



EMSCO 604

2000HP Drilling Rig

RATED DRILLING DEPTH:

6000 m with 5" D.P.

SUBSTRUCTURE:

Height: 2.62 m (25 ft)
Height under rotary beams: 6.1 m (20 ft)
Set Back: 285 mt

MAST:

Pyramid 47.55 m (156 ft)
Capacity: 454 mt

CROWN BLOCK:

No of sheaves: 6+1
Grooved: 1 3/8"
Capacity: 544 mt

TRAVELLING BLOCK & HOOK:

Emsco RA-52-6 & BJ H5500
Capacity: 454 mt

SWIVEL:

Emsco LB 650
Capacity: 590 mt

TOP DRIVE:

VarcoTDS-9S
Capacity: 400 mt

DRAWWORKS:

Emsco C-2 II 2000 HP, 2 x RK 2 IVUE 423, 660 kW each

ROTARY TABLE:

Emsco T-3750, 37 1/2"
Capacity: 590 mt



POWER PLANT:

Diesel Engines: 5 x Cat D 3512, 1030 kW each
Generators: AC, 5 x Cat SR-4, 1500 kVA each

CONVERSION SYSTEM:

General Electric AC-DC Powerdrill 2000
No of SCRs: 9

MUD SYSTEM:

Mud Pumps: 3 x National 12-P-160, each pump powered by 2 x RK 2 IVUE 423, 660 kW each
Mud Tanks: 10+3, Total capacity: 635 m³
Water Tanks: 3, Total capacity: 120 m³
Shale Shaker: Derrick Single Flo Line 58, Brandt Dual VSM 300
Mud Cleaner: Brandt Dual Double
Desander: Pioneer T 6 x 6"
Desilter: Pioneer T 14 x 4"
Mud/Gas Separator: Atmospheric
Degasser: Swaco, Vacuum