



## 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  
 Crown Block: 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

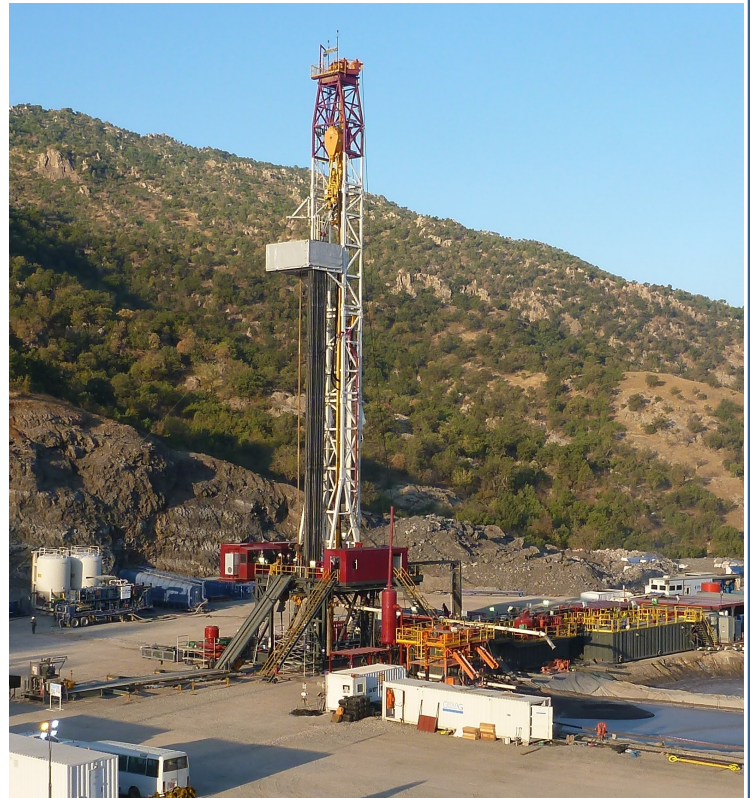
Type: NOV TDS-11SA  
 Capacity: 500 Tons  
 Torque: 55,000 ft-lbs @ 0 RPM-Intermittent  
 37,500 ft-lbs @ 110 RPM-Continuous  
 18,250 ft-lbs @ 228 RPM-Continuous

### 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: 4 x CAT 3512C  
 Horsepower: 4 x 1476hp @ 1200 RPM  
 Generator: 4 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 Electric  
 Opening: 37-1/2"

### Mud System

Pump Type: 2 x NOV FD-1600 + 1 x Bomco F-1600  
 HP Rating: 3 x 1600HP  
 Pressure Rating: 5000 psi  
 Tanks: 3  
 Total Mud Volume: 2000 BBLS  
 Shale Shakers: 3 x NOV Brandt King Cobra  
 Desander: Brandt 1500 GPM  
 Desilter: Brandt 1300 GPM  
 Degasser: Brandt 1000 GPM