

## Treo Rig #32 Specifications

### GENERAL INFORMATION

- Ingersoll Rand RD 20 top drive drill rig
- Range 3 capability
- 1,500 m depth rating, 55,000 daN pullback
- Top drive rotation 180 rpm, 3.5" I.F. connection
- Hydraulic elevators and bails
- Alco 10" Iron Roughneck with hydraulic slips

### Substructure:

- Hydraulic lift skid substructure
- Fully enclosed and heated cellar area

### Generator Shack/Change Shack:

- 200 kw generator

### Accumulator:

- 21,000 kPa system
- Six 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:

- 32 m<sup>3</sup> capacity, three compartments
- Mixing shack, two 5X6 Halco electric mixing pumps
- Swaco/Mongoose shale shaker
- Pason tank monitors

### Mud Pump:

- 7P50 National Triplex, 60 Series Detroit

### Boiler:

- 100 hp rental (Dupre)

### Blowout Preventer:

- Inspected and Certified
- Class III 229mm
- Class IA 229mm

**Coring Tub:**

- Christensen wireline coring system (maximum depth of 1,000 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:**

- Hydraulic skate type catwalk
- Six 6" 4H90 drill collars
- Six 4 3/4", 3 1/2" I.F. connection
- 1, 500 m 3 1/2" I.F. drill pipe
- Range 3 casing racks
- Two hydraulic pipe tubs

**Doghouse:**

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

**Rig Layout::**

