

RIG-7 INVENTORY

CDLC Rig #7: 24 hour rotary drilling rig rated to 11,000' with 4 1/2" drill pipe.

Drawworks & Carrier: Cooper 1000 HP Drawworks on 4-Axle Carrier. Eaton 324 water brake, Hydraulic Tong Cylinders for make up and break out. 2-engine compound.

Rig Power: 2 General Motors Series 60 Detroit engines, 475HP each. 2 Allison 5860, 6 speed transmissions.

Mast: PEMCO 112 FT Telescoping Hydraulic Double Mast 350,000 lbs Hook Load. Mounted on Drawworks Carrier.

Substructure & Back-On Ramp: SEMCO Engineering, 300-ton capacity, 17ft. height substructure with integral rotary drive mechanism with driveline connection to drawworks. Mud boat-back-on ramp unitized for maximum stability.

Traveling/Hoisting Equipment: 150 ton block with 150 ton hook, strung with 8 lines, 1 1/8 ELPS drill line. 150 ton swivel with Foster Kelly spinner type 77. 5 1/4 hex Kelly with Varco square drive bushings. Hydraulic pipe spinners from 3 1/2 - 5 1/2.

Rotary: 17 1/2" opening with split bushing drawworks driven 350,000 load capacity.

Mud Pumps: Two (2) Gardner Denver PZ-9 (1000 HP) Belt Driven Pumps. Powered by CAT 3508 Engines with Electric Powered Radiators.

Mud System: Two (2) tanks 750 barrel capacity with two Derrick Hyperpool shale shakers, an SE-12 Brandt desilter, and a Brandt DG-5 degasser and 5, 10 HP Agitators. Two centrifugals for mixing and third centrifugal for operating the degasser/desilter. Mud ditch included from shaker to pill tank.

Generator House: Two (2) Caterpillar 350 KW, SR4 Gensets powered by 3406 Caterpillar Engines. Cutler Hammer MCC for controls. Sullivan Palatek 20 HP screw type air compressor mounted in genhouse.

Blowout Prevention and Well Control Equipment: 11" 5M Shaeffer LWS Double BOP's and 11" 5M HydriL Annular. Drilling spool with 3" 5M choke manifold and skid mounted gas buster. 5-station accumulator with air and electric charging system.

Measuring Line: .092 diameter x 10,000' length with Welltronics digital drift indicator.

Water Tank: 300 bbl. Water tank for cement water and brake water storage.

Drill String: 10,000' of 4 1/2" 16.60 lb/ft. 18-6 1/4 D.C. Miscellaneous tool, torque gauge.

Auxiliary and Miscellaneous Equipment: Hydraulic hoist lines. Auto-driller, skid mounted toolhouse, elevated upper doghouse. Pipe racks and catwalk.

Fuel Storage: 8,000-gallon fuel tank on skid and oil lubester combination.

