

# LAKES OIL N.L

## DAILY DRILLING REPORT

**WELL :** ECHIDNA H-1 **REPORT No. :** 21 **DFS:** 20.5 **DATE :** 18th March 05

**2400 DEPTH :** 1670.00m **LAST DEPTH :** 1620.00m **24 HR PROGRESS:** 50.00m **PTD :** \_\_\_\_\_

**TOTAL FUEL :** 6,700 **FUEL USAGE :** 1,700 **DAYCOST : \$** 28,344 **CUM. COST : \$** 1,072,878

**0600 OPS :** Drilling 152.44mm hole at 1690m with Bit # 8

**Next 24 Hrs Op** Drill ahead

**Site Personnel:** Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	7 Re-Run	8	Drilling	2.00	Density	9.55	ppg
Size (mm)	156mm	154.22mm	Tripping	18.50	Viscosity	39	Sec
Make	Varel	Varel	Surveys		Plastic Viscosity	14@ 20deg	C
Type	L-127	ETD4	Slip and Cut line		Yield	13	100/ft2
IADC Code		2-1-6	Wireline logging		Gels	5/12/0lbs	100ft 2
Serial Number	170018	198663	Circulate Sample		API filtrate	6.10	30 min
Nozzles (32)	16-16-16	11-11-11	Repair Pumps	3.00	Cake	2.0	32 <sup>nd</sup> in
Depth in (m)	1609	1670	Prepare drillpipe		Corr solids	52	% Vol
Depth out (m)	1670	S.I.H	Surveys	0.50	Sand	.20	% Vol
Total Metres	61		Circulate & Condition		MBT	5.00	Ppb eq
Hours	34.50		Rig Service		Chlorides	29,500	Mg/l
WOB (kg)	9000		Rig up BOP		Hardness Ca	40	Mg/l
RPM	75		Drill out Cmt/Shoe		ASG	3.124	
Condition	4-6-ER(1-3)E-I-WT-HR		Breakdown kelly		KCL	5.50	% wt
Impact Force			Wait On Cement		Daily Cost \$	59	
Jet Velocity			Test BOPs		Cum Cost \$	77,603	

<b>B.H.A.:</b>	156mm Bit-Bit sub-2 x 4-3/4inch Drill collars-Stabilizer-13 x 4-3/4inch Drill collars-Jars-2 x 4-3/4inch Drill collars
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HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS				CHEMICALS USED	
From	To	Operation	1.50	° at	1604	m	Type	Amount
00:00	04:00	Tripped out with Bit # 7		° at		m	KCL Tech bulk	
04:00		Made up new bit then tripped in hole to 380m		° at		m	Barazan D plus	
		Attempted to circulate , negative result, blockage at		° at		m	Pot Hydro	1
	10:00	the Bit		° at		m	Caustic soda	
10:00	12:00	Pulled back out of hole and cleared blockage at the Bit		° at		m	Barite	
12:00	17:30	Tripped back in hole ,breaking circulation every 10 stds		° at		m		
17:30	18:00	Picked up the Kelly and washed to bottom at 1670m		° at		m	Bentonite / Pac R	
18:00	19:30	Drilled from 1670m to 1676m	PUMP 1				PUMP 2	
19:30	20:00	Worked on # 2 Mud pump	Liner	140	mm		Liner	mm
20:00	20:30	Drilled from 1676m to 1678m	Pressure	8750	kPa		Pressure	KPa
20:30	21:00	Pulled to the shoe , both pumps inoperative	A.V. DP	57.6	m/min		A.V. DP	m/min
21:00	23:30	Worked on # 2 Pump and # 1 pump	A.V. DC	81.6	m/min		A.V. DC	m/min
23:30	24:00	Ran back to bottom and picked up the Kelly	SPM	46			SPM	
			GPM	209			LPM	
		Note 4 hrs lost due to pipe problem with internal scale	CEMENT DATA				LAST CASING	
		3 hrs lost due to mud pumps failures which	Sacks Halliburton				Size	178 mm
		Have been constant for the past few bdays	Class Bulk				Weight	58 Kg/m
			%				Grade	K-55
			%				Connection	Buttress
			%				Joints	132
			%				Length	1599.75 m
Days since	LTA	140	Av. Wt				Shoe	1604m from RKB m