

# 3000 HP Diesel Electric Land Rig

## Drawworks

National 1625, 3000 HP, grooved for 1-1/2" drill line with three (3) refurbished G.E. 752 series wound DC traction motors, Baylor 7838 Auxiliary Brake, make-up and break-out catheads.

## Mud Pumps

Three (3) Weatherford MP-16, 1600 HP packages each with master skid, two (2) refurbished G.E. 752 series wound DC traction motors, drive sheaves, belts, belt guards, charge pump, liner wash system, etc.

## Mast

152', 1,500,000#SHL with crown containing seven (7) main cluster sheaves and one (1) fastline sheave. Mast to include racking board, raising lines, etc.

## Substructure

30' High Self-Elevating, 900,000# 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, mousehole and rathole.

## Rig Power

IDS 5X5 SCR System/Control House with 1000 KVA main transformer, 225 KVA lighting transformer and adequate MCC to operate the rig.

Five (5) Caterpillar 3512C diesel engines each with Caterpillar SR4, 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) 30 HP compressors, cold start, air dryer and two (2) volume tanks to be included.

## Mud System

2500 BBL., 5-tank mud system complete with sixteen (16) 10 HP agitators, five (5) 8X6 centrifugal pumps with 75 HP motors, 3- Linear Shakers, 2-Cone Desander, 16-Cone Desilter, Vacuum Degasser and mix hopper.

## Miscellaneous

Driller's Side Doghouse

Parts/Change House

650/500-Ton hook block combo

650 Ton Swivel

37.5" Rotary Table

Deadline Anchor & Rig console with instrumentation.

BOP Trolley Beams & Hoists

Piperacks

Brake Cooling Tank with two (2) 3X2 pumps with 25 HP motors and heat exchanger.

Choke Manifold and Mud/Gas Separator (Poor-Boy)

6-Station Closing Unit

Fuel Tank with transfer pumps

Water Tank/Trip Tank combo with pumps

Five Star Wireline Unit

Air powered drill line spooler with drill line

Rig to be completely rigged up and tested.

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