:30	Wiper tripped 10 stands hole good (470m)
21:30	22:00	Picked up Kelly washed from 643m to 652 no fill
22:00	24:00	Drilled 156mm hole from 652m to 690m
		JSA Held safety meeting on tripping with drill collars
		JSA Laying down drill pipe from mousehole
Days since	LTA	561

SURVEYS			
2.00	° at	650	m
	° at		m
	° at		m
	° at		m
	° at		m
	° at		m
	° at		m

CHEMICALS USED	
Type	Amount
Dextrid LTE	4
Baracide	1
N-VIS Plus	20
KCL Tech	26
Baracor 129	1
Potassium Hydrox	1

PUMP 1	
Liner	140 mm
Pressure	4,900 kPa
A.V. DP	64.8 f/min
A.V. DC	100.4 f/in
SPM	45
GPM	252

PUMP 2	
Liner	mm
Pressure	KPa
A.V. DP	m/min
A.V. DC	m/min
SPM	
GPM	

CEMENT DATA	
Sacks Halliburton	198
Class Bulk	
%	
%	
%	
%	
Halliburton cost	\$ 31,212

LAST CASING	
Size	177.80 mm
Weight	38.69 Kg/m
Grade	N-80
Connection	Buttress
Joints	18
Length	216.00 m
Shoe	220m from RKB m