

LAKES OIL N.L

DAILY DRILLING REPORT

WELL : ECHIDNA H-1 **REPORT No. :** 19 **DFS:** 18.5 **DATE :** 16th March 05

2400 DEPTH : 1620.00m **LAST DEPTH :** 1609.00m **24 HR PROGRESS:** 11.00 **PTD :** _____

TOTAL FUEL : 10,300 **FUEL USAGE :** 900 **DAYCOST : \$** 44,910 **CUM. COST : \$** 1,013,343

0600 OPS : Drilling 156mm hole at 1630m

Next 24 Hrs Op Drill ahead

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	7 Re-Run		Drilling	7.00	Density	9.55	ppg
Size (mm)	156mm		Tripping	9.00	Viscosity	40	Sec
Make	Varel		Surveys		Plastic Viscosity	13@ 20deg	C
Type	L-127		Slip and Cut line		Yield	15	100/ft2
IADC Code			Wireline logging		Gels	3/6/0lbs	100ft 2
Serial Number	170018		Circulate Sample		API filtrate	5.2ml	30 min
Nozzles (32)	16-16-16		Casing		Cake	2.0	32 nd in
Depth in (m)	1609		Prepare drillpipe	2.00	Corr solids	5.4	% Vol
Depth out (m)			Surveys		Sand	.10	% Vol
Total Metres			Circulate & Condition	1.00	MBT	5.00	Ppb eq
Hours			Rig Service		Chlorides	26,500	Mg/l
WOB (kg)			Rig up BOP		Hardness Ca	40	Mg/l
RPM			Drill out Cmt/Shoe	4.50	ASG	3.102	
Condition			Breakdown kelly		KCL	5.10	% wt
Impact Force			Wait On Cement		Daily Cost \$	3,525	
Jet Velocity			Test BOPs	0.50	Cum Cost \$	73,136	

B.H.A.:	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	° at	m		Type	Amount
00:00	06:00	Tripped in hole picking up drill pipe to 1176m	° at	m		KCL Tech bulk	1
06:00	08:00	Cleaned and strapped pipe on racks	° at	m		Barazan D plus	1
08:00	10:00	Continued picking up pipe and tripped in to 1259m	° at	m		Pac L / Pot Hydro	2 / 2
10:00	10:30	Broke Circulation at 1259m	° at	m		Baracarb 5	1
10:30	11:30	Picked up Kelly and made up crossover subs	° at	m		Baracide / Barite	1 / 72
11:30	14:30	Drilled out shoetrack and cleaned ole to bottom at 1609	° at	m		Dextrid LTE	4
14:30	16:00	Drilled 4m of new hole from 1609m to 1613m	° at	m		Bentonite / Pac R	6 / 2
16:00	16:30	Circulated bottoms up					
16:30	17:00	Performed F.I.T with 9.5ppg mud to 850psi					
17:00	24:00	Drilled 156mm hole from 1613m to 1620m					
		F.I.T Equivalent mud weight 12.6ppg at 1613m					
Days since	LTA	133					

PUMP 1			PUMP 2	
Liner	140	mm	Liner	mm
Pressure	8750	kPa	Pressure	KPa
A.V. DP	57.6	m/min	A.V. DP	m/min
A.V. DC	81.6	m/min	A.V. DC	m/min
SPM	46		SPM	
GPM	209		LPM	

CEMENT DATA			LAST CASING		
Sacks Halliburton			Size	178	mm
Class Bulk			Weight	58	Kg/m
%			Grade	K-55	
%			Connection	Buttress	
%			Joints	132	
%			Length	1599.75	m
Av. Wt			Shoe	1604m from RKB	m