

RIG #27 | 1500 HP

Drilling Rig Specifications

HOISTING & STRUCTURE

Drawworks	Gardner Denver 1100 p/b (2) 752 GE 1000HP Traction Motors
Auxiliary Brake	6032 Elmago Electric Brake
Hoisting Capacity	—
Mast Type	Full Circle 152' 770,000# SHL on 12 Lines
Hook Load	770,000#
Racking Capacity	—
Substructure Type	Full Circle (Hydraulic Raised) 30' Floor 27'5" Clearance
Clear Height	27' 5"
Load Ratings	770,000# Rotary / 477,000# Setback / 1,200,000# Total
Rig Walking System	—
Pad Capacity	—

ROTATING & TRAVELING EQUIPMENT

Rotary Table	27 1/2"
Travelling Block	—
Top Drive	500 Ton
Iron Roughneck	—
Hydraulic Catwalk	—

POWER PACKAGE

Engines	(4) Cat 3512 Diesel
Diesel	Yes
Bi-Fuel	No
Generators	(4) 1225 KW SR4 Generators
SCR Systems	4-Bay SCR System

BOP EQUIPMENT

Annular	Hydril 13 5/8" 5000 psi
Single Ram	13 5/8" 10,000 psi Single Ram
Double Ram	13 5/8" 10,000 psi Double Ram
Accumulator	(5) Station 200 Gal w/ Remote Control
Choke Manifold	4 1/16" x 3 1/16" 10,000 psi
Mud/Gas Separator	Included

TUBULARS

Drill Pipe	5" 19.50# G-105
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Drill Collars	8"x2-13/16" and 6-1/2"x2-1/4"
MUD SYSTEM	
Mud Pumps	(3) 1600HP Triplex 7500 PSI Fluid Ends
Fluid Ends / Delivery	7500 PSI
Charging Pumps	(2) GE 752 per Pump
Process Pit	—
Suction Pit	—
Trip Tank	100 BBL
Trip Tank Pump	25HP Cent. Pump
Drilling Water	500 BBL
SOLIDS CONTROL	
Shale Shakers	(2) Derrick Dual Motion
Degasser	Derrick Vacuum Degasser
Desander	Derrick 2-Cone
Desander Pump	—
Desilter	Derrick 12-Cone
Desilter Pump	—
Mud Mixing Pumps	(2) Quincy 30HP Rotary Screw
TRANSPORT	
Estimated Loads	—