

Land Drilling Profile / Rig-23

Premier Drilling Company
Private Limited.



Pyramid
Manufacturer

Cantilever LO-LIFT
Basic Design

Diesel Electric SCR
Rig Type

1976/2016
Year Built / Last Upgrade

20 / 6.1 ft/m
Clear Height Below Rotary / Work Floor

10000 psi
BOP Stack Rating

156 / 47.5 ft/m
Mast Height

1,000,000 lbs.
API Static Hook Load Capacity

20,000/6096 ft/m
Rated Drilling Depth

1,000,000 lbs.
Setback Capacity

2000 hp
Rating

5000 psi
System Pressure Rating

SYSTEMS & CAPACITIES

Hoisting System:

Drawworks Gardner Denver 2100 E, 2000
HPTwo (02) x GE 752 DC motors
Mechanical & Aux Brake (Baylor 7838)
Mast: 156 ft Pyramid
Cantilever 500 Ton
Crown Block: Pyramid 1,000,000 lbs.
Six (06) + One (01) x 60" sheaves
550 T Gardner Denver Travelling Block
Drill Line: 1-1/2", IWRC, 6 x 19
Hook
Swivel: National P-400

Well Control Equipment

Blow-out Preventer:
13-5/8" - 10K stack
21-1/4" - 2K annular with 20-3/4" - 3K Double
Ram
Choke Manifold - 10,000 psi
Accumulator Unit: 32 bottles
3,000 psi

Circulation System

System Pressure Rating: 5,000 psi
Mud Tank Capacity: 3,300 bbl. - each mud tank
equipped with agitator
03 x 1600 HP Gardner Denver PZL-11 Mud Pump
Each Mud pump - Two (02) x GE 752 800 HP DC
Motor, Liner size: 5-1/2" - 7".

Rotating System

Top Drive System: TDS - 11S
800 HP, 500 Ton
Integrated Swivel
Rotary Table: National 37-1/2" "C-375"

Power System

Diesel - Electric Land Rig 4 x MTU Detroit 1480
HP engines 4 x 1720 kVA KATO Generators M&I
Power Control Room (5 x 5 Gen/SCR controls)
Voltage: 600/460/220 volts (DC Sunt System)

Solids Control Equipment

Three (03) x Derrick Hyper pool Shale Shakers
Derrick Mud Cleaner
Three (03) x 10" Desander cones Derrick
16 x 4" Desilter cones Derrick
Derick Vacuum degasser

Storage Capacities

Active Mud System: 840 bbl.
Reserve Mud System: 2100 bbl.
Water Storage: 1000 bbl.
Diesel Storage: 800 bbl.

Moving Lods & Living Capacities

Rig Move Loads: 160
Main & Mini Camp available
Main Camp:
Two (02) * CAT C-15 & CAT 3456

Safety & Compliance

Compliance with: American Petroleum
Institute (API) standards.
Last Major Inspection (CAT III/IV):
Certification Status:
HSE Management System: Implemented /
Certified

Accommodation & Support

Camp Capacity: 120 Personnel
Offices: R/M, CM, PMS, Mud Eng. HSE
Workshop Facilities: Yes

MILESTONE Last 10 Years

