

**LAKES OIL N.L**

<b>WELL :</b>	<u>Loyang-2</u>	<b>REPORT No. :</b>	<u>5</u>	<b>DFS:</b>	<u>4.25</u>	<b>DATE :</b>	<u>9-03-2006</u>
<b>2400 DEPTH :</b>	<u>458.50m</u>	<b>LAST DEPTH :</b>	<u>450.00m</u>	<b>24 HR PROGRESS:</b>	<u>8.50m</u>	<b>PTD :</b>	<u>1250m</u>
<b>TOTAL FUEL :</b>	<u>8,100</u>	<b>FUEL USAGE :</b>	<u>950</u>	<b>DAYCOST : \$</b>	<u>44,712</u>	<b>CUM. COST : \$</b>	<u>743,295</u>
<b>0600 OPS :</b>	Drilling 156mm hole at 497m						
<b>Next 24 Hrs Op</b>	Drill ahead						
<b>Site Personnel:</b>	Lou DeVattimo - Supervisor						

BIT INFORMATION		
Bit Number	Core Head # 2	
Size (mm)	5-31/32 inch	
Make	Diamond	
Type	C-20	
IADC Code		
Serial Number	61EO712	
Nozzles (32)		
Depth in (m)	450	
Depth out (m)	458.50	
Total Metres	8.50	
Hours	8.00	
WOB (kg)	4000	
RPM	100	
Condition	Good	
Impact Force		
Jet Velocity		

OPS BREAKDOWN	
Drilling	
Tripping	6.00
Surveys	
Rig repairs	
Testing/tools	
Circulate Sample	
Light reaming	
Cementing	
Coring	9.50
Circulate & Condition	0.50
Rig Service	
Rig up BOP	
Drill out Cmt	
DST	8.00
Wait On Cement	
Test BOPs	

MUD PROPERTIES		
Density	8.50	S.G.
Viscosity	42	Sec
Water Loss	7.1	Cc
pH	9.5	Strip
Filter Cake	1.0	32 nd
PV / YP	7 / 12	Cp/lb/100'
Gels	4/ 5/ 6	S/m
Sand	0.20	% Vol
Solids	0.80	% Vol
Oil		% Vol
K+		Mg/l
Chlorides	6,250	Mg/l
PHPA		
KCL	1.20 %	
Daily Cost	\$	1,849
Cum Cost	\$	17,042

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**B.H.A.:**

# 3	Bit-Bit sub-with totco ring -2 drill collars-stabilizer-8 drill collars-Jars 2 drill collars
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HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
0000	03:00	Continued with DST # 1 with tool open
03:00	05:30	Shut in test tool
05:30	06:30	Reversed out fluid influx from wellbore   ( water )
06:30	08:30	Tripped out   with test string
08:30	10:00	Layed out tools
10:00	11:00	Picked up the Core barrel
11:00	12:30	Tripped in hole to 442m
12:30	13:00	Washed to bottom then dropped ball
13:00	21:00	Cut core # 2 from 450m to 458.50m
21:00	22:30	Tripped out with Core # 2
22:30	24:00	Recovered core and layed out tools
		JSA   Held safety meeting on PPE
		JSA
Days since	LTA	560

SURVEYS		
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	

PUMP 1		
Liner	140	mm
Pressure	3500	kPa
A.V. DP		f/min
A.V. DC		f/in
SPM	24	
GPM	110	

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

CHEMICALS USED		
Type	Amount	
Barazan-D Plus	1	
Dextrid LTE	1	
PAC-L	1	
N-VIS   Plus	3	
KCL Tech	4	
Baracor 129	1	
Potassium Hydrox		

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

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