

LAKES OIL N.L

WELL : ECHIDNA H-1 **REPORT No. :** 20 **DFS:** 19.5 **DATE :** 17th March 05

2400 DEPTH : 1670.00m **LAST DEPTH :** 1620.00m **PROGRESS:** 50.00m **PTD :**

TOTAL FUEL :	8400	FUEL USAGE :	1900	DAYCOST :\$	31,191	CUM. COST :\$	1,044,534
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0600 OPS : Running in hole with new Bit estimate start drilling 152.4mm hole at 10:00 hrs

Next 24 Hrs Op Drill ahead

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION					OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	7 Re-Run				Drilling	23.00	Density	9.55	ppg
Size (mm)	156mm		Tripping	1.00	Viscosity	41	Sec		
Make	Varel		Surveys		Plastic Viscosity	15@ 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	6.00	30 min		
Nozzles (32)	16-16-16		Casing		Cake	2.0	32 nd in		
Depth in (m)	1609		Prepare drillpipe		Corr solids	5.1	% Vol		
Depth out (m)	1670		Surveys		Sand	.10	% 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	3.128			
Condition			Breakdown kelly		KCL	5.50	% wt		
Impact Force			Wait On Cement		Daily Cost	\$	4,406		
Jet Velocity			Test BOPs		Cum Cost	\$	77,543		

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

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
00:00	23:00	Drilled 156mm hole from 1620m to 1670m
23:00	24:00	Pumped pill then tripped out for Bit change
		F.I.T Equivalent mud weight 12.6ppg at 1613m
Days since	LTA	134

[illegible]

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

CEMENT DATA	
Sacks Halliburton	
Class Bulk	
%	
%	
%	
%	
Av. Wt	

CHEMICALS USED	
Type	Amount
KCL Tech bulk	3
Barazan D plus	2
Pot Hydro	2
Caustic soda	2
Barite	48
Bentonite / Pac R	99 / 2

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

LAST CASING		
Size	178	mm
Weight	58	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	132	
Length	1599.75	m
Shoe	1604m from RKB	m