

**Year Modified:** 2020

**Rated Drilling Depth**

5 in. Drill Pipe: 18,000 ft (5,486 m)  
 4-1/2 in. Drill Pipe: 23,000 ft (7,010 m)

**Mast**

Make: Pyramid  
 Height: 142 ft (43.3 m)  
 Max. Hookload: 1 million lbs  
 Racking Capacity: 5 in. drill pipe – 18,000 ft. (5,486 m)

**Drawworks**

Make: Gardner Denver 1500E  
 Rated Input: 2,000 hp (1,491 kW)  
 Input Power: Two (2) GE-752 DC traction motors, each rated 1,000 hp (746 kW)  
 Drilling Line: 1-3/8 in. (34.9 mm)

**Traveling Equipment**

Traveling Block: Oilwell  
 Max. Load: 1 million lbs  
 Swivel: Continental Emsco LB-500  
 Max. Load: 1 million lbs

**Substructure**

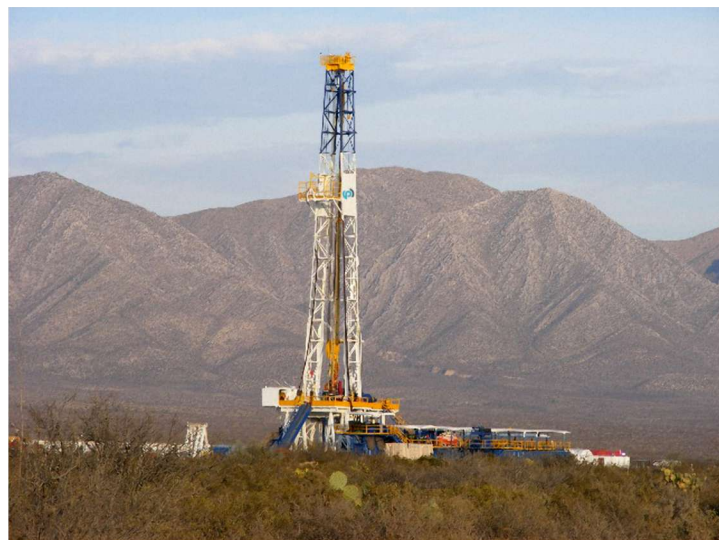
Make, Type: Pyramid, swing-up  
 Clear Working Height: 21 ft (6.4 m)  
 Setback Load: 600,000 lbs

**Rotary Equipment**

Top Drive: Tesco TD-500HS  
 Input Power: Detroit 16V-92, 1,100 hp (820 kW)  
 Rotary Table: Oilwell 37-1/2 in. (952.5 mm)  
 Input Power: Driven by drawworks  
 Static Load Rating: 1.2 million lbs

**BOP System**

Annular Preventer: One (1) 13-5/8" Hydril 5,000 psi  
 Ram Preventers: One (1) 13-5/8" Cameron 10,000 psi single ram  
 One (1) 13-5/8" Cameron 10,000 psi double ram



**Gensets**

Engines: Three (3) Caterpillar 3512B diesel engines; 1,476 hp (1,101 kW) @ 1,200 rpm each  
 Generators: Three (3) Caterpillar SR4B generators, 1,050 kW (1,313 kVA) each

**Power Distribution**

Gen. Control: Three (3) Ross Hill Model 1400  
 SCR: Three (3) Ross Hill Model 1400 bays  
 MCC: 600/480/208/120 volts

**Mud Pumps**

Pumps: Three (3) Continental Emsco FB-1600 triplex pumps; each rated 1600 hp  
 Input Power: Each pump driven by two (2) GE 752, one (1) GE EMD-D79 DC traction motors, each rated 800 hp

**Mud Handling/Solids Control**

Active Mud System: 1,590 bbls (253 m<sup>3</sup>)  
 Shale Shakers: Three (3) Derrick FLC-514 4-panel; 1680 gpm total  
 One (1) Derrick High-"G" dryer FLC-2000  
 Degasser: Swaco vacuum-type; 1,000 gpm

Rig Plot Plan

