

LAKES OIL N.L

WELL : ECHIDNA H-1 **REPORT No. :** 16 **DFS:** 15.5 **DATE :** 13th March 05

2400 DEPTH : 1609.00m **LAST DEPTH :** 1609.00m **PROGRESS:** **PTD :** 1609

TOTAL FUEL :	3,300	FUEL USAGE :	1,200	DAYCOST :\$	162,285	CUM. COST :\$	893,056
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0600 OPS : Made up "B" Section to wellhead-Then Crossover spool- and installing the BOP

Next 24 Hrs Op Complete BOP then test same –Make up 6-1/8 inch BHA

Site Personnel: Lou DeVattimo - Supervisor

BIT INFORMATION			OPS BREAKDOWN		MUD PROPERTIES		
Bit Number	6 Re-Run # 3		Drilling		Density	10.55	ppg
Size (mm)	216		Tripping	2.00	Viscosity	48	Sec
Make	Varel		Surveys		Plastic Viscosity	26@ 20deg	C
Type	CHI-GMS		Slip and Cut line		Yield	26	100/ft2
IADC Code	1-1-7		Wireline logging		Gels	7/13/0lbs	100ft 2
Serial Number	205147		Circulate Sample		API filtrate	4.5 ml	30 min
Nozzles (32)	13-0-0		Casing	14.50	Cake	2.0	32 nd in
Depth in (m)	1609		Cementing		Corr solids	9.3	% Vol
Depth out (m)	Wiper Trip		Surveys		Sand	.50	% Vol
Total Metres			Circulate & Condition	1.00	MBT	8.00	Ppb eq
Hours			Rig Service		Chlorides	29,000	Mg/l
WOB (kg)			Rig up BOP	3.00	Hardness Ca	400	Mg/l
RPM			Drill out Cmt		ASG	3.493	
Condition			Breakdown kelly		KCL	5.50	% wt
Impact Force			Wait On Cement	3.50	Daily Cost	\$	750
Jet Velocity			Test BOPs		Cum Cost	\$	65,648

B.H.A.:

HOURLY OPERATIONS SUMMARY (0000 – 2400)		
From	To	Operation
00:00	02:00	Completed laying out of the Drill string
02:00	04:00	Rigged up to run the 7 inch Casing string
04:00	15:00	Ran 132 jnts of 7 inch Casing
15:00	16:00	Rigged up Halliburton then circulated
16:00		Safety meeting then pressure tested lines and cemented
	17:30	the casing . Displaced with mud and bumped plugs
17:30	21:00	W.O.C
21:00		Raised BOP –Installed Casing slips with 90,000lbs
		tension. Cut off casing excess-layed out same then
	24:00	removed Mud cross spools from wellhead
		3-1/2 Drill string remainder en route from Adelaide
		To rig site
Days since	LTA	130

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

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	308gpm	

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

CHEMICALS USED		
Type		Amount
Barite		42
Baracide		1
Potassium Hydrox		2

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

LAST CASING		
Size	178	mm
Weight	58	Kg/m
Grade	K-55	
Connection	Buttress	
Joints	132	
Length	1599.75	m
Shoe	1604m from RKB	m