

Unit Rig 152

Hoisting and Rotating

Drawworks	Brewster NE-95A (1,700 hp) powered by 2-GE 752 traction motors
Auxiliary Brake	Eaton 336 WCBD
Rotary Table	Gardner Denver with a 27-1/2" opening
Traveling Block	Gardner Denver (400 ton)
Swivel	TFL SL-450 (500 ton)
Top Drive	Tesco ECI 900 (500 hp, 500 Ton, electric)
Rotating Mousehole	Access Oil Tools Phantom

Power Package

Control House	Etsco 4 - SCR 3 -Gen
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Well Control

Annular	13 5/8" Shaffer Spherical 5,000 psi
Double Ram	13 5/8" Cameron Type U 10,000 psi
Single Ram	13 5/8" Cameron Type U 10,000 psi
Accumulator	Reedy 5 Station 132 gallon capacity
Choke Manifold	4" x 4" 10,000 psi

Mud System

Mud Pump 1	Jieneng F-1600 (1,600 hp) powered by 2-GE 752 traction motors
Mud Pump 2	Rhino RSF-1600 (1,600 hp) powered by 2-GE 752 traction motors
Mud Pits	2-pit system (1,000 bbl) with 4 agitators 170 bbl premix pit built into suction
Shale Shakers	2-Derrick FLC-503
Desander	Derrick (2 - 8" cones)
Desilter	Derrick (10 - 4" cones)
Degasser	Atmospheric
Separator	6' x 14'
Trip Tank	150 barrels

Structural

Mast	Lee C. Moore 142' 1,000,000 pounds static hookload on 12 lines
Substructure	Lee C. Moore box on box 25' floor height

Fluid Storage

Diesel Tank	1-tank 14,101 gallon total capacity
Water Tank	2-tank 800 bbl total capacity

Tubulars

Drill Pipe	5"
Drill Collars	6-1/4" , 8" , nominal sizes

Miscellaneous

Rig Moving System	Woolslayer Skidding System (400 ton)
BOP Handling System	JD Neuhaus (40 Ton)
Pipe Spinner	OWI 35C7
Air Compressor	2-Sullivan Palatek 50 DG 50hp
Survey Instrument	Fivestar Retriever wireline unit