



EMSCO 401

1500 HP Drilling Rig

RATED DRILLING DEPTH:

4000 m with 5" D.P.

SUBSTRUCTURE:

Height: 8.23 m (27 ft)

Height under rotary beams: 6.86 m (22.5 ft)

Set Back: 250 mt

MAST:

Pyramid 44.5 m (146 ft)

Capacity: 250 mt

CROWN BLOCK:

No of sheaves: 5+1

Grooved: 1 1/4"

Capacity: 350 mt

TRAVELLING BLOCK & HOOK:

Ideco UTB-360

Capacity: 327 mt

SWIVEL:

Emsco LB 400

Capacity: 363 mt

TOP DRIVE:

Tesco HS 500

Capacity: 454 mt

DRAWWORKS:

Emsco C-I II1500 HP, 2 x DC GE 752, 750 kW each

ROTARY TABLE:

Emsco T-2750, 27 1/2"

Capacity: 454 mt



POWER PLANT:

Diesel Engines: 4 x Cat D 3512, 4 x 1368kW

Generators: AC, 4 x Cat SR-4, 1500 kVA each

CONVERSION SYSTEM:

Siemens

No of SCRs: 7

MUD SYSTEM:

Mud Pumps: 2 x EWECO EFB 1600, each pump powered by

2 x DC 5 GE 752 AR, 750 kW each

Mud Tanks: 5, Total capacity: 310 m³

Water Tanks: 2, Total capacity: 50 m³

Shale Shaker: 2 x Brandt King Cobra

Mud Cleaner: Brandt King Cobra

Desander: Swaco T 2 x 12"

Desilter: Swaco T 14 x 4"

Mud/Gas Separator: Atmospheric

Degasser: Swaco, Vacuum