



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

EMSCO 401

1500HP 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: 280 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 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, 1030 kW each
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, 600 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