



HOISTING, ROTATING & PIPE-HANDLING EQUIPMENT

Drawworks	Oilwell 860-ME rated @ 1400 hp driven by (2) GE 752 DC traction motors rated @ 1000 hp
Auxiliary Brake	NOV DM336 friction brake
Rotary Table	Continental Emsco T-2750 (27-1/2") chain-driven by drawworks
Traveling Block	Dreco 650TB-400 (400 ton)
Hook	N/A
Top Drive	Varco TDS-11SA (500 ton) rated @ 800 hp
Iron Roughneck	Varco ST-80 "Iron Roughneck" powered by Aberdeen Dynamics
Hydraulic Catwalk	NOV PipeCat PC-5-47

MAST & SUBSTRUCTURE

Mast Design	Continental Emsco CRLR-142
Height	142'
Load Rating	900k# Static Hook Load (12 lines)
Racking Capacity	24,948'+ 5" DP
Substructure Design	Continental Emsco CRLR-27
Floor Height	27'
Clear Height	23'-9"
Load Ratings	900k# Casing / 600k# Setback

TRANSPORT

Estimated Loads	42 (less tubulars)
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POWER PACKAGE

Engines	(3) Cat 3512C rated @ 1476 hp
Bi-Fuel	N/A
Generators	(3) Kato 6P6-3150 rated @ 1204 kW / 1720 kVA / 0.7 pf
SCR System	Omron w/ (3) generator bays, (4) SCR bays and (10) sections Allen-Bradley MCC

BOP EQUIPMENT

Annular	NOV/T-3 13-5/8" 5M 7022
Single Ram	NOV/T-3 13-5/8" 10M 6012
Double Ram	NOV/T-3 13-5/8" 10M 6012
Accumulator	Koomey 6-station / 200 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) Gardner Denver PZ-11 triplex rated @ 1600 hp / 7500 psi, each driven by (2) GE 752 DC motors rated @ 1000 hp
Charging Pumps	(2) 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	(3) 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