

RIG 6

RIG

Our Rig 6 is a conventional box on box substructure with a “double” derrick that is hydraulically raised and cable scoped with a depth rating of 10,500 feet with 4 ½” drillpipe. The equipment is designed to move very fast and rig up on minimal size location.

DRAWWORKS

BDW 800-MX, 1000 hp single drum drawworks with lebus grooving for 1 1/8” line. Drawworks comes complete with Eaton/ Airflex 236 WCBBD Auxiliary brake. Drawworks is powered by (2) Detroit Diesel Series 60 electronically controlled engines coupled with Allison TC-955 Torque Converters.

DERRICK

Ideco 107’ double mast with a gross nominal capacity of 375,000 lbs. with 10 1/8” lines. This mast is hydraulically raised and cable scoped.

SUBBASE

Coastal Engineering box on box style 30 x 20’ wide with floor height of 16 ½’. Total design load capacity is 700,000 pounds. Floor opening for blow out equipment is 10’ x 6’ and the equipment clear height is 12 ½’ from ground level. Optional 10’ pony bases are available.



ROTARY DRIVE SYSTEM

Emsco 27.5" rotary table powered by the drawworks.

TRAVELING EQUIPMENT

- Ideco model UTBC-265, 265 ton traveling block hook combination with five 1 1/8" sheaves.
- Emsco LB-300 swivel.
- 4 1/4" x 41' square kelly.
- Baash Ross 2RCS4 square drive kelly bushings

HANDLING EQUIPMENT

PGDS HydraCat system for makeup and breakout. Varco SSW40 drillpipe spinner. International Tool A6C Kelly Spinner. Pullmaster M18, 18000 lb. hydraulic winch for the main line. Pullmaster M12, 12000 lb. hydraulic winch for the high line.

MUD PUMPS

Pumps #1 and 2 are identical. They are Mud King MZ-9 triplex pump powered by (1) MTU 12V-2000, electronically controlled engines. Pump is complete with a 20 gallon pulsation dampener and 5 x 6 charging pumps. All piping and valves are 4" 5000 lb. test pressure. Pumps come standard with 6" liners. Other liner sizes are available upon request.

MUD SYSTEM

Two tank in line configuration with an active capacity of 400 bbls. Equipped with a (2) PGDS 44 Magnum linear motion shale shakers, Halco 6" High Shear mud hopper, (2) electric driven 6 x 8 centrifugal pumps powered by Toshiba 60 hp electric motors, (6) 7 1/2 hp mechanical agitators, mud dock, and pill pit.

GENERATORS:

(2) 280 KW Stewart & Stevenson Generators powered by Series 60 electronically controlled engines mounted in an enclosed 40' x 8' x 8' high house with Square "D" switchgear and Dresser Air Compressors.

STORAGE TANK

Water tank is 40 ft. by 8 ft. wide and 8 ft. high with a 450-barrel capacity. Water is supplied by (2) 1 1/2" x 2" centrifugal pumps. Integrally mounted is a 650 gallon closed circuit cooling system with (2) 1 1/2" x 2" centrifugal pumps for brake water filtering and cooling

Fuel storage tank is 5000 gallon capacity with an environmentally safe lube rack including four 105 gal oil tanks, one 225 gal waste oil tank, and one spill prevention materials cabinet.

Secondary and tertiary containment is available upon request.

HOUSES:

Doghouse is 40' x 8' x 8' high with lockers, drinking water, first aid station, tool room, and Tool Pusher's Office.

Driller's Shack is 25' x 8' x 8' high with knowledge box, drinking water, first aid station, and safety equipment.

Machinery Shed is 23' x 8' x 8' high and houses (2) Gardner Denver Electra-Saver II 30 hp rotary screw air compressors. (2) 70 gpm hydraulic pumps and (1) 20 gpm hydraulic cooling pump.

MISCELLANEOUS

Five Star electric over hydraulic survey unit with 22000 feet of .092" slick line.