

LAKES OIL N.L

WELL : ECHIDNA H-1 **REPORT No. :** 13 **DFS:** 12.5 **DATE :** 10th March 05

2400 DEPTH : 1564.00m **LAST DEPTH :** 1519.00 **PROGRESS:** 45.00 **PTD :** 1600

TOTAL FUEL :	8275	FUEL USAGE :	1625	DAYCOST :\$	25,587	CUM. COST :\$	593,489
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0600 OPS : Drilling 216mm hole at 1581m

Next 24 Hrs Op Drill to proposed TD of 1600m

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION					MUD PROPERTIES		
Bit Number	4 Re Run	5			Density	10.55	ppg
Size (mm)	216	216	Drilling	14.50	Viscosity	48	Sec
Make	Reed	Security	Tripping	7.00	Plastic Viscosity	23 @ 20deg	C
Type	TD-53		Surveys		Yield	34	100/ft2
IADC Code	5-3-7	5-1-7X	Slip and Cut line	2.00	Gels	8/18/0lbs	100ft 2
Serial Number	J-565742		Testing/tools		API filtrate	4.2 ml	30 min
Nozzles (32)	12-13-13	13-13-13	Circulate Sample		Cake	1.0	32 nd in
Depth in (m)	1160	1519	Casing		Corr solids	9.5	% Vol
Depth out (m)	1519		Cementing		Sand	.80	% Vol
Total Metres	359		Surveys		MBT	8.00	Ppb eq
Hours	76		Circulate & Condition	0.50	Chlorides	26,000	Mg/l
WOB (kg)	13,000	13,000	Rig Service		Hardness Ca	360	Mg/l
RPM	80	80	Rig down bop		ASG	3.471	
Condition	6-8-BT-A-E-I-ER-TQ		Drill out Cmt		KCL	5.20	% wt
Impact Force			Breakdown kelly		Daily Cost	\$	1,402
Jet Velocity			Wait On Cement		Cum Cost	\$	62,718
			Test BOPs				

B.H.A.: Bit –Bit Sub-2 DC-X/O-Stab-X/O-12 DC-Jar-3 DC-4HWDP

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
00:00	01:00	Tripped out with Bit # 4
01:00	03:00	Tripped in hole with Bit # 5 to shoe at 273m
03:00	05:00	Slipped and cut Block line
05:00	09:00	Tripped in hole to 1510m
09:00	09:30	Picked up Kelly and washed to bottom at 1519m
09:30	24:00	Drilled 216mm hole from 1519m to 1564m
Days since	LTA	128

[illegible]

PUMP 1		
Liner	140	mm
Pressure	8750	kPa
A.V. DP	27.6	m/min
A.V. DC	35.7	m/min
SPM	55	
LPM	308	gpm

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

CHEMICALS USED	
Type	Amount
Baracor	2
KCL bulk sx	
Barazan D Plus	
Pac L	2
Ezi-Mud DP	5
Caustic	1
Potassium Hyd	3

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

LAST CASING		
Size	244	mm
Weight	69.94	Kg/m
Grade	L-80	
Connection	NK3-SB	
Joints	21	
Length	268.35	m
Shoe	273m from RKB	m