

LAKES OIL N.L
DAILY DRILLING REPORT

| | | | | | | | |
|------------------------|-----------------------------|---------------------|----------------|----------------------------|---------------|-----------------------|-----------------|
| WELL : | ECHIDNA H-1 | REPORT No. : | <u>3</u> | DFS: | <u>3</u> | DATE : | <u>28-02-05</u> |
| 2400 DEPTH : | <u>275.00m</u> | LAST DEPTH : | <u>275.00m</u> | 24 HR PROGRESS: | <u>0</u> | PTD : | <u></u> |
| TOTAL FUEL : | <u>10000</u> | FUEL USAGE : | <u>650</u> | DAYCOST : \$ | <u>40,223</u> | CUM. COST : \$ | <u>237,047</u> |
| 0600 OPS : | Drilling 216mm hole at 282m | | | | | | |
| Next 24 Hrs Op | Drill ahead | | | | | | |
| Site Personnel: | Lou DeVattimo - Supervisor | | | | | | |

| BIT INFORMATION | | |
|-----------------|-----------|--|
| Bit Number | 2 Re- Run | |
| Size (mm) | 216mm | |
| Make | Varel | |
| Type | CHI-GMS | |
| IADC Code | 1-1-7 | |
| Serial Number | 197685 | |
| Nozzles (32) | 13-13-13 | |
| Depth in (m) | 275m | |
| Depth out (m) | | |
| Total Metres | | |
| Hours | | |
| WOB (kg) | | |
| RPM | | |
| Condition | | |
| Impact Force | | |
| Jet Velocity | | |

| OPS BREAKDOWN | |
|------------------------|-------|
| Drilling | |
| Tripping | |
| Surveys | |
| Rigged up | |
| Testing/tools | |
| Circulate Sample | |
| Casing | |
| Cementing | |
| Surveys | |
| Circulate & Condition | |
| Rig Service/slip & cut | |
| Rig up BOP | 18.00 |
| Drill out Cmt | |
| Tripping | 2:00 |
| Wait On Cement | |
| Test BOPs | 4:00 |

| MUD PROPERTIES | | |
|----------------|---------|------------|
| Density | 8.80 | ppg |
| Viscosity | 45 | Sec |
| Water Loss | 9.5 | Cc |
| pH | 8.50 | Strip |
| Filter Cake | 2 | 32 nd |
| PV / YP | 10 / 10 | Cp/lb/100' |
| Gels | 2/3/0 | S/m |
| Sand | | % Vol |
| Solids | 1.6 | % Vol |
| Oil | | % Vol |
| K+ | | Mg/l |
| Chlorides | 22500 | Mg/l |
| PHPA | | |
| KCL | | % |
| Daily Cost | \$ | 4,463 |
| Cum Cost | \$ | 5,798 |

| | |
|----------------|--|
| B.H.A.: | 216mm Bit-Bit sub with float and totco ring- 2 x 6-1/2in DC- x/o sub-Stabilizer-x/o sub-12 x 6-1/2in DC-Jars-3 x 6-1/2in DC-4 HWDP |
|----------------|--|

| HOURLY OPERATIONS SUMMARY (0000 – 2400) | | |
|---|-------|--|
| From | To | Operation |
| 0000 | | Cut and layed out the Conductor pipe then made up |
| | 04:30 | the Casing Bowl to the Casing |
| 04:30 | 06:00 | Installed the Mud cross and adapter spool to the |
| | | Casing Bowl made up the Kill line |
| 06:00 | | Installed the Blowout Preventor , Flowline , and |
| | 18:00 | Function tested the BOP controls |
| 18:00 | | Held safety meeting with Halliburton then pressure |
| | | Tested the Blind Rams to 10,500kpa Choke line valves |
| | 20:30 | to 14,000 kpa Standpipe to 14,000kpa |
| 20:30 | 21:00 | Rigged down the testing equipment |
| 21:00 | | Made up the 216mm Drilling assembly and tripped in |
| | 23:00 | hole to 97m |
| 23:00 | | Tested the Pipe rams to 14,000kpa and Annular |
| | 24:00 | Preventor 10,500kpa using the Halliburton unit |
| | | |
| | | |
| | | |
| | | Made up the new KCL mud |
| | | |
| | | |
| | | |
| | | |
| | | |
| Days since | LTA | 122 |

| SURVEYS | |
|---------|---|
| ° at | m |
| ° at | m |
| ° at | m |
| ° at | m |
| ° at | m |
| ° at | m |
| ° at | m |
| ° at | m |

| CHEMICALS USED | |
|----------------|--------|
| Type | Amount |
| KCL Bulk | 3 |
| Barazan D plus | 2 |
| Dextrid LTE | 12 |
| Pac R | 3 |
| Pac L | 3 |
| Ezi MUD DP | 3 |
| Baracide | 1 |

| PUMP 1 | |
|----------|----------|
| Liner | 140 mm |
| Pressure | 4800 kPa |
| A.V. DP | m/min |
| A.V. DC | m/min |
| SPM | |
| LPM | |

| PUMP 2 | |
|----------|--------|
| Liner | 140 mm |
| Pressure | KPa |
| A.V. DP | m/min |
| A.V. DC | m/min |
| SPM | |
| LPM | |

| CEMENT DATA | |
|-------------------|------------------|
| Sacks Halliburton | |
| Class A Bulk | 303 |
| % 1 | Calcium chloride |
| % 3 Gal | NF-6 |
| % | |
| % | |
| 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 | 273 m from RKB m |