

LAKES OIL N.L

WELL : ECHIDNA H-1 **REPORT No. :** 11 **DFS:** 10.5 **DATE :** 8th March 05

2400 DEPTH : 1456.00m **LAST DEPTH :** 1347.00m **PROGRESS:** 109.00m **PTD :** 1600

TOTAL FUEL :	12,600	FUEL USAGE :	2,250	DAYCOST :\$	27,070	CUM. COST :\$	503,609
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0600 OPS : Drilling 216mm hole at 1480.00m

Next 24 Hrs Op Drill to proposed TD of 1600m

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	3	4 Re-Run			Density	10.50	ppg
Size (mm)	216	216	Drilling	23.50	Viscosity	46	Sec
Make	Varel	Reed	Tripping		Plastic Viscosity	22 @ 20deg	C
Type	CHI-GMS	TD-53	Surveys		Yield	25	100/ft2
IADC Code	1-1-7	5-3-7	Rigged up		Gels	7/14/0lbs	100ft 2
Serial Number	205147	J-565742	Testing/tools		API filtrate	4.2 ml	30 min
Nozzles (32)	13-13-13	12-13-13	Circulate Sample		Cake	1.0	32 nd in
Depth in (m)	925	1160	Casing		Corr solids	8.8	% Vol
Depth out (m)	1160		Cementing		Sand	.80	% Vol
Total Metres	235		Surveys		MBT	6.00	Ppb eq
Hours	42.00		Circulate & Condition		Chlorides	28,000	Mg/l
WOB (kg)	5000 / 10000		Rig Service/slip & cut	0.50	Hardness Ca	420	Mg/l
RPM	100		Rig down bop		ASG	3.560	
Condition	8-4-ER(1-3)-E-1-WT-PR		Drill out Cmt		KCL	5.50	% wt
Impact Force	396.9ft/lb		Breakdown kelly		Daily Cost	\$	2,185
Jet Velocity	254ft/sec		Wait On Cement		Cum Cost	\$	59,785
			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	14:00	Drilled 216mm hole from 1347m to 1419m
14:00	14:30	Rig service
14:30	24:00	Drilled 216mm hole from 1419m to 1456m
		Halliburton perforating equipment arrived today
Days since	LTA	127

[illegible]

PUMP 1		
Liner	140	mm
Pressure	8400	kPa
A.V. DP	26.7	m/min
A.V. DC	34.4	m/min
SPM	55	
LPM	308	gpm

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

CHEMICALS USED	
Type	Amount
Barite / Baracor	16 / 1
KCL bulk sx	3 x 1000kg
Barazan D Plus	2
Pac L / Pac-R	3 / 1
Ezi-Mud DP	4
Dextrid LTE	6
Potassium Hyd	2

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