

Treo Rig #9 Specifications

GENERAL INFORMATION

- Ingersoll Rand RD20 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
- 1,250 cfm, 350 psi air compressor
- Hydraulic elevators and bails
- 18" rotary table w/slips
- Rotary pipe tongs
- Truck-mounted

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 N₂ 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 m³ capacity, three compartments
- Mixing shack 4X3 Halco electric mixing pump
- Black Thunder linear 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 (max. 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 950 350 psi compressors on a trailer
- Air cyclone tank with flare stack (holds 20 m³ of fluid)
- 4" flare pipe
- Two downhole float subs
- 178 mm or 229 mm RS diverter head

Floc Tank:

- 30 m³ system

Catwalk:

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

Doghouse:

- 32 m³ water storage
- 9,000 litre fuel storage
- First aid station
- Pason with PVT and side kick