



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST
 PERMIT: PEP 168
 RIG: ADS Rig 6

DATE: 25/05/08
 REPORT No. DDR 30
 D.F.S. 30

| MUD PROPERTIES | | ADDITIVES | SOLIDS CONTROL | | | SAFETY/BOP/DRILLS | | | | | |
|-------------------------|----------------------|---------------------|-----------------------------|-------------------|------------------------|------------------------------|-----------------------|------------|-------------|------|------|
| DENSITY(SG) | 9.2 | Bio-0 | | gpm | uf | hrs | ACCIDENT FREE DAYS | 334 | | | |
| VISCOSITY(Secs) | 49 | GeI-0 | DESILTER | | | 7 | LAST BOP DRILL | 25/5/08 | | | |
| pH | 8.5 | Kcl-28 | DESANDER | | | 10 | LAST FIRE DRILL | | | | |
| PV/YP | 17/22 | CaCo3-0 | CENTRIFUGE 1 | | | | LAST H2S DRILL | | | | |
| GELS 10/10 | 3/5 | Phpa-0 | CENTRIFUGE 2 | | | | LAST BOP TEST | | | | |
| WL API (cc/30min) | 6.4 | Xan-2 | | | | | BOP TEST DUE | 30/5/08 | | | |
| WL HTHP(cc/30min) | 0 | So/Su-0 | SHAKERS | 2 | | 10 | FORMATION DATA | | | | |
| CAKE(mm) | 1 | Pac-R-3 | SCREENS | 4/52-4/154 | | | DEPTH | | | | |
| SOLIDS % | 5.2 | Caustic-0 | PUMPS | 1 | 2 | 3 | TRIP GAS (%) | | | | |
| SAND % | 2 | Rod Free-0 | TYPE | SB 700 | NP 600 | | CONN. GAS (%) | | | | |
| CHLORIDES(mg/l) | 27000 | Quickseal-0 | STROKE(in) | 16 | 8 | | B'GRD GAS (%) | | | | |
| KCL % | 2.7 | Citric-0 | LINER(in) | 5.5 x 2.75 | 5.5 | | PORE PRESS (ppg) | | | | |
| MBT | 12.5 | Salt- 6 | SPM | 61 | 0 | | ECD (ppg) | | | | |
| TEMP °C | | SodaAsh-0 | GPM | 341 | 0 | | LITHOLOGY | | | | |
| HOLE VOL(bbl) | 497 | | SPP ~ psi | 950 | 0 | | TIME ANALYSIS | | | | |
| SURF VOL(bbl) | 380 | | AV-DP(m/min) | 164 | | | | HRS | CUM. | | |
| LOSSES(bbl/hr) | | | AV-DC(m/min) | 247 | | | 1. MOVE RIG | | | | |
| MUD Co | RMR | | SCR - spm | 27/150psi | | | 2. RIG UP | | 27.0 | | |
| MUD TYPE | KCL/PHPA | | SCR - spm | 36/335psi | | | 3. DRILLING | 3.0 | 246.0 | | |
| BIT DATA | | | BHA DETAILS | | BHA No. | | | | | | |
| BIT No. | 8 RR 2 | 7 | TOOL | OD (in) | Length (m) | | | | | | |
| SIZE (in) | 8.5 | 8.5 | SEC. BIT | 8 1/2 | 0.24 | | 4. TRIP | | | 58.5 | |
| TYPE | Sec FS2565 | STEALTH S36 | BIT SUB TOTCO RING | 6 1/4 | 0.91 | | 5. WIPER TRIP | | | 40.5 | |
| IADC CODE | S 424 | S233 | SCHLUM MONEL | 6 1/2 | 8.42 | | 6. SURVEY | | | 9.0 | |
| SERIAL No. | 5013339 T01 | S11778B TOI | | 61/4 DC | 8.86 | | 7. CIRC./COND | | | 16.0 | |
| NOZZLES(mm) | 3/12-2/16 | 3 X 16 | USED STRING STAB | 61/4 X 8 3/8 | 1.54 | | 8. HANDLE BHA | | | 39.0 | |
| DEPTH IN (m) | 1549 | 1618 | 9 X DC'S | 61/4 | 81.12 | | 9. CASE/CEMENT | | | 13.0 | |
| DEPTH OUT (m) | 1618 | 2074 | BICO JAR | 30 1/2 | 9.75 | | 10. WELLHEAD | | | 1.5 | |
