



Rig #6 Specifications

<u>Drilling Range:</u>	20,000' With 4½" Drill Pipe.
<u>Drawworks:</u>	National 110 ME 1,500 HP Driven by (2)-1,000 HP General Electric 752 DC Traction Motors With a Parkersberg V-200 Hydromatic Brake and Electrical Control Panel.
<u>Mast:</u>	DSI 142' High, Rated at 1,000,000# GNC, and 760,000# Static Hook Capacity.
<u>Substructure:</u>	DSI 30' High With 1,000,000# Capacity.
<u>Mud Pump #1:</u>	National 12-P-160, 7"x12", 1,600 HP, Powered by (2)-1,000 HP General Electric 752 Traction Motors Charged by (1)6x8 Centrifugal Pump.
<u>Mud Pump #2:</u>	National 12-P-160, 7"x12", 1,600 HP, Powered by (2)-1,000 HP General Electric 752 Traction Motors Charged by (1)-6x8 Centrifugal Pump.
<u>Rotary Table:</u>	Continental Emsco 27½".
<u>Automatic Catwalk</u>	Canrig Powercat Model 3000 Automatic Catwalk System.
<u>Floorhand</u>	Blohm + Voss Oil Tools GF 1100 Auto Floorhand Wrench & Spinner Combination.
<u>Traveling Assembly:</u>	Emsco 6 Sheave, 500 Ton Block/Hook Combination.
<u>Top Drive</u>	Canrig Model 1250 AC-681 500 Ton Top Drive Drilling System.
<u>SCR /Power System:</u>	(3)-MTU, 16V-2000 (1,400 HP Each) Diesel Engines Driving (3)-Marathon 1,357 KW Generators With Ross Hill electric 4 Bridge SCR Unit With Highline Connection and Ross Hill Electrical Control Unit.
<u>Mud System:</u>	(2)-Pit System, 1,200 Total Barrels, with Shaker, Volume, Mud Cleaning, Suction and Pill Mixing Compartments, (4)-Brandt Mud Agitators, and (2)-5x6 Centrifugal Pumps.
<u>B.O.P.E.:</u>	Hydril GK 13-5/8", 5,000# Annular, Hydril 13-5/8", 5,000# D-Ram, Koomey 120 Gallon Accumulator and 5,000# Choke Manifold.
<u>Water/Fuel Storage:</u>	400 BBLs / 12,300 Gallons.
<u>Auxiliary Equipment:</u>	(2)-Air Winches, Wireline Unit (.092"), (2)-Air compressors, Upper & Lower Doghouses, Toolpusher Trailer.