



Rig #5 Specifications

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| <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 HP, 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 HP, 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 HP, 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. |