

DRECO – 1000HP

- 1) DRAWWORKS:**
- Horsepower Rating: - Dreco Superior 1000m
 - Maximum Hoisting Capacity: - 1000 H.P.
 - Auxiliary Brake: - 270 Ton (240,000 daN with 10 lines)
 - Crown Block Protection: - 2-Parmac V-80 Hydromatic
 - Barber – Crown – O – Matic
- 2) PRIME MOVER (DRAWWORKS):**
- Output Horsepower rating: - 2 Cat 3408C-DITA
 - Emergency Shut-Down: - 1010 (2 – 505 H.P.)
 - (Pumps): - Barber/RODA
 - Output Horsepower: - 2 Cat D-398TA with Barber Type Shut-Downs
 - 1820 H.P. (2 @ 910 H.P.)
- 3) AIR COMPRESSORS:**
- Type: - Gardner Denver
 - Both may be matched w/ location air use: - Screw – 1 GD SC4EW (E) / Piston – 1 Quincy 350-21 (M)
 - No, 1-Electric Driven, 1 Compound Driven
- 4) ROTARY TABLE:**
- Maximum Table Opening: - Oilwell B-275
 - Maximum Static Load: - 700 mm (27-1/2")
 - Torque Gauge: - 500 T (445,000 daN)
 - RPM Gauge: - Totco
 - Totco
- 5) DERRICK:**
- Static Hook Load w/ Lines of: - Dreco M13318-600B
 - Racking Capacity: - 193 T (190,700 daN) with 10 lines
 - Clear Working Height: - 128 STD Drill Pipe of 5"
 - Wind Capacity (Bare Mast): - 40.5m (133 feet)
 - Wind Capacity (Full Set-Back): - 100 MPH (160 km/hr)
 - 84 MPH (135 km/hr)
- 6) SUBSTRUCTURE:**
- Casing Load: - Dreco Slingshot – Floor Ht. 6.1m
 - Minimum Clear Working Height: - 191 Tonne (425,000 lbs.)
 - Set Back Capacity: - 4.9 m (approximately)
 - 159 Tonne (350,000 lbs)
- 7) TRAVELLING EQUIPMENT:**
- Crown Block: - Dreco 5-42" & 1-50" Sheaves
 - Travel Block: - Gardner Denver 300T / 5 Sheaves (267,000 daN)
 - Hook: - WEB Wilson 250 T (225,000 daN)
 - Links: - King 350T / 108" Length (311,500 daN / 2743mm)
 - Swivel: - Emsco LB 400 – Rated @ 400 Tonne (365,000 daN)
- 8) DRILLING LINE:**
- Drilling Line Diameter: - 31.5 mm (1-1/4")
 - Type: - WRC – IPS
 - Strength Capacity: - 71,000 daN (79.9T)

9) DEAD LINE ANCHOR:

Weight Indicator: - Totco
Hydraulic Sensor: - Totco
Line Scale Weight Indicator: - Cameron C

10) AIR HOIST HYDRAULIC WINCH:

Type: - Pullmaster PL8 (Hydraulic)
Load: - 7000 Lbs (3115 daN)
No: - 2-1 Tugger, 1- Boom Line

11) MUD PUMP:

No/Make/Model/Type – Pumps: - 2 Gardner Denver PZ8 Triplex
Power Rating: - 750 H.P each w/ 910 H.P. Engines Caterpillar D-398
Maximum Strokes / Minute: - 120 Strokes Per Minute
Maximum Working Pressure: - Lesser of 80% of Liner Rating or Published Pressure
Discharge Pulsation Dampener: - Hydрил K20-5000
Charge Pump (Centrifugal): - Mission 5 x 6 – Triplex Pinion Shaft Driven

12) MUD TANKS:

Maximum Mud Storage Capacity: - (Active Volume) 160m³ (1010 bbl)
Premix Tank: - 64 m³ (400 bbl)
Trip Tank: - 3.5 m³
Agitators: - 4-Brandt, 2 Morse / 10 H.P. / 7.5 KW
Mud Guns: - Low Pressure for each Compartment
Desander: - Swaco 2 – 8” Cones
Desilter: - Swaco 12 – 4” Cones
Degasser: - Rig Shop 36” Atmospheric
Shale Shakers: -2 – Swaco Mongoose
Centrifugal Pumps: - Mission Style
Type: - 6” x 8” and 5” x 6”
Capacity: - Various as per Application
Number: - 5

13) LIGHT PLANTS:

Generators Available (Rating-KW): - 2-Cat-3412 DITA w/ Cat SR4 Generators /545 KW Lights to
Be kept in good use available for: - Location Lighting
Voltage: - 480 Volts w/ Transformer to 220/110 Volts

14) TUBULARS:

Drill Pipe: - 366 Joints of 5 inch 19.5 lb per ft. G105 Drill pipe c/w 4 ½ inch
IF connections - 8 Joints of 5 inch HEVI-WATE Drill pipe c/w 4 ½ inch IF connections