NATIONAL 402
1000 HP Drilling Rig

RATED DRILLING DEPTH:
4000 m with 5" D.P.

SUBSTRUCTURE:
Height: 7.62 m (25 ft)
Height under rotary beams: 5.79 m (19 ft)
Set Back: 200 mt

MAST:
L.C. Moore 44.5 m (146 ft)
Capacity: 280 mt

CROWN BLOCK:
No of sheaves: 5+1
Grooved: 1 1/4"
Capacity: 300 mt

TRAVELLING BLOCK & HOOK:
Iudeco UTB-360 & Web Wilson H-250
Capacity: 326 mt

SWIVEL:
Emsco LB-400
Capacity: 363 mt

TOP DRIVE:
TESCO MS 500
Capacity: 454 mt

DRAWWORKS:
National 80-UE 1000 HP, 2 x GE 752 R, 750 kW each

ROTARY TABLE:
Emsco T-2750, 27 1/2"
Capacity: 454 mt

POWER PLANT:
Diesel Engines: 4 x Cat 399, 930 kW each, 1 x Cat 399 for TD
Generators: AC, 4 x Končar 4SB 1002-6,1350 kVA each

CONVERSION SYSTEM:
Siemens Helb 3124/6
No of SCRs: 7

MUD SYSTEM:
Mud Pumps: 2 x National 12-P-160, each pump powered by 2 x GE 752 R, 660 kW each
Mud Tanks: 5, Total capacity: 342 m³
Water Tanks: 2, Total capacity: 120 m³
Shale Shaker: 2 x Thule Rigtech VSM 100
Mud Cleaner: Brandt Dual Tandem
Desander: Pioneer T 2x12"
Desilter: Pioneer T 14x4"
Mud/Gas Separator: Atmospheric
Degasser: Vacuum