



Rig #18 Specifications

<u>Drilling Range:</u>	21,500' With 5" Drill Pipe.
<u>Drawworks:</u>	IDE 1500 Drawworks With Regenerative Brake, Hydraulic Disc Brakes With Gear Reduction and (1) – Joliet HTM1500 AC Drive Motor.
<u>Mast:</u>	IDE 142' Free Standing Vertically Telescoping Mast Rated at 750,000# Static Hook Load With 10 Lines.
<u>Substructure:</u>	IDE 26' Parallelogram Substructure With 750,000# Casing & 450,000# Setback Simultaneously.
<u>Mud Pump #1:</u>	American K-1600 Triplex, 10"x 6-3/4", 1,500 H.P., With 7,500# Manifold Rating, Driven by (1)-1500 HP Joliet HTM1500 AC Drive Motor, Charged by (1)-5x6 Centrifugal Pump.
<u>Mud Pump #2:</u>	American K-1600 Triplex, 10"x 6-3/4", 1,500 H.P., With 7,500# Manifold Rating, Driven by (1)-1500 HP Joliet HTM1500 AC Drive Motor, Charged by (1)-5x6 Centrifugal Pump.
<u>Mud Pump #3:</u>	American K-1600 Triplex, 10"x 6-3/4", 1,500 H.P., With 7,500# Manifold Rating, Driven by (1)-1500 HP Joliet HTM1500 AC Drive Motor, Charged by (1)-5x6 Centrifugal Pump.
<u>Rotary Table:</u>	IDE 37-1/2".
<u>Automatic Catwalk</u>	Canrig Powercat Model 3000 Automatic Catwalk System.
<u>Floorhand</u>	Blohm + Voss Oil Tools Floorhand Wrench & Spinner Combination.
<u>Traveling Assembly:</u>	American B50F400, 400 Ton Block/Hook Combination.
<u>Top Drive:</u>	Canrig Model 1250 AC-681-500 Ton Top Drive Drilling System.
<u>Generators:</u>	(4)-Detroit Diesel 12V400G73 (1,400 H.P. Each) Diesel Engines, driving (4)-LS 6601 1,225 KW Generators.
<u>AC/VFD House</u>	IDE 4X5 VFD Power System With Auto Drill and Block Position Calibration, With a Drillers Cabin.
<u>B.O.P.E.</u>	TFI 13-5/8", 5,000# Annular, TFI 13-5/8", 10,000# Double Ram, TFI 13-5/8", 10,000# Single Ram, 300 Gallon Accumulator and 10,000# Choke Manifold With a Poor Boy Gas Buster, (1)-BOP Transporter and Test Unit.
<u>Mud System:</u>	(2)-Pit System, 1,000 Barrels, with Shaker Volume, Mud Cleaning, Suction and Pill Mixing Compartments, (5)-Mud Agitators, (2)- 5X6 Centrifugal Pumps and (3)-Brandt Cobra Flow Line Cleaners.
<u>Water/Fuel Storage:</u>	500 BBLs./12,750 Gallons.
<u>Auxiliary Equipment:</u>	(2)-Hydraulic Winches, Crew Change, Toolpusher Trailer.