

RIG 4

RIG

Our Rig 4 is a self-propelled, hydraulically raised double with a depth rating of 8,500 feet. This Rig is a very fast mover and has an extremely small and flexible footprint.

DRAWWORKS

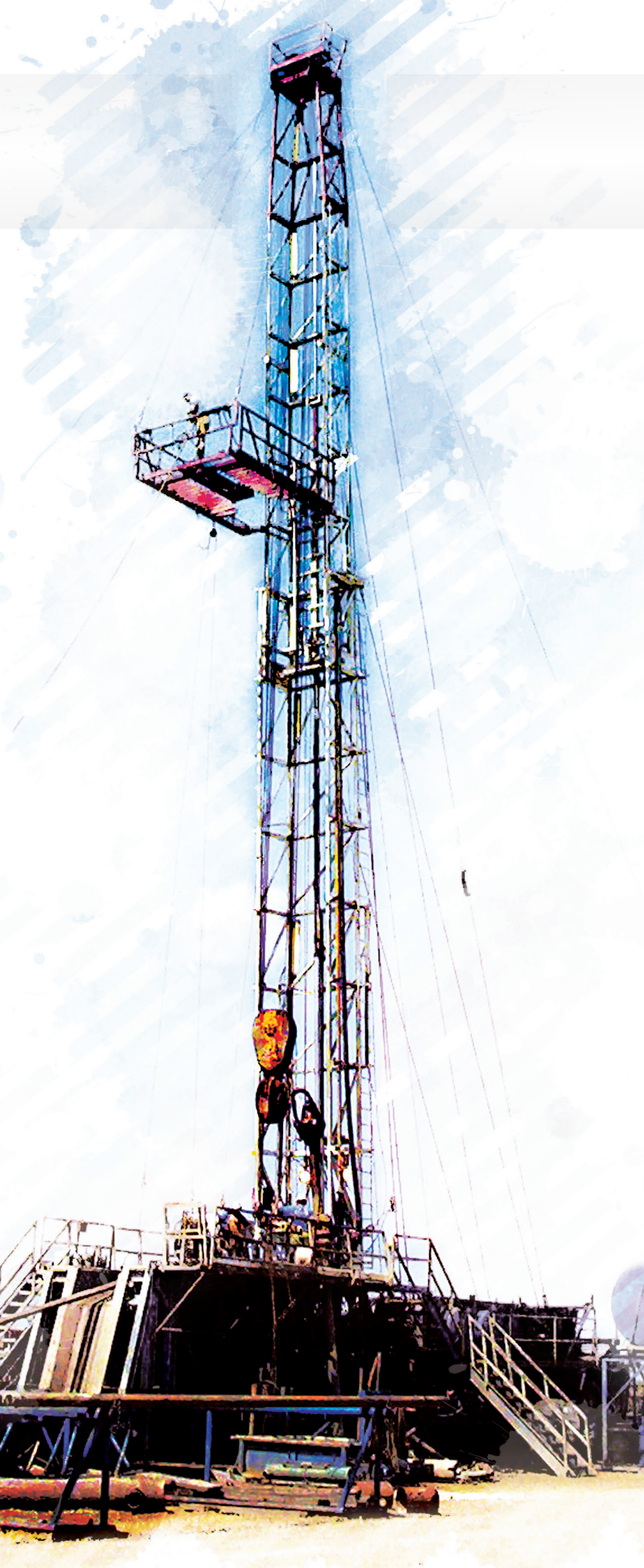
Cooper LTO-550 double drum hoist powered by one Detroit Diesel Series 60, 450 hp electronically controlled engine with Allison CLT-5860 Automatic Transmission.

DERRICK

Pemco 104' with a maximum capacity of 260,000 lb. The derrick is hydraulically raised and scoped and is mounted on the back-in unit.

SUBBASE

Hopper trailer mounted unit. The floor measures 18' X 18' X 12.5' high. Total capacity is 450,000 lbs. This unit includes a 45' 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 3560 electronic transmission.

TRAVELING EQUIPMENT

- Mud King model BHU-150, 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. Gardener Denver HKK air tugger for the high line.

MUD PUMPS

Pump 1 and 2 are identical. They are Gardener Denver PZ-8 triplex, powered by (1) Detroit Diesel 12V-2000. The power is transmitted by a Wichita 318 triple plate air clutch and (12) 8V belts. This pump is charged with a 5 x 6 centrifugal pump and comes equipped with 6" liners and pulsation dampener.

MUD SYSTEM

Two tank in line configuration with an active capacity of 320 bbls. Equipped with a (2) PGDS 357 linear shale shakers, Halco 6" High Shear mud hopper, (2) electric driven 5 x 6 centrifugal pumps powered by 40 hp electric motors, (4) 5 hp mechanical agitators, mud dock, and pill pit.

GENERATORS:

(2) 230 KW Spectrum 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' x 8' x 8' high with a 450 barrel capacity equipped with (2) 1 1/2" x 2" centrifugal water pumps powered by Toshiba 5 hp motors.

Fuel tank is 2,000 gallon capacity. Mounted on a stand for gravity feed operation. The stand also houses a four compartment lubester and 200 gallon waste oil tank.

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

15000 feet of .092" slickline is spooled on the sandline drum.