



Rig #18 Specifications

<u>Drilling Range:</u>	21,700' With 5" Drill Pipe.
<u>Drawworks:</u>	American Block 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 and Racking Board Capacity of 21,700' of 5" Drill Pipe.
<u>Substructure:</u>	IDE 26' Parallelogram Substructure With 750,000# Casing & 450,000# Setback Simultaneously. Racking Capacity 20,000' of 5" Drill pipe. IDE Walking System.
<u>Mud Pump #1:</u>	American Block K-1600 Triplex, 12"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 Block K-1600 Triplex, 12"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 Block K-1600 Triplex, 12"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>	American Block 37-1/2".
<u>Automatic Catwalk</u>	Canrig Powercat Model 3000 Automatic Catwalk w/Walking System.
<u>Floorhand</u>	Blohm + Voss Oil Tools Floorhand Wrench & Spinner Combination.
<u>Traveling Assembly:</u>	American Block B50F400, 400 Ton Block/Hook Combination.
<u>Top Drive:</u>	Canrig Model 1250 AC-681-500 Ton Top Drive Drilling System.
<u>Generator Sets:</u>	(4)-MTU 12V4000G73 (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, Cameron 13-5/8", 10,000# Double Ram, Cameron 13-5/8", 10,000# Single Ram, 300 Gallon Accumulator and 10,000# Choke Manifold with a Poor Boy Gas Buster, (1)-BOP Transporter
<u>Mud System:</u>	(2)-Pit System, 1,000 Barrels, with Shaker Volume, Mud Cleaning, Suction and Pill Mixing Compartments with Desander, Desilter, and Vacuum Degasser, 220 Barrel Pre-Mix, (5)-Mud Agitators, (4)- 5X6 Centrifugal Pumps and (3)-Swaco Mongoose Linear Motion Shakers.
<u>Water/Fuel Storage:</u>	2 -500 BBLS each/ (1) @ 12,750 Gallon Capacity.
<u>Auxiliary Equipment:</u>	(2)-Hydraulic Winches, Crew Change, Toolpusher Trailer.