



INTEGRATED DRILLING&WELL SERVICES Co., Ltd,
A MEMBER OF THE **UMA** GROUP

EMSCO 603

2000HP Drilling Rig



RATED DRILLING DEPTH:

6000 m with 5" D.P.

SUBSTRUCTURE:

Height: 7.62 m (25 ft)
Height under rotary beams: 5.79 m (19 ft)
Set Back: 272 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:

Aker Maritime PTD 500 AC
Capacity: 454 mt

DRAWWORKS:

Emsco C-2 II 2000 HP, 2 x GE 752 R, 750 kW each

ROTARY TABLE:

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

POWER PLANT:

Diesel Engines: 4 x Cat D 3512, 1030 kW each, Cat 399, 750 kW for TD
Generators: AC, 4 x Cat SR-4, 1500 kVA each, AC Uljanik, 1360 Kva

CONVERSION SYSTEM:

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

MUD SYSTEM:

Mud Pumps: Emsco FB 1600, EWECO EFB 1600, each pump powered by 2 x GE 752 R, 660 kW each
Mud Tanks: 7, Total capacity: 244 m³
Water Tanks: 4, Total capacity: 160 m³
Shale Shaker: 3 x Derrick Single Flo Line 58
Mud Cleaner: Brandt Dual Tandem
Desander: Pioneer T 2 x 12"
Desilter: Pioneer T 14 x 4"
Mud/Gas Separator: Atmospheric
Degasser: Swaco, Vacuum