



Rig #5 Specifications

<u>Drilling Range:</u>	8,500' With 4-1/2" Drill Pipe. 10,000' With 3-1/2" Drill Pipe.
<u>Drawworks:</u>	Skytop Brewster TR750, 750 H.P., Driven by (2)-Caterpillar C-9 Diesel Engines With a V-80 Parmac Hydromatic Brake and Allison 5860 Transmission.
<u>Mast:</u>	Skytop Brewster 99' (Guy Lined), Rated at 300,000# Static Hook Capacity.
<u>Substructure:</u>	13' High, With 300,000# Capacity and 10'-8" Under Rotary Beam.
<u>Mud Pump #1:</u>	Continental Emsco F-1000 Triplex, 6-3/4"x10", 1,000 H.P., Powered by (2)-Caterpillar C-15 Diesel Engines, Charged by (1)-5x6 Centrifugal Pump).
<u>Mud Pump #2:</u>	National 9P-100 Triplex, 6-3/4" x 9- 1/4", 1,000 H.P., Powered by (2)-Detroit Diesel Series 60 Diesel Engines, Charged by (1)-5x6 Centrifugal Pump.
<u>Rotary Table:</u>	Continental Emsco 17-1/2".
<u>Traveling Assembly:</u>	Web Wilson 150 Ton Block/Hook Combination and Continental Emsco LB 200 Ton Swivel.
<u>Generators:</u>	(1)-Perkins 1106D Diesel Engine Driving (1)-Stamford 165 KW Generator and (1)-Perkins 1106D Diesel Engine Driving (1)-Marathon 150 KW Generator
<u>Mud System:</u>	(1)-218 Barrel, 3-Compartment Mud Tank, (1)-3x4 Centrifugal Mixing Pump, (1)-5x6 Centrifugal Desilting Pump and (2)-Agitators.
<u>B.O.P.E.</u>	Hydril GK 11", 3,000# Annular, Shaffer 11", 3,000# D-Ram, Koomey 120 Gallon Accumulator and 3,000# Choke Manifold.
<u>Water/Fuel Storage:</u>	400 BBLs./1,250 Gallons.
<u>Auxiliary Equipment:</u>	(2)-Hydraulic Winches, Wireline Unit (.092"), Doghouse, Toolpusher Trailer.