

LAKES OIL N.L

DAILY DRILLING REPORT

WELL : ECHIDNA H-1 REPORT No. : 12 DFS: 11.5 DATE : 9th March 05

2400 DEPTH : 1519.00m LAST DEPTH : 1456.00m 24 HR PROGRESS: 63.00m PTD : 1600

TOTAL FUEL : 9,900 FUEL USAGE : 2700 DAYCOST : \$ 64,293 CUM. COST : \$ 567,902

0600 OPS : Trip back in hole with New Bit

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	Drilling	14.50	Density	10.50	ppg
Size (mm)	216	216	Tripping	6.50	Viscosity	47	Sec
Make	Varel	Reed	Surveys		Plastic Viscosity	22 @ 20deg	C
Type	CHI-GMS	TD-53	Rigged up		Yield	27	100/ft2
IADC Code	1-1-7	5-3-7	Testing/tools		Gels	7/14/0lbs	100ft 2
Serial Number	205147	J-565742	Circulate Sample		API filtrate	4.2 ml	30 min
Nozzles (32)	13-13-13	12-13-13	Casing		Cake	1.0	32 nd in
Depth in (m)	925	1160	Cementing		Corr solids	9.3	% Vol
Depth out (m)	1160	1519	Surveys		Sand	.80	% Vol
Total Metres	235	359	Circulate & Condition	2.00	MBT	6.00	Ppb eq
Hours	42.00	76	Rig Service	1.00	Chlorides	28,500	Mg/l
WOB (kg)	5000 / 10000	13,000	Rig down bop		Hardness Ca	360	Mg/l
RPM	100	80	Drill out Cmt		ASG	3.425	
Condition	8-4-ER(1-3)-E-1-WT-PR		Breakdown kelly		KCL	5.50	% wt
Impact Force	396.9ft/lb		Wait On Cement		Daily Cost	\$ 1,529	
Jet Velocity	254ft/sec		Test BOPs		Cum Cost	\$ 61,315	

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	08:30	Drilled 216mm hole from 1456m to 1494 m	° at	m	Barite / Baracor	70 / 2
08:30	09:30	Circulated bottoms up then pumped Pill	° at	m	KCL bulk sx	3 x 1000kg
09:30	10:30	Wiper tripped back to 1300m	° at	m	Barazan D Plus	1
10:30	11:30	Changed out Washpipe on the swivel	° at	m	Pac L / Pac-R	2 / 1
11:30	12:30	Tripped back in hole to 1483m	° at	m	Ezi-Mud DP	
12:30	13:00	Picked up Kelly and washed to bottom at 1494m	° at	m	Dextrid LTE	3
13:00	18:30	Drilled 216mm hole from 1494m to 1519m	° at	m	Potassium Hyd	2
18:30	19:30	Circulated bottoms up				
19:30	20:30	Tripped out for Bit change to 1079m				
20:30	21:00	Picked up the Kelly worked thru tight spot at 1079m				
21:00	24:00	Continued to trip out with bit to 210m				
Days since	LTA	128				

PUMP 1		PUMP 2	
Liner	140 mm	Liner	mm
Pressure	8400 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	308gpm	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