



RIG #25 - 1500 HP AC Rig

Mast

Type: 2 Section Cantilever
 Height: 142 ft
 Base: 12 ft x 12 ft
 Hook Load: 750,000 lbs

Substructure

Type: Slingshot
 Height: 25 ft
 Clear Height: ~ 22 ft
 Rotary Capacity: 750,000 lbs
 Setback Capacity: 500,000 lbs

Drawworks

Type: NOV ADS-10SD
 Horsepower: 1500 HP
 Input Motors: 2 x Baylor AC motors
 Hoisting Capacity: 967,000 lbs on 12 lines
 Drilling Line: 1-3/8"
 Auxiliary Brake: Air Cooled 38" Disc

Top Drive

Type: NOV TDS-11SA
 Capacity: 500 Tons
 Torque: 55,000 ft-lbs @ 0 RPM-Intermittent
 37,500 ft-lbs @ 110 RPM-Continuous
 18,250 ft-lbs @ 228 RPM-Continuous

Pipe Handling

Roughneck Type: NOV ST-80CL
 Makeup Torque: 60,000 ft-lbs
 Breakout Torque: 80,000 ft-lbs
 Tubular OD Range: 4-1/4" to 8-1/2"

Power

Engine Type: 3 x CAT 3512C
 Horsepower: 3 x 1476hp @ 1200 RPM
 Generator: 3 x Baylor 1750 kVa
 Voltage: 600 vac 60 hz



BOP System

Annular: Control Flow 13-5/8" 5K
 Single Ram: Control Flow 13-5/8" 10k, Type U
 Double Ram: Control Flow 13-5/8" 10k, Type U with Boosters for Blind Shear

Driller's Controls

Type: Amphion
 Cabin: AC/Heat

Rotary Table

Type: NOV ZP-375
 Opening: 37-1/2"

Mud System

Pump Type: 2 x NOV FD-1600
 HP Rating: 2 x 1600HP
 Pressure Rating: 5000 psi
 Tanks: 2
 Total Mud Volume: 1314 BBLS
 Shale Shakers: 2 x NOV Brandt King Cobra
 Desander: Brandt 1500 GPM
 Desilter: Brandt 1300 GPM
 Degasser: Brandt 1000 GPM