

1000M DEPTH RATING (REF#2103)



No.	Description
1	<u>Configuration:</u> Carrier Mounted, PTO Driven Hydraulic Top Drive
2	<u>Carrier:</u> Ingersoll Rand RD-10 Mounted on 4-axle Carrier Powered by 400 HP Cummins NTC 855 Diesel Engine 6,000 lb. Service Winch
3	<u>Derrick:</u> 16.5m Stiff Mast Single w/ Hydraulic Feed System 85,000 lb. (37,808 daN) Hook Load
4	<u>Substructure:</u> 8' (2.43 m) Self Elevating Substructure c/w BOP Rails and Bridle
5	<u>Pump:</u> Gardner Denver PAH 275 Triplex w/ 8" Stroke Max. 140 Strokes/min. Output 1.1 m <sup>3</sup> /min 400 HP Cummins NTC-855 Engine, w/ V-belt Drive
6	<u>Top Drive:</u> Ingersoll Rand RD-10 85,000 lb. (37,808 daN) Hook Load 150 RPM Max. Rotating Speed 12,000 ft-lbs Max. Torque
7	<u>Light Plant:</u> Stanford 300 kW, 208 V, 60 Hz, 3-phase Volvo Diesel Engine
8	<u>Mud Tanks:</u> 15 m <sup>3</sup> (95 bbl) Capacity, c/w 3.65 m <sup>3</sup> (23 bbl) Trip Tank DFTS DF183 Shale Shaker 5" x 6", 60 HP Electric Driven Centrifugal Mix Pump 4" x 5" Belt Driven Precharge Pump

1000M DEPTH RATING (REF#2103) CONTINUED



No.	Description
9	<u>Water Storage:</u> 23.8 m <sup>3</sup> Capacity
10	<u>Fuel Storage:</u> 13 m <sup>3</sup> Capacity
11	<u>Tubulars:</u> 1,020 m, 19.79 kg/m Range II Drill Pipe w/ 3-1/2 IF Connections 10 x 4-3/4" OD Spiral Drill Collars 1x 6-1/4" Slick Drill Collar
12	<u>Boiler:</u> 60 HP Saskatoon Boiler, Contained in 40' Skidded Building
13	<u>Blowout Prevention Equipment:</u> Hydril 9", 3000 psi Annular Preventer Guiberson 9", 3000 psi Pipe Rams Guiberson 9", 3000 psi Blind Rams 80 Gallon, 4 Station Accumulator 2" x 3" Manifold c/w 2 x 2" Willis Chokes  Note: 9" Class 1A Diverter or 7-1/16" Class 3 Stack Available Upon Request
14	<u>Pipe Handling:</u> Hydraulic Pipe Tub to Contain All Tubulars Catwalk w/ Swing-out Racks Hydraulic 4 Ram Pipe Arm Handles Drill Pipe, Collars, and Casing 3-1/2" to 7" Diameter Capacity Hydraulic Make-up and Break-out Wrenches
15	<u>Rig Manager Shack:</u> 12' x 48' Skidded Wellsite Unit c/w Crew Washroom
16	<u>Rig Move Loads:</u> Winter – 9 Loads Summer – 8 Loads