

2000 HP Diesel SCR Electric Drilling Rig

Drawworks

1320-UE National Style, grooved for 1-1/2" drill line with Two (2) remanufactured 752 Type series wound DC traction motors with Eaton, Wichita or 7838 Baylor Auxiliary brake.

Mud Pumps

Two (2) 1600 HP packages each with master skid, two (2) remanufactured 752 series wound DC traction motors, drive sheaves, belts, belt guards, charge pump and liner wash system.

Rig Power & Controls

3X4 SCR System with 1000 KVA main transformer, 150 KVA lighting transformer and adequate MCC to operate the rig.

Three (3) Caterpillar 3512C 1476HP diesel engines each with Caterpillar SR4B, 1750 KVA generator and radiator. Each generator set to be packaged on a 10' wide x 40' long master skid with roof, muffler, etc.

Two (2) 50 HP compressors, cold start, air dryer and two (2) volume tanks to be included.

Analog Rig Instrumentation, Electronic Mud Monitoring, Gas Detection and Gai-Tronics communication system.

Mast

152', 1,000,000#SHL with crown containing six (6) main cluster sheaves and one (1) fastline sheave. Mast to include racking board and winch, counter weight, raising lines, standpipe, standpipe manifold, etc.

Substructure

30' High Self-Elevating, 1,000,000# casing, 600,000# setback, complete with two (2) sets of stairs from drill floor to ground, one (1) set of stairs from drill floor to water tank, v-door, catwalk, mousehole and rathole.

Mud System

2000 BBL, 4-tank mud system complete with twelve (12) agitators, four (4) 8X6 centrifugal pumps with 100 HP motors, 2- Linear Shakers, 2-Cone Desander, 16-Cone Desilter, Vacuum Degasser and two (2) mixing hoppers.

Tanks & Houses

Drill Water/Trip Tank Combination, Fuel Tank, Mech/Elec Workshop and Doghouse

Miscellaneous

500T Block/Hook Combo, 500 Ton Swivel, 37.5" Rotary Table, Choke Manifold and Mud/Gas Separator/Trip Tank Skid, 6-Station Closing Unit, 13-5/8", 10,000# Double, Single and Annular BOP, Drill line spooler with drill line, Two (2) Air hoisting winches. Rig to be completely rigged up and tested.

Optional

500 Ton AC Electric Top Drive with VFD Drive/TD CIP in SCR house, Power Catwalk, Iron Roughneck, Skidding System, Rig-up/Safety Equipment, Fishing Tools, Rig Spares, Drill Pipe, Handling Tools and Camps

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