

LAKES OIL N.L

WELL : ECHIDNA H-1 **REPORT No. :** 23 **DFS:** 22.5 **DATE :** 20th March 05

2400 DEPTH : 1791.00m **LAST DEPTH :** 1750.00m **PROGRESS:** 41.00m **PTD :**

TOTAL FUEL :	3100	FUEL USAGE :	2200	DAYCOST :\$	37,581	CUM. COST :\$	1,138,784
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0600 OPS : Drilling 152.44mm hole at 1810m with Bit # 9

Next 24 Hrs Op Drill ahead

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	8	9			Density	9.50	ppg
Size (mm)	152.40	152.40	Drilling	16.50	Viscosity	40	Sec
Make	Varel	Hughes	Tripping	7.00	Plastic Viscosity	13@ 20deg	C
Type	ETD4	MX-18H	Surveys		Yield	15	100/ft2
IADC Code	2-1-6	2-1-6	Slip and Cut line		Gels	3/5/0lbs	100ft 2
Serial Number	198663	5041994	Wireline logging		API filtrate	6.4	30 min
Nozzles (32)	11-11-11	13-13-13	Circulate Sample		Cake	2.0	32 nd in
Depth in (m)	1670	1791	Repair Pumps		Corr solids	5.5	% Vol
Depth out (m)	1791	S.I.H	Prepare drillpipe		Sand	.10	% Vol
Total Metres	121		Surveys		MBT	6.00	Ppb eq
Hours	42.50		Circulate & Condition		Chlorides	25,000	Mg/l
WOB (kg)	9000		Rig Service	0.50	Hardness Ca	40	Mg/l
RPM	75		Rig up BOP		ASG	2.981	
Condition	6-7-WT-A-2-1-ER-PR		Drill out Cmt/Shoe		KCL	5.00	% wt
Impact Force	168.8ft/lb		Breakdown Kelly		Daily Cost	\$	371
Jet Velocity	199ft/sec		Wait On Cement		Cum Cost	\$	79,090
			Test BOPs				

B.H.A.: 152.40 mm 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	16:30	Drilled 6 inch hole from 1750m to 1791m
16:30	19:30	Tripped out for Bit change
19:30	20:00	Changed out Bit
20:00	24:00	Tripped in hole with Bit # 9
Days since	LTA	142

[illegible]

PUMP 1		
Liner	140	mm
Pressure	8625	kPa
A.V. DP	47.5	m/min
A.V. DC	76.7	m/min
SPM	38	
GPM	173	

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

CHEMICALS USED	
Type	Amount
KCL Tech bulk	
Baracor 129	1
Pot Hydro	
Potassium Hydrox	1
Barite	30
Pac L	
Pac R	

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