



Rig #10 Specifications

<u>Drilling Range:</u>	10,000' With 4-1/2" Drill Pipe. 12,000' With 3-1/2" Drill Pipe.
<u>Drawworks:</u>	Gardner Denver 500, 650 HP, Powered by (2)-Detroit B-60 Series Diesel Engines, With a Parmac V-80 Hydromatic Brake.
<u>Mast:</u>	Dreco 126' Telescoping Treble Mast Rated at 500,000# GNC, Static Hook Load of 357,000# With 10 Lines.
<u>Substructure:</u>	Ideco 20' High With 500,000# Capacity.
<u>Mud Pump #1:</u>	RS-F-1000 Triplex, 6-3/4"x 10", 1,000 HP, Powered by (2) - Detroit B-60 Series Diesel Engines, Charged by (1)-5x6 Centrifugal Pump.
<u>Mud Pump #2:</u>	RS-F-1000 Triplex, 6-3/4"x 10", 1,000 HP, Powered by (2) - Detroit B-60 Series Diesel Engines, Charged by (1)-5x6 Centrifugal Pump.
<u>Rotary Table:</u>	RGVP 275, 27-1/2".
<u>Floorhand:</u>	Blohm & Voss Oil Tools GF 1100 Auto Floorhand Wrench & Spinner Combination.
<u>Traveling Assembly:</u>	Web Wilson 5 Sheave 250 Ton Block/Hook Combination and Oilwell PC 250 Ton Swivel.
<u>Generators:</u>	(2)-Caterpillar C-15 Diesel Engines, Driving (2)-Marathon 300 KW Generators.
<u>Mud System:</u>	(1)-Pit System, 550 Total Barrels, With Shaker, Volume, Mud Cleaning and Pill Mixing Compartments, Submerged Guns, (2)-Centrifugal Pumps, (2)-Flowline Cleaners and 2 Brandt Mud Agitators.
<u>B.O.P.E.</u>	Hydrill GK 13-5/8", 3,000# Annular, Shaffer 13-5/8", 3,000# D-Ram, CAD 120 Gallon Accumulator and 3,000# Choke Manifold.
<u>Water/Fuel Storage:</u>	400 BBLs./3,000 Gallons.
<u>Auxiliary Equipment:</u>	(2)-Air Winches, Wireline Unit (.092"), (2)-Air Compressors, Crew Doghouse, Toolpusher Trailer.