

**Drilling Equipment:**

**Derrick:** Global Marine design 160 ft. x 61 ft. x 38 ft. bolted galvanized steel derrick rated at 650 tons static hook load, with a two rail traveling block guide system.

**Crown Block:** Global Marine design 650 ton capacity.

**Swivel:** National P-650 rated at 650 tons with an International Tool A-6C kelly spinner.

**Hook:** National H-650 rated at 650 ton capacity.

**Motion Compensator:** NL Shaffer dual cylinder with integral traveling block with a rated locked capacity of 500 tons and a 200 ton live capacity and a 20 ft. stroke.

**Drawworks:** National 1625 DE rated at 3,000 hp with Elmagco electric brake, driven by three GE 752 electric motors.

**Rotary Table:** National 49½ in. driven by one GE 752 electric motor rated at 800 continuous horsepower.

**Drill Pipe Racker:** Global marine design pneumatically operated automatic horizontal drill pipe racker with a capacity of 24,759 ft. in triples.

**Drill Pipe:** 15,000 ft. of 5 in. grade G

**Drill Collars:** Thirty 8 in. OD x 2¼ in. ID x 30 ft. long; forty 6½ in. OD x 2¼ in. ID x 30 ft. long.

**Automated Mud System:** Complete automated mud system for automatic mud density control.

**Mud Pumps:** Two National 12-P-160 triplex pumps, each driven by two 800 hp DC electric motors.

**Shale Shakers:** Brandt Dual Tandem mounted on active tank.

**Desander:** Brandt desander rated at 1,000 gallons per minute at 40 psi.

**Mud-Gas Separator:** Wellco

**Degasser:** Wellco

**Mud Mixing Pumps:** Two Mission Magnum 8x6R pumps driven by 100 hp electric motor.

**Subsea Equipment:**

**Diverter:** Regan model KFDH diverter.

**Slip Joint:** Regan 21 in. x ½ in. wall with 50 ft. stroke, complete with integrated 3 in. ID 10,000 psi wp choke and kill lines.

**Riser:** Regan integral joint choke and kill riser, 21 in. OD x ½ wall for 2,500 ft. water depth. All riser equipped with syntactic foam buoyancy modules.

**Blowout Preventer Handling System:** Global Marine design skidding system.

**Blowout Preventer:** 18¾ in. 10,000 psi wp Cameron guidelineless blowout preventer system consisting of two double ram preventers; two 18¾ in. 5,000 psi wp Hydril annular preventers, with Cameron 18¾ in. 10,000 psi wp Wellhead and LMRP connectors.

**BOP Choke and Kill Line System:** Two choke and one kill line, each containing one 3⅛ in. 10,000 psi wp 90° angle valve and one 3⅛ in. 10,000 psi wp straight valve. Valves are hydraulically-operated, failsafe close, with pressure assist close.

**BOP Choke and Kill Manifold:** Four station 3⅛ in. 15,000 psi wp manifold, H<sub>2</sub>S trimmed, with two hydraulically adjustable chokes and two manually adjustable chokes.

**BOP Guidance System:** Cameron Guidelineless System.

**BOP Moonpool Guidance System:** Global Marine design.

**BOP Control System:** Koomey dual pod, completely redundant hydraulic system including 1,000 gallon accumulator system, control manifold and hose reels.

**Riser Tensioners:** Four N.L. Schaffer dual and two single units each with 80,000 lbs. maximum line pull and a 50 ft. line travel.