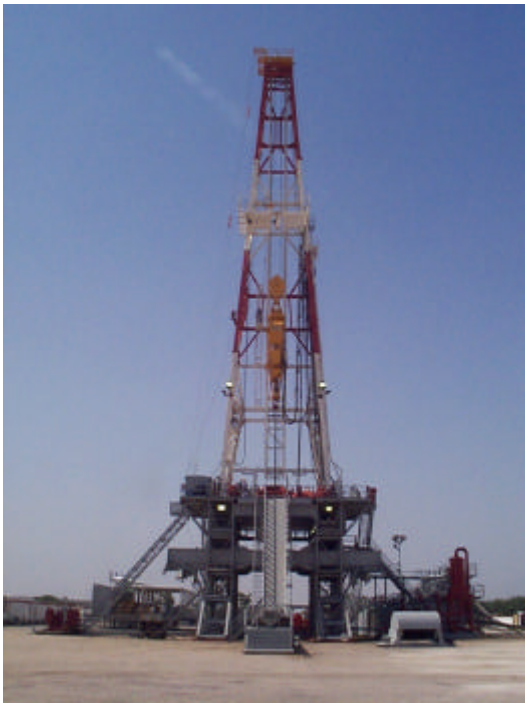


Rig 180

Heavy Duty (3000 HP)

General Description

Design	National 1625-UE
Drilling Depth Rating	30,000 ft.
Sub-Base Height	28 ft.
Sub-Base Type	Pyramid Box-on-Box
Camp Capacity	106 persons
Estimated Total Rig Move Loads	132

Drilling Equipment

Derrick	DSI Model 27503, 149 ft. Static Hookload Capacity – 1,500,000 lbs. with 14 lines strung
Drawworks	National 1625-UE, 3,000 HP, 1-5/8 in.
Rotary table	Oilwell B, 37-1/2 in.
Top drive	National PS2 650-650
Mud pumps	3 x Oilwell A-1700 PT, 1,700 HP
Solids control	Shale Shakers – 3 x Derrick Model 58 Desander – Brandt SR3, 3 x 12 in. Desilter – Brandt DE-16, 16 x 5 in. Mud Cleaner – Sweco Model H48C

Storage Capacities

Active Mud	2,151 bbls.
Reserve Mud	500 bbls.
Bulk Material	

Power Equipment

DC Generators	Ross Hill SCR 5 x Caterpillar SR4, 1,050 kW
AC	5 x Caterpillar D3512, 1,200 HP

BOP Equipment

Diverter	Hydril MSP, 500 psi, 29-1/2 in.
26-3/4 in. system	Quality Oilfield Products, Double U, 3,000 psi
21-1/4 in. system	Hydril GL, 5,000 psi. Cameron, Double U, 10,000 psi
13-5/8 in. system	Hydril GK, 5,000 psi. Cameron, Double U, 15,000 psi

Special Features

N/A