

## **Treo Rig #24 Specifications**

- 2001 series hydraulic top drive drill rig capable of drilling to depth of 600 m
- Top drive rotation 0-120 rpm
- 5/8" two-line block hydraulic draw works
- Retractable breakout table
- Breakout wrench
- Range 3 casing capability
- Truck-mounted

### **RIG AND SUPPORTING EQUIPMENT**

#### **Substructure:**

- Hydraulic tilt ramp and lift
- Fully enclosed and heated cellar area
- Skid mount

#### **Generator Shack/Change Shack:**

- 200 kw generator

#### **Accumulator:**

- 21,000 kPa system
- Four bottles with two N<sub>2</sub> backup bottles
- 152 litres (40 U.S. Gallons)
- Four valves, remote station in doghouse

#### **Manifold:**

- Inspected and certified
- 21,000 kPa 89mm choke manifold (PVS)
- 152 mm degasser line

#### **Mud Tanks:**

- 20 m<sup>3</sup> capacity, three compartments
- Mixing shack with 4X3 Halco Electric mixing pump
- Swaco Mongoose shale shaker
- Pason tank monitors

#### **Mud Pump:**

- Emsco 300 Duplex pump, twin 671 Detroit diesels

#### **Boiler:**

- 80 hp self-contained boiler
- Skid mount

**Blowout Preventer Configuration:**

- Inspected and certified
- Class III 178 mm
- Class I 178 mm
- Class I or Class III 229 mm

**Coring Tub:**

- Christensen wireline coring system (maximum depth of 600 m)
- 4 5/8" core pipe
- 2 3/4" core in 3" plastic tubes or 3" core
- Heated core shack

**Air Package:**

- Two 950 cfm, 350 psi trailer-mounted compressors
- Air cyclone tank with flare stack (holds 20 m<sup>3</sup> of fluid)
- 4" flare pipe
- Two downhole float subs
- 178 mm or 229 mm RS diverter head

**Floc Tank:**

- 30 m<sup>3</sup> system

**Catwalk:**

- Fully automatic tub with pipe skate
- Two 6" 4H90 drill collars
- Four 4 3/4", 3 1/2" I.F. connection
- 600 m 3 1/2" I.F. drill pipe
- Range 3 casing racks

**Doghouse:**

- 16 m<sup>3</sup> water storage
- 9,000 litres fuel storage
- First aid station
- Pason with PVT and sidekick