

# Major Equipment Inventory

# RIG #18E

|                      |   |
|----------------------|---|
| <b>Move Loads:</b>   | <b>23 Summer, 24 Winter</b>   |
| <b>KB to Ground:</b> | <b>4.8 m (4.35 m clear with pony subs)</b>  |
| Drawworks:           | PREP 800 HP A/C powered by Baldor 596 kw A/C motor, 28.5mm Drilling Line, Disc Fail-Save /Park Brake  |
| Mud Pump:            | 2 - 1300 triplex powered by 1,000 kw AmeriMex A/C motor   |
| Substructure:        | Rigmaster single piece ST14 - 14.2 – 440H 177,920 daN casing & 155,700 daN setback capacity. Walking system compatible.                                   |
| Mast:                | Rigmaster free standing telescopic Model MT106-9.5-440H, SHL with 10 lines 195,700 daN, 4,600 meter drill pipe racking capacity                           |
| B.O.P. System:       | 1-229 mm x 35,000 kpa Spherical, 1-229 mm x 35,000 kpa Double Gate, 1-229 mm x 35,000 kpa Single Gate.<br>(Standard with Rig – alternate BOP's available) |
| Closing Unit:        | Neutron 680 liter 6 station 21,000 kpa PLC. Class V   |
| Tubulars             | Options available include 102mm 23.36 kg/m X95 and G105 drill pipe with NC40 connections, 102 mm HWDP, 120 mm to 228 mm drill collars.                    |
| Top Drive:           | Canrig 275T Model 6027AC, 40,700 Nm at 225 RPM, 81,300 Nm B/O   |
| Block/Hook:          | McKinney 250T Block Becket combination  |
| Pipe Handling:       | Canrig 3000 Hydraulic Catwalk/Laydown system, 9 x Pipe Tubs   |
| Rotary Table:        | Emsco 17.5, 444 mm opening, hydraulic drive for tool make up only   |
| Mud Tanks:           | 2 tank system with 110 m3 w/6 compartments, Poorboy degasser, and central mud system compatible.  |
| Shale Shakers:       | 2 – Brandt King Cobra   |
| Fuel & Water:        | 60 m3 fuel & 60 m3 water.   |
| Generator:           | 3- Cat C32 with 910 kw generators   |
| Driller Cabin:       | Joy Stick, touch screen controls  |
| Boiler:              | Williams & Davis 90 kw  |