

# RIG 7

## **RIG**

Our Rig 7 is a self-propelled, hydraulically raised and scoped double with a depth rating of 8,500'. This Rig is a very fast mover and has an extremely small and flexible footprint.

## **DRAWWORKS**

Cooper LTO-550 double drum hoist powered by one Detroit Diesel Series 60, electronically controlled engine with Allison 6-speed Automatic Transmission.

## **DERRICK**

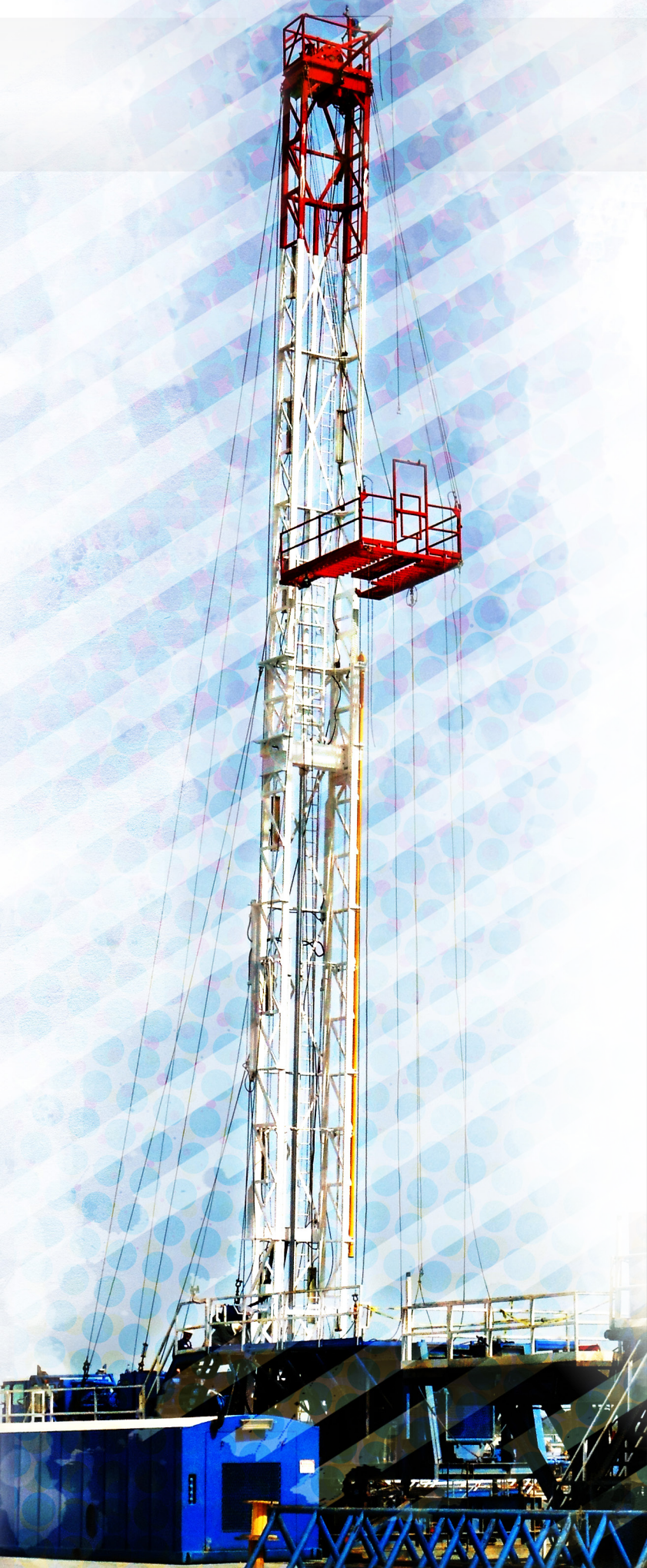
SKM 104', 260,000 lb. telescoping derrick.

## **SUBBASE**

PGDS Self Contained, Box Type Sub Base. The floor measures 20' X 16' X 13' high. This unit includes a 50' racking platform and houses the rotary drive system.

## **ROTARY DRIVE SYSTEM**

National 17 1/2" rotary table powered by Detroit Diesel Series 50 electronically controlled diesel engine with Allison HT-740 automatic transmission.



## **TRAVELING EQUIPMENT**

- McKissick model FIG-663, 150 ton traveling block hook combination with four 1" sheaves.
- Oilwell PC-150 swivel.
- 4 1/4" x 41' square kelly.
- Baash Ross 1RHS4 square drive kelly bushings

## **HANDLING EQUIPMENT**

PGDS HydraCat system for makeup and breakout. Air spinning chain. Pullmaster M8, 8000 lb. hydraulic winch for the main line. Pullmaster M8, 8000 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 320 bbls. Equipped with (2) PGDS model 357 linear shale shakers, Halco 6" High Shear mud hopper, (2) electric driven 5 x 6 centrifugal pumps powered by Toshiba 40 hp electric motors, (4) 5 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 Pusher Office and Parts Room.

## **MISCELLANEOUS:**

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