

LAKES OIL N.L
DAILY DRILLING REPORT

WELL :	ECHIDNA H-1	REPORT No. :	5	DFS:	4.5	DATE :	2nd March 05
2400 DEPTH :	778.00m	LAST DEPTH :	448.00m	24 HR PROGRESS:	330.00m	PTD :	
TOTAL FUEL :	6900	FUEL USAGE :	2190	DAYCOST : \$	32,363	CUM. COST : \$	303,238
0600 OPS :	Drilling 216mm hole at 863 m						
Next 24 Hrs Op	Drill ahead						
Site Personnel:	Lou DeVattimo - Supervisor						

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	2 Re-Run		Drilling	18.5	Density	10.40	ppg
Size (mm)	216		Tripping	3.50	Viscosity	44	Sec
Make	Varel		Surveys		Plastic Viscosity	20 @ 20deg	C
Type	CHI-GMS		Rigged up		Yield	30lbs	100/ft2
IADC Code	1-1-7		Testing/tools		Gels	10/17/0lbs	100ft 2
Serial Number	197685		Circulate Sample		API filtrate	4.5 ml	30 min
Nozzles (32)	13-13-13		Casing		Cake	1.0	32 nd in
Depth in (m)	275		Cementing		Corr solids	8.9	% Vol
Depth out (m)			Surveys		Sand	0.75	% Vol
Total Metres	503 to date		Circulate & Condition	1.50	MBT	12.00	Ppb eq
Hours	38.00 to date		Rig Service/slip & cut	.050	Chlorides	27,000	Mg/l
WOB (kg)	5000		Rig down bop		Hardness Ca	600	Mg/l
RPM	100		Drill out Cmt		ASG	3.417	
Condition	In hole		Breakdown kelly		KCL	5.5	% wt
Impact Force	268.7ft/lb		Wait On Cement		Daily Cost	\$ 7,578	
Jet Velocity	206 ft/sec		Test BOPs		Cum Cost	\$ 20,620	

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	06:30	Drilled 216mm hole from 448m to 599m			
06:30	08:00	Circulated hole clean and conditioned mud			
08:00	10:30	Wiper tripped hole to Shoe at 273m with no problems			
10:30	11:30	Picked up Kelly and broke circulation			
11:30	20:00	Drilled 216mm hole from 599m to 721m			
20:00	20:30	Serviced the Rig			
20:30	24:00	Drilled 216mm hole from 721m to 778m			
Days since	LTA	124			

SURVEYS		
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	
° at	m	

CHEMICALS USED		
Type	Amount	
Barite	424	
KCL Tech bulk	2	
Barazan D Plus	4	
Pac L / Ezi-Mud	3 / 3	
Baricide / Pac -R	1 / 1	
Potassium Hyd	1	

PUMP 1		
Liner	140	mm
Pressure	6650	kPa
A.V. DP	26.7	m/min
A.V. DC	34.40	m/min
SPM	55	
LPM	302 gpm	

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

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

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