



MIDCO 501

1500 HP Drilling Rig

RATED DRILLING DEPTH:

5500 m with 5" D.P.

SUBSTRUCTURE:

Height: 9.14 m (30 ft)

Height under rotary beams: 8.23 m (27 ft)

Set Back: 272 mt

MAST:

Dreco 43.28 m (142 ft)

Capacity: 500 mt

CROWN BLOCK:

No of sheaves: 6+1

Grooved: 1 3/8"

Capacity: 500 mt

TRAVELLING BLOCK & HOOK:

McKissick-684G & JOY-550

Capacity: 500 mt

SWIVEL:

Oilwell PC 500

Capacity: 454 mt

DRAWWORKS:

Mid Continent U914EC 1500 HP, 2 x GE 752 R, 750 kW each

TOP DRIVE:

Aker Maritime Hydraulic PTD 500 AC

Capacity: 454 mt

ROTARY TABLE:

National-Oilwell B-27 1/2, 27 1/2"

Capacity: 454 mt



POWER PLANT:

Diesel Engines: 5x Cat D 399, 930 kW each

Generators: AC, 5 x Kato Engineering, Total output power 5790 kVA

CONVERSION SYSTEM:

Ross Hill AC-DC Type 1400

No of SCRs: 4

MUD SYSTEM:

Mud Pumps: 3 x Emsco FB 1300, each pump powered by 2 x GE 752 R, 660 kW each

Mud Tanks: 6, Total capacity: 450 m³

Water Tanks: 2, Total capacity: 160 m³

Shale Shaker: 2 x Derrick FLC 2000

Mud Cleaner: Secondary Shale Shaker, Hungary made

Desander: Double Life 2 x 10"

Desilter: Brandt SMC-16 16 x 4"

Mud/Gas Separator: Atmospheric

Degasser: Swaco, Vacuum