



Rig #19 Specifications

<u>Drilling Range:</u>	28,500 with 5" Drill pipe
<u>Drawworks:</u>	American Block 1500 HP
<u>Mast:</u>	NOV 142' High 750,000 lbs Static Hook Capacity with 10 lines
<u>Substructure:</u>	NOV Slingshot 28' High 750,000 lbs Casing and 576,000 lbs Setback NOV Steel Toe 1200 Walking system
<u>Mud Pumps:</u>	(3) FB-1600 Triplex, 7"x 12", 1,600 HP, 7,500 PSI
<u>Rotary Table:</u>	NOV 37 1/2" Hydraulic Drive
<u>Automatic Catwalk:</u>	NOV PC-5-47 PipeCat
<u>Floorhand:</u>	Blohm and Voss FH-80
<u>Traveling Assembly:</u>	NOV 6 Sheave 500 Ton
<u>Top Drive:</u>	NOV TDS-11SA 500 Ton 37,500 ft-lb torque @ 110 RPM
<u>Generators:</u>	(4) 1,476 BHP Diesel Engines with 1,225 kW Generators
<u>AC/VFD House:</u>	IDE 4X5 VFD Power System Auto Drill, Bridge and Overpull Protection
<u>Mud System:</u>	(2) Pit System, 1,000 Total Barrels (3) Mi Swaco Mongoose Pro Flow Line Cleaners (1) 220 bbl Pre-Mix
<u>BOPE:</u>	13 5/8" 5,000 PSI Annular, 13 5/8" 10,000 PSI Double Ram and Single Ram 10,000 PSI Choke Manifold 300 Gallon Accumulator Poor Boy Gas Buster NOV BOP Transporter
<u>Water/Fuel Storage:</u>	900 BBLS/17,000 Gallons
<u>Auxiliary Equipment:</u>	(2) Air compressors Crew Change House Rig Manager House