Treo Rig #5 Specifications

General Information:
- Dresser T70W tandem drill rig, maximum depth 1,000 m
- Hydraulic top drive 5,000 ft-lb torque, 3½" I.F. connection
- Top drive rotation 0-120 rpm
- 5/8" four-line block hydraulic draw works
- 18" rotary table with slips
- Rotary pipe tongs
- Range 2 casing capability (11 m)
- Truck-mounted

Substructure:
- Skid unit with hydraulic tilt ramp and lift
- Fully enclosed and heated cellar area

Generator/Change Shack:
- 200 kw generator

Accumulator:
- 21,000 kPa system
- Four bottles with two N_2 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 m^3 capacity, three compartments
- Mixing shack 4X3 Halco electric mixing pump
- DFTS linear Model 500 shale shaker
- Pason tank monitors

Mud Pump:
- National 7P50 Triplex, 60 Series Detroit

Boiler:
- 80 hp self-contained boiler on skid

Blowout Preventer:
- 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 1,000 m)
- 4 5/8'' core pipe
- 2¾" 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^3 of fluid)
- 4" flare pipe
- Two downhole float subs
- 178 mm or 229 mm RS diverter head

Floc Tank:
- 30 m^3 system

Catwalk:
- Hydraulic fully automatic with pipe skate
- Two 6" 4H90 drill collars
- Four 4¾", 3½" I.F. connections
- 1,000 m 3½" I.F. drill pipe
- Range 1 or 2 casing racks

Doghouse:
- 16 m^3 water storage
- 9,000 litre fuel storage
- First aid station
- Pason with PVT and sidekick