

# 1500 HP Diesel Electric Land Rig

## Drawworks

NOV 1500-UE, 1500 HP, grooved for 1-3/8" drill line with two (2) new 752 Type series wound DC traction motors and Baylor Type 6032 Auxiliary Brake.

## Mud Pumps

Two (2) Weatherford MP-16, 1600 HP packages each with master skid, two (2) remanufactured 752 DC series wound traction motors, drive sheaves, belts, belt guards, charge pump and liner wash system.

## Mast

DSI 142', 750,000#SHL with crown containing six (6) main cluster sheaves and one (1) fastline sheave. Mast to include racking board, raising lines, etc.

## Substructure

DSI 30' Box-On-Box, 750,000# casing, 400,000# setback, complete with two (2) sets of stairs from drill floor to ground, one (1) set of stairs from drill floor to mud system, v-door, mousehole and rathole.

## Rig Power

Omron 3x4 SCR System/Control House with 750 KVA main transformer, 150 KVA lighting transformer and adequate MCC to operate the rig.

Three (3) 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) 25 HP compressors, cold start, air dryer and two (2) volume tanks to be included.

## Mud System

1500 BBL., 3-tank mud system complete with eight (8) 10 HP agitators, four (4) 8X6 centrifugal pumps with 75 HP motors, 2- Linear Shakers, 2-Cone Desander, 16-Cone Desilter, Vacuum Degasser and mix hopper.

## Miscellaneous

Driller's Side Doghouse

Change/Parts House

400-Ton block, hook and swivel

27.5" Rotary Table

Deadline Anchor

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

Choke Manifold and Mud/Gas Separator

6-Station Closing Unit

Fuel Tank with transfer pumps

Water Tank/Trip Tank with pumps

Five Star Retriever Wireline Unit

Air powered drill line spooler with drill line

Rig to be completely rigged up and tested in Houston, Texas.

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