

LAKES OIL N.L

DAILY DRILLING REPORT

WELL : ECHIDNA H-1 **REPORT No. :** 6 **DFS:** 5.5 **DATE :** 3rd March 05

2400 DEPTH : 939.00m **LAST DEPTH :** 778.00m **24 HR PROGRESS:** 161.00m **PTD :** _____

TOTAL FUEL : 4700 **FUEL USAGE :** 2200 **DAYCOST : \$** 28,345 **CUM. COST : \$** 331,583

0600 OPS : Drilling 216mm hole at 1005m

Next 24 Hrs Op Drill ahead to Casing point

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	2 Re-Run	3	Drilling	12.50	Density	10.50	ppg
Size (mm)	216	216	Tripping	9.00	Viscosity	47	Sec
Make	Varel	Varel	Surveys		Plastic Viscosity	47 @ 20deg	C
Type	CHI-GMS	CHI-GMS	Rigged up		Yield	30lbs	100/ft2
IADC Code	1-1-7	1-1-7	Testing/tools		Gels	10/14/0lbs	100ft 2
Serial Number	197685	205147	Circulate Sample		API filtrate	4.5 ml	30 min
Nozzles (32)	13-13-13	13-13-13	Casing		Cake	1.0	32 nd in
Depth in (m)	275	925	Cementing		Corr solids	9.3	% Vol
Depth out (m)	925		Surveys		Sand	0.75	% Vol
Total Metres	650		Circulate & Condition	2.50	MBT	14.00	Ppb eq
Hours	47.00		Rig Service/slip & cut		Chlorides	28.00	Mg/l
WOB (kg)	5000		Rig down bop		Hardness Ca	600	Mg/l
RPM	100		Drill out Cmt		ASG	3.422	
Condition	In hole		Breakdown kelly		KCL	5.70	% wt
Impact Force	396.9ft/lb		Wait On Cement		Daily Cost	\$	3,760
Jet Velocity	254ft/sec		Test BOPs		Cum Cost	\$	24,381

B.H.A.:	Bit –Bit Sub-2 DC-X/O-Stab-X/O-12 DC-Jar-3 DC-4HWDP
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HOURLY OPERATIONS SUMMARY (0000 – 2400)			SURVEYS			CHEMICALS USED	
From	To	Operation	° at	m		Type	Amount
00:00	11:30	Drilled 216mm hole from 778m to 925m	° at	m		Barite / Baracor	142 / 2
11:30	12:30	Circulated hole clean prior to trip out for Bit change	° at	m		KCL sx	24
12:30	16:00	Tripped out for Bit change	° at	m		Barazan D Plus	3
16:00	20:00	Changed Bits then tripped in hole to 616m	° at	m		Pac L / Ezi-Mud	3 / 4
20:00	20:30	Picked up Kelly and reamed bridge at 616-620m	° at	m		Bentonite / Caustic	
20:30	22:00	Continued to trip in hole to 908m	° at	m		Dextrid LTE	6
22:00	23:00	Washed and reamed to bottom at 925m	° at	m		Potassium Hyd	2
23:00	24:00	Drilled 216mm hole from 925m to 939m with Bit # 3					
Days since	LTA	123					

PUMP 1			PUMP 2	
Liner	140	mm	Liner	mm
Pressure	7000	kPa	Pressure	KPa
A.V. DP	26.7	m/min	A.V. DP	m/min
A.V. DC	34.4	m/min	A.V. DC	m/min
SPM	55		SPM	
LPM	308	gpm	LPM	

CEMENT DATA			LAST CASING		
Sacks	Halliburton		Size	244	mm
Class	Bulk		Weight	69.94	Kg/m
%			Grade	L-80	
%			Connection	NK3-SB	
%			Joints	21	
%			Length	268.35	m
Av. Wt			Shoe	273m from RKB	m