

Treo Rig #4 Specifications

General Information:

- Top drive drill rig
- Maximum depth 750 m
- 750 m wireline
- Derrick length 13.71 m
- Range 2 casing (maximum 12 m)
- Pason with sidekick and tank monitors
- Fuel storage of 9,000 litres
- Rig water storage of 11 m³
- 16,000 daN pullback
- Single pipe loader arm (less than 1 min. connections)
- Push shack, doghouse, pipe tub and generator on trailers

Substructure:

- Skid unit with pullout ramp
- Fully enclosed and heated cellar area

Generator/Change Shack:

- 200 kw generator

Accumulator:

- 21,000 kPa system
- Four 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:

- 30 m³ mud system
- Mixing shack 4X3 Halco electric mixing pump
- DFTS linear Model 500 shale shaker
- Pason tank monitors

Mud Pump:

- Emsco D-375 powered with Detroit 12v92

Boiler:

- 60 hp self-contained boiler on skid

Blowout Preventer:

- Inspected and certified
- Class II 178 mm to 750 m
- Class I 178 mm or 229 mm

Coring Van:

- Christensen wireline coring system (maximum depth of 700 m)
- 4 5/8" core pipe
- 2 3/4" core in 3" plastic tubes or 3" core
- Drill ahead system available

Air Package:

- Two 950 cfm, 350 psi trailer-mounted compressors
- Air cyclone tank with flare stack (holds 20 m³ of fluid)
- 4" flare pipe
- Two downhole float subs
- 7" or 9" RS diverter head

Floc Tank:

- 30 m³ system