

Year Modified: 2009

Rated Drilling Depth

5 in. Drill Pipe: 25,000 ft (7,620 m)
 4-1/2 in. Drill Pipe: 27,000 ft (8,230 m)

Mast

Make, Type: Derrick, cantilever
 Height: 147 ft (44.2 m)
 Max. Hookload: 1.25 million lbs
 Racking Capacity: 5 in. drill pipe, 21,000 ft (6,401 m)

Drawworks

Make: OIME E-2000
 Rated Input: 2,000 hp (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: Continental Emsco
 Max. Load: 1.25 million lbs

Substructure

Make, Type: Derrick; box-on-box
 Clear Working Height: 28 ft (8.5 m)
 Setback Load: 812,000 lbs

Rotary Equipment

Top Drive: Varco TDS-11SA, 500 ton
 Input Power: Two (2) 400 hp AC motors (298 kW each)
 Rotary Table: Input Continental Emsco, 37-1/2 in. (952.5 mm)
 Power: Static Load GE-752, 1,000 hp (746 kW) traction motor
 Rating: 1.25 million lbs

BOP System

Annular Preventer: One (1) 21-1/4 in. Hydril 2,000 psi
 One (1) 13-5/8 in. Hydril 5,000 psi
 Ram Preventers: One (1) 13-5/8 in. Cameron Type U 10,000 psi single ram
 One (1) 13-5/8 in. Cameron Type U 10,000 psi double ram



Gensets

Engines: Four (4) Caterpillar 3512B diesel engines; 1,476 hp (1,101 kW) each at 1,200 rpm
 Generators: Four (4) Kato generators; 1,400 kW (2,000 kVA) each

Power Distribution

Gen. Control: Four
 Five (5) International Power System SCR bays
 SCR: 600/480/208/120 volts

MCC:

Three (3) Continental Emsco FC-1600 triplex pumps, each rated 1,600 hp (1,193 kW)
 Each driven by two (2) GE-752 DC traction motors, each rated 800 hp (597 kW)

Mud Pumps

Pumps: Each driven by two (2) GE-752 DC traction motors, each rated 800 hp (597 kW)
 Input Power:

Mud Handling/Solids Control

Active Mud System: 1,850 bbls (294 m³)
 Shale Shakers: Five (5) Derrick Flo-Line Cleaner shakers; 1,500 gpm
 Degasser: Swaco vacuum-type; 600 gpm



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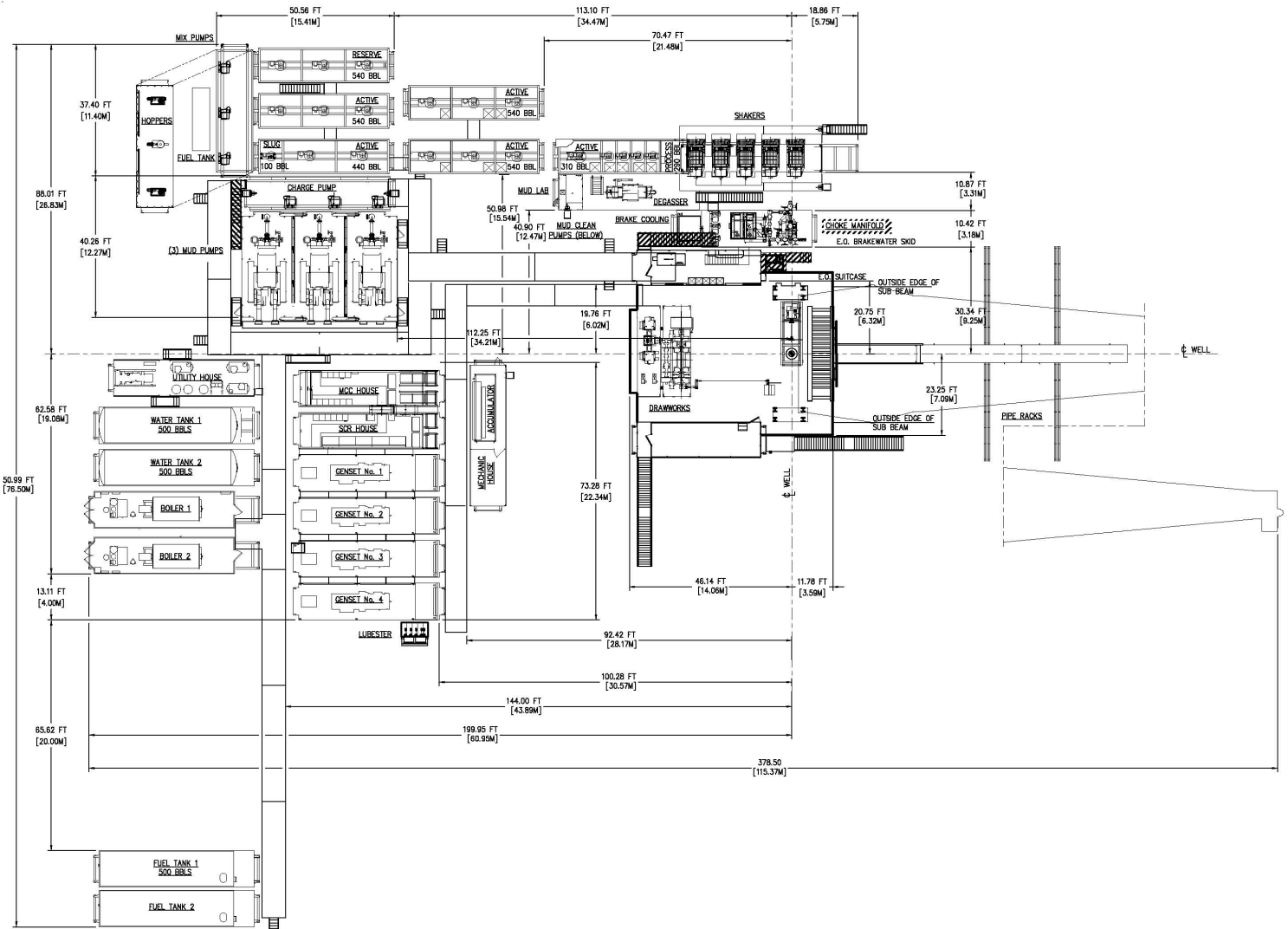
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Rig Plot Plan



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