| DRILLED (m. cum) | 69 | 456 | 3 X DC'S | 15 1/4 | 27.13 | | 11. BOPS/DIV | | | 31.5 | |
| HOURS (cum.) | 10.5 | 51.5 | 4 X HWDP | 6.25 X 4.25 | 36.13 | | 12. LOT | | | 1.0 | |
| GRADE | IN HOLE | 1-1-no-a-x-1-er-fig | | | | | 13. CORING | | | | |
| AVGE ROP (m/hr) | 6.5 | 8.8 | | | | | 14. LOGGING | | | | |
| WOB (mt) | 2-12 | 2-10 | | | | | 15. REAM/WASH | | | 17.0 | |
| RPM | 80-120 | 100 -120 | | | | | 16. FISH/STUCK | | | 94.0 | |
| JET VEL (m/sec) | | 182 | BHA LENGTH (m) | | 174.10 | | 17. LOSS CIRC | | | | |
| HHP @ BIT | | 54 | BHA WEIGHT (Klbf) | | 38 | | 18. KICK CONTROL | | | | |
| | | | STRING WEIGHT (Klbf) | | 154 | | 19. SIDETRACK | | | 89.5 | |
| SURVEYS: | DEPTH | DEVIATION | AZIMUTH | TVD | COMMENTS | | 20. RIG REPAIR | | | 13.0 | 36.0 |
| ST-13 | 1505 | 7.25 | 45 | 1,505 | SS | | 21. WELL TEST | | | | |
| ST-14 | 1525 | 9.5 | 50 | 1524 | SS | | 22. WO WEATHER | | | | |
| ST-15 | 1609 | 9.5 | 55 | | SS | | 23. WAIT -WOC | | | 6.5 | |
| ST-16 | 1762 | ~ | ~ | | Missrun | | 24. ABD./SUSPEND | | | | |
| ST-17 | 1896 | 3.75 | 43 | | SS | | 25. RIG SERVICE | | | 6.5 | |
| ST-18 | 2049 | 5.25 | 12 | | SS | | 26. SLIP/CUT LINE | | | 0.5 | 3.5 |
| | | | | | | | 27. OTHER [safety] | | | 0.5 | 8.0 |
| | | | | | | | COMPLETION | | | | |
| DRILLING TOOLS | SERIAL No. | CUM. HOURS | DRILLING DATA | | | TOTAL (HRS) | 24.0 | 744.0 | | | |
| | | | DRAG - UP (Klbf) | | 3 | | | 744.0 | | | |
| BICO JAR | DJ001 | 89.0 | DRAG - DOWN (Klbf) | | 3 | | | | | | |
| MONEL | K779 | 89.0 | TORQUE-On Bottom (Kft.lb) | | n/a | | | | | | |
| USED S STAB | T 2264 | 163.5 | TORQUE-Off Bottom (Kft.lb) | | n/a | | | | | | |
| WEATHER | WEATHER STATE | | RAINFALL (mm) | TEMP.(°C) | VISIBILITY (km) | WIND SPEED(kts) | OTHER | | | | |
| | clear | | | 3-15 | clear | 0-5 | cool | | | | |
| BULK STOCK | GEL(sx) | BARITE(sx) | CEMENT(sx) | DRILLWATER | | POT WATER | DIESEL FUEL | | | | |
| | 84 | 500 | | | | | 16,200 | | | | |
| PERSONNEL ON RIG | | | TRANSPORTATION | | | COMMENTS/REQUIREMENTS | | | | | |
| OPERATOR | 2 | | TRUCKS | LOAD | HOURS | | | | | | |
| DRILLING CONTRACTOR | 20 | | | | | 51/2 Casing xo to 1502 | | | | | |
| SERVICE COMPANYS | | | | | | Forklift down 18/5 | | | | | |
| Mud Logging Crew | 3 | | | | | No 2 pump down 21/5 | | | | | |
| Mud Engineer | 1 | | | | | No1 pump down 25/5 | | | | | |
| Cementers | 2 | | | | | | | | | | |
| Electric Logging Crew | | | | | | | | | | | |
| DST Crew | | | | | | | | | | | |
| OTHERS | | | | | | | | | | | |
| TOTAL | 28 | | | | | | | | | | |
| SUPERVISOR | D Hair | | ENGINEER | GR | RIG MANAGER | D.Pollard | | | | | |