



Rig #22 Specifications

<u>Drilling Range:</u>	6,000'- 12,500' with 4-1/2" Drill Pipe
<u>Drawworks:</u>	NOV SSDG 1,500 HP AC Drive
<u>Mast:</u>	NOV Rapid Rig Telescoping 80' 500,000 lbs Static Capacity with 8 Lines
<u>Substructure:</u>	NOV Rapid Rig Slingshot 20' High with 18' Clearance
<u>Mud Pumps:</u>	(2) Emsco OE F-1,300 Triplex 6 3/4"x 12" 1,300 HP
<u>Drillers Cabin:</u>	Rapid Rig AC Amphion Integrated Control System
<u>Rotary Table:</u>	NOV Type 21 Power slip - 36-1/2"
<u>Automatic Catwalk:</u>	NOV Pipe cat PC5-47
<u>Floorhand:</u>	NOV ST-80
<u>Automatic Driller:</u>	NOV Amphion Integrated Drilling Control System
<u>Traveling Assembly:</u>	NOV 4 Sheave 250 Ton; NOV Hydraulic Elevators
<u>Top Drive:</u>	NOV TDS 10RR AC 250 Ton 36,500 ft-lbs Maximum Torque
<u>Generator Package:</u>	(2) 1476 HP Diesel Engines with 1500 kW Generators NOV AC VFD
<u>Mud System:</u>	(1)-Pit System, 400 Total Barrels NOV Brandt Shakers
<u>BOPE:</u>	11-5M Annular, Double Gate, Single Gate NOV Handling System 5,000 psi Choke Manifold Kooomey 120 Gallon Accumulator Kooomey Test Unit
<u>Water/Fuel Storage:</u>	400 bbl Water Tank/12,000 Gallon Fuel Storage
<u>Auxiliary Equipment:</u>	(2) Air Compressors (2) Hydraulic Pumps Crew Change Quarters