

**DRAWWORKS:**

Gardner Denver 1500-E (2000HP)
(2) GE 752 Standard-Torque drilling DC drilling motors, NOV Baylor 7838 auxiliary brake

POWER:

(4) Caterpillar 3512-B engines with Kato 1260 KW AC synchronous generators

SCR SYSTEM:

International Electric Company Systems (IPS)
4x4 (2000HP) SCR house w/ GE evolution
9000 MCC

MAST:

Superior Derricks 142' w/ 1,000,000# capacity on 12 lines

SUBSTRUCTURE:

26' Superior box-on-box substructure
1,000,000# rotary table supporting capacity
800,000# pipe setback load capacity

WALKING SYSTEM:

OWI Stealthwalker multidirectional rig walking system.

BLOCK HOOK:

National G-650 650 ton w/ becket

PUMPS:

(3) HHF-1600 (1600HP) triplex pumps powered by (2) GE 752 traction motors w/ 7500 psi fluid ends

MUD PITS

(3) tank system – 1600 bbl w/ 70 bbl slug pit

SOLIDS EQUIPMENT:

(3) Derrick Hyperpool shale shakers
(1) Derrick 2-cone desander
(1) Derrick 16-cone desilter
(7) mud agitators
(1) Derrick vacuum degasser
(1) 4' x 20' mud gas separator

BOP'S:

13 5/8" x 5,000 psi Hydril GK Annular
13 5/8" x 10,000 psi Cameron Type U double
13 5/8" x 10,000 psi Cameron Type U single

BOP Handler:

Oilworks BOP skidding system

ACCUMULATOR:

CPC 10 station accumulator

CHOKE MANIFOLD:

10,000 psi choke manifold

TOP DRIVE:

CANRIG 1250AC-681 (500 ton)
-1150 hp AC Electric Drive
-7500 psi integrated swivel
-Max Drilling Torque = 51,400 ft-lb
-Max Breakout Torque = 95,000 ft-lb
-Maximum Speed = 265 rpm
-Rockit & Revit compatible

ROTARY TABLE:

National (49 1/2") w/ (37 1/2") insert bushings

PIPE HANDLING:

Forum FloorHand FH-80
NOV PipeCat laydown system

DRILL PIPE:

12,000' 5 1/2" 24.70 PPF S-135 HT-55 drill pipe

AUXILIARY EQUIPMENT:

PASON EDR (base system)
Fuel Tank – 10,500 gallon capacity
Water Tank – 500 bbl capacity
Rig Manager and Crew Quarters
(2) air hoists (10,000# capacity each)
Drill pipe spinner
Top drive Supervisor