

**RIG R.D. 25**

**DRAWWORKS:**

National 80-B (1,000 H.P.)  
Drum Grooved for 1 1/4" line  
Baylor Model 6032 Brake  
Satellite Drilling Control  
Crown-o-Matic Equipped

**DRIVE GROUP:**

National - BT-24P-1 1/2 Quad

**POWER:**

3 - Caterpillar D-379 TA Diesel Engines Rated at 1835 H.P. Hoisting — 1560 H.P. Pumping and Drilling, Complete with National C245-125 Torque Converters

2 - Caterpillar D-3412; 320 K.W. A.C. Sets — 230/460 volts

**PUMPS:**

2 - National 9P100 (1,000 H.P.) each with 5 x 6 Mission  
Magnum Centrifugal Charging Pump Driven by  
60 H.P. Motor

**MAST:**

142' x 21' Derrick Service Inter, 6 Sheave 430 ton  
Crown Block  
720,000 lb. A.P.I. Static Hook Load Capacity with 10  
lines

**SUBSTRUCTURE:**

DSI 21 foot High  
700,000 lb. Casing Capacity Simultaneous with 500,000

**TRAVELING BLOCK AND HOOK:**

National 545G350 Hook-Block (350 ton)

**SWIVEL:**

National P-400 (400 ton)

**ROTARY:**

National C-275 (500 ton) 27 1/2" Opening Complete  
with Kelly Bushing Guard

**DRILL STRING:**

5 1/4" x 40' Hex Kelly  
10,000' - 4 1/2" 16.60 lb., Range II, Grade E with 6 1/4"  
O.D. Tool Joints  
4,000' - 4 1/2" 16.60 lb., Range II, Grade G with 6 1/4"  
O.D. Tool Joints  
One (1) String of 8 1/2" Drill Collars as Required

**BLOWOUT PREVENTERS AND CONTROLS:**

1 - 13 5/8" 5,000 lb. W.P. Cameron Type "D" Annular for  
H<sub>2</sub>S Service  
2 - 13 5/8" 5,000 lb. W.P. Cameron Type "U" Single for  
H<sub>2</sub>S Service  
5,000 lb. W.P. Choke and Kill Manifold for H<sub>2</sub>S Service  
(Type "F" Hydraulic Operated Gate Valve)  
1 - Koomey 5 Station Closing Unit with 180 Gallon Accumulator Complete with Remote Closing Unit

**MUD SYSTEM:**

3 - 7' x 10' x 38' Mud Tanks (1160 bbl. Useable Capacity)  
Swaco Model 212 Desander (1000 GPM)  
Swaco Model 6T4 Desilter (900 GPM)  
Brandt High Speed Dual-Tandem Shale Shaker  
Mud Mixing Unit with Mud Hopper, Manifold and 2 - 6 x  
8 Mission Magnum Centrifugal Pumps each Driven  
by 75 H.P. Motor  
4 - Brandt Model MA10 Mud Agitators  
1 - 5 x 6 Mission Magnum Desander Pump Driven by 60  
H.P. Motor  
1 - 5 x 6 Mission Magnum Desilter Pump Driven by 60  
H.P. Motor  
Mud-Gas Separator

**AUXILIARY EQUIPMENT:**

International Tool Kelly Spinner  
Varco Power Slips, Model PS15  
Spinner Hawk Drill Pipe Wrench  
Zip-Lift Drill Collar System  
Explosion Proof Lighting  
2 - Quincy Model 5120 Air Compressors, 84 C.F.M. at  
115 P.S.I. each Driven by 20 H.P. Motor  
2 - 2 x 3 Mission Magnum Centrifugal Water Pumps  
each Driven by 25 H.P. Motor  
10' x 45' Combination Office and Toolpusher Quarters  
with Galley  
Air Hoist  
12,000 Gallon Fuel Tank with 5 Compartment Lubster  
Totco Weight Indicator Complete with Pump  
Pressure, Pump Stroke, Rotary RPM, Rotary Tor-  
que and Tong Torque Systems