



HOISTING, ROTATING & PIPE-HANDLING EQUIPMENT

Drawworks	National 110-UE rated @ 1500 hp driven by (2) GE 752 DC traction motors rated @ 1000 hp
Auxiliary Brake	Baylor 6032 eddy current brake
Rotary Table	National C-275 (27-1/2") chain-driven by drawworks
Traveling Block	Skytop Brewster TB-506 (500 ton)
Hook	None
Top Drive	Varco TDS-11SA (500 ton) rated @ 800 hp
Iron Roughneck	Varco ST-80
Hydraulic Catwalk	CanRig PowerCAT 3000

MAST & SUBSTRUCTURE

Mast Design	DSI Cantilever
Height	142'
Load Rating	767k# Static Hook Load (12 lines)
Racking Capacity	22,680'+ 5" DP
Substructure Design	DSI Box-on-Box
Floor Height	30'
Clear Height	26'
Load Ratings	750k# Casing / 600k# Setback

TRANSPORT

Estimated Loads	42 (less tubulars)
------------------------	--------------------

POWER PACKAGE

Engines	(4) Cat 3512 rated @ 1476 hp
Bi-Fuel	N/A
Generators	(4) Kato 6P6-3150 rated @ 1204 kW / 1720 kVA / 0.7 pf
SCR System	Omron w/ (4) generator bays, (4) SCR bays and (10) sections Allen-Bradley MCC

BOP EQUIPMENT

Annular	Hydril 13-5/8" 5M GK
Single Ram	Cameron 13-5/8" 10M Type U
Double Ram	Cameron 13-5/8" 10M Type U
Accumulator	Shaffer 7-station / 220 gallon
Choke Manifold	Cameron 4-1/16" 10M
Mud/Gas Separator	Summit 4'OD x 20'L
BOP Handler	Veristic Technologies BHT-G6
BOP Winches	(2) JD Neuhaus Profi-20T (20 ton)

STORAGE CAPACITIES

Drilling Water	1,000 bbl
Diesel	21,000 gallons

MUD SYSTEM

Mud Pumps	(3) HongHua HHF-1600 triplex rated @ 1600 hp / 7500 psi, each driven by (2) GE 752 DC motors rated @ 1000 hp
Charging Pumps	(2) 6x5x14 @ 60 hp / 1200 rpm (1) 6x5x14 @ 50 hp / 1200 rpm
Process Pit	(640 bbl) five-compartment w/ (3) 10 hp mud agitators
Suction Pit	(620 bbl) four-compartment w/ (5) 10 hp mud agitators
Auxiliary Premix Pit	N/A
Trip Tank	(128 bbl) one-compartment w/ (1) 10 hp mud agitator
Trip Tank Pump	4x3x13 @ 30 hp / 1200 rpm
Shale Shakers	(2) Brandt King Cobra linear-motion
Degasser	NOV D-1000-C vacuum style
Desander	NOV 3-cone / 10"
Desander Pump	8x6x14 @ 100 hp / 1200 rpm
Desilter	NOV 20-cone / 4"
Desilter Pump	8x6x14 @ 100 hp / 1200 rpm
Mud Mixing Pumps	(2) 8x6x14 @ 100 hp / 1200 rpm

TUBULARS

Drill Pipe	5" 19.50# G-105 5" 19.50# S-135 5" HWDP
Drill Collars	As needed for normal drilling ops

PAD DRILLING (OPTIONAL EQUIPMENT)

Rig Walking System	Veristic Technologies Rig Walker rated @ 2.4MM lbs lift and X-Y-Z axis walking capability with full setback load
Pad Capability	(1) row of (15) wells on 10' spacing (1) row of (8) wells on 20' spacing (1) row of (5) wells on 30' spacing