

Year Modified: 2009

Rated Drilling Depth

5 in. Drill Pipe: 15,000 ft (4,572 m)
4-1/2 in. Drill Pipe: 16,800 ft (5,121 m)

Mast

Make, Type: Lee C. Moore, beam leg free-standing
Height: 136 ft (41 m)
Max. Hookload: 750,000 lbs
Racking Capacity: 4-1/2 in. drill pipe, 93 ft stand – 16,800 ft (5,121 m)

Drawworks

Make: Ingersoll Rand 2550
Rated Input: 1,500 hp (1,119 kW)
Input Power: Two (2) GE-752 DC traction motors, each rated 1,000 hp (746 kW)
Drilling Line: 1-1/4 in. (31.75 mm)

Traveling Equipment

Traveling Block: McKissick
Max. Load: 700,000 lbs
Swivel: Continental Emsco
Max. Load: 700,000 lbs

Substructure

Make, Type: Lee C. Moore, telescopic
Clear Working Height: 17.8 ft (5.4 m)
Setback Load: 400,000 lbs

Rotary Equipment

Rotary Table: Ideco 27-1/2 in. (698.5 mm)
Input Power: 1,000 hp (746 kW) DC electric motor
Static Load Rating: 648,000 lbs

BOP System

Annular Preventer: One (1) 11 in. Hydril 5,000 psi
Ram Preventers: One (1) 11 in. Cameron Type U 10,000 psi double ram
One (1) 11 in. Cameron Type U 10,000 psi single ram



Gensets

Engines: Three (3) Caterpillar 3512A diesel engines. 1,210 hp (903 kW) @ 1,200 rpm each.
Generators: Three (3) CAT generators; 840 kW (1,050 kVA) each

Power Distribution

Gen. Control: Three (3) Ross Hill Model 1000
SCR: Four (4) Ross Hill Model 1000 SCR bays
MCC: 600/480/220/127 volts

Mud Pumps

Pumps: Two (2) Gardner Denver PZK-10 triplex pumps; each rated 1,300 hp (970 kW)
Input Power: Each pump unitized with two (2) 1,000 hp (746 kW) GE 752 DC traction motors

Mud Handling/Solids Control

Active Mud System:
Shale Shakers:

Desander:
Degasser:



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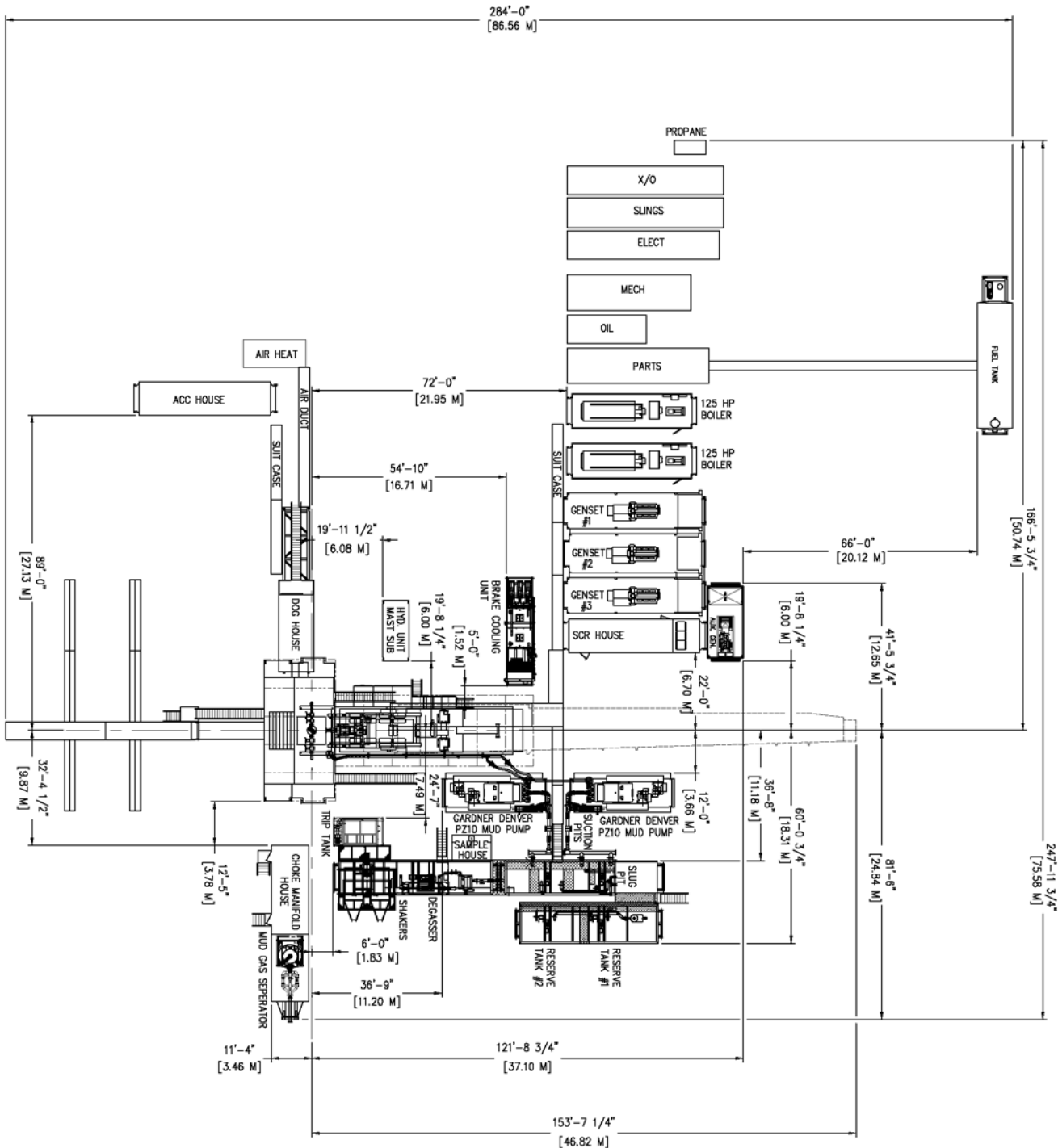
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Rig Plot Plan



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