

Year Modified: 2009

Rated Drilling Depth

5 in. Drill Pipe: 25,000 ft (7,619 m)
4-1/2 in. Drill Pipe: 29,000 ft (8,838 m)

Mast

Make: Parco
Height and Type: 156 ft (47.5 m), cantilever
Max. Hookload: 1.5 million lbs
Racking Capacity: 5 in. drill pipe, 96 feet stand –
21,000 feet (6,402 m)

Drawworks

Make: Continental Emsco C-3
Rated Input: 3,000 hp (2,237 kW)
Input Power: Three (3) GE 752 motors, rated
1,000 hp (746 kW) each
Drilling Line: 1-3/4 in. (44.5 mm)

Traveling Equipment

Traveling Block: Ideco
Max. Load: 1.5 million lbs

Substructure

Make: Parco
Clear Working Height: 24 ft (7.3 m)
Setback Load: 975,000 lbs

Rotary Equipment

Top Drive: Canrig 1165E - 650 ton
Input Power: GE 752 Shunt Wound continuous
amperage electric motor, 1,165 hp
(868 kW)
Rotary Table: Continental Emsco 37-1/2" (952.5 mm)
Input Power: One (1) GE-752 direct current
motor rated 1,000 hp
Static Load Rating: 1.4 million lbs

BOP System

Annular Preventers: 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 10,000
psi Type U single rams
One (1) 13-5/8 in. Cameron 10,000
psi Type U double ram



Gensets

Engines: Five (5) Caterpillar 3512B diesel
engines; 1,476 hp (1,101 kW) each
Generators: Five (5) Caterpillar SR4B generators,
1,050 kW (1,500 kVA) each

Power Distribution

Gen. Control: Five (5) Ross Hill Model 1400
SCR: Five (5) Ross Hill Model 1400
SCR bays
MCC: 600/480/220/127 volts

Mud Pumps

High Pressure System: One (1) 7,500 psi high pressure
circulation system, dual mud lines to
rig floor
Pumps: Two (2) Continental Emsco FC-2200
triplex pumps; each rated 2,200 hp
(1,628 kW)
One (1) Continental Emsco FC-1600
triplex pump; rated 1,600 hp
(1,193 kW)
Input Power: Two (2) GE-752 traction motors for
FC-1600 pump rated at 800 HP each
(597 KW)
Two (2) GE 752 Hi-torque motors for
each FC-2200 pump rated at 1100 HP
each (821 KW)

Mud Handling/Solids Control

Mud System Capacity: 1,980 bbls (315 m3)
Shale Shakers: Four (4) Derrick FLC 2000 shakers;
1,000 gpm each
One (1) Derrick Hi-G Dryer; 500 gpm
Degasser: Swaco vacuum-type

Rig Plot Plan

