



Rig #7 Specifications

<u>Drilling Range:</u>	25,000' with 5" Drillpipe.
<u>Drawworks:</u>	National 1320 UE 2,000 H.P. Driven by (2)-1,000 H.P. General Electric 752 DC Traction Motors With an Elmago 7838 Electric Brake and Electrical Control Panel.
<u>Mast:</u>	DSI 142' High, Rated at 1,300,000# Static Hook Capacity.
<u>Substructure:</u>	DSI 30' High With 1,300,000# Capacity.
<u>Mud Pump #1:</u>	National 12P-160 Triplex, 7"x12" 1,600 H.P., Powered by (2)-1,000 H.P. General Electric 752 DC Traction Motors Charged by (1)-5x6 Centrifugal Pump.
<u>Mud Pump #2:</u>	National 12P-160 Triplex, 7"x12" 1,600 H.P., Powered by (2)-1,000 H.P. General Electric 752 DC Traction Motors Charged by (1)-5x6 Centrifugal Pump.
<u>Rotary Table:</u>	Oilwell 27- $\frac{1}{2}$ ", 500 Ton, Independently Powered by (1)-1,000 H.P. General Electric 752 Traction Motor.
<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>	Oilwell B-650 7 Sheave, 650 Ton Block
<u>Top Drive</u>	Canrig Model 1250 AC-681 500 Ton Top Drive Drilling System.
<u>SCR/Power System:</u>	(4)-MTU, 12V4000 (1,482 BHP Each) Diesel Engines Driving (4)-Hyundai 1,100 KW Generators Ross Hill Electric 4 Bridge SCR Unit and G.E. Electrical Control Unit.
<u>Mud System:</u>	(3)-Pit System, 1,400 Total Barrels, With Shaker, Volume, Mud Cleaning, Suction and Pill Mixing Compartments, (6)-Mud Agitators, and (2)-5x6 Centrifugal Pumps.
<u>B.O.P.E.:</u>	13-5/8", 5,000# Spherical Annular, 13-5/8", 10,000# D-Ram, 13-5/8", 10,000# S-Ram, 260 Gallon Accumulator and 10,000# Choke Manifold.
<u>Water/Fuel Storage:</u>	400 BBLS / 21,000 Gallons.
<u>Auxiliary Equipment:</u>	(2)-Air Winches, Wireline Unit (.092"), (2)-Air compressors, Upper & Lower Doghouses, Toolpusher Trailer.