

# RIG 9

## RIG

Our Rig 9 is a conventional, full view, box on box, triple drilling rig with a depth rating of 16,500 feet with 4 1/2" drillpipe.

## DRAWWORKS

National 110-UE, S/N T-2197, Double Drum, rated at 1,500 HP Lebus Grooved for 1-3/8" Line, Kelco Make Up and Breakout Catheads, Automatic Drillers Console, NOV Control Panel, Powered by (2) General Electric 752 Traction Motors, w/5-HP Blowers. Driller's console is a NOV model 425.

## AUXILLARY BRAKE

Baylor Brake-model 2025A-Serial# PC-640, Model 1461-Dynamic brake.

## DERRICK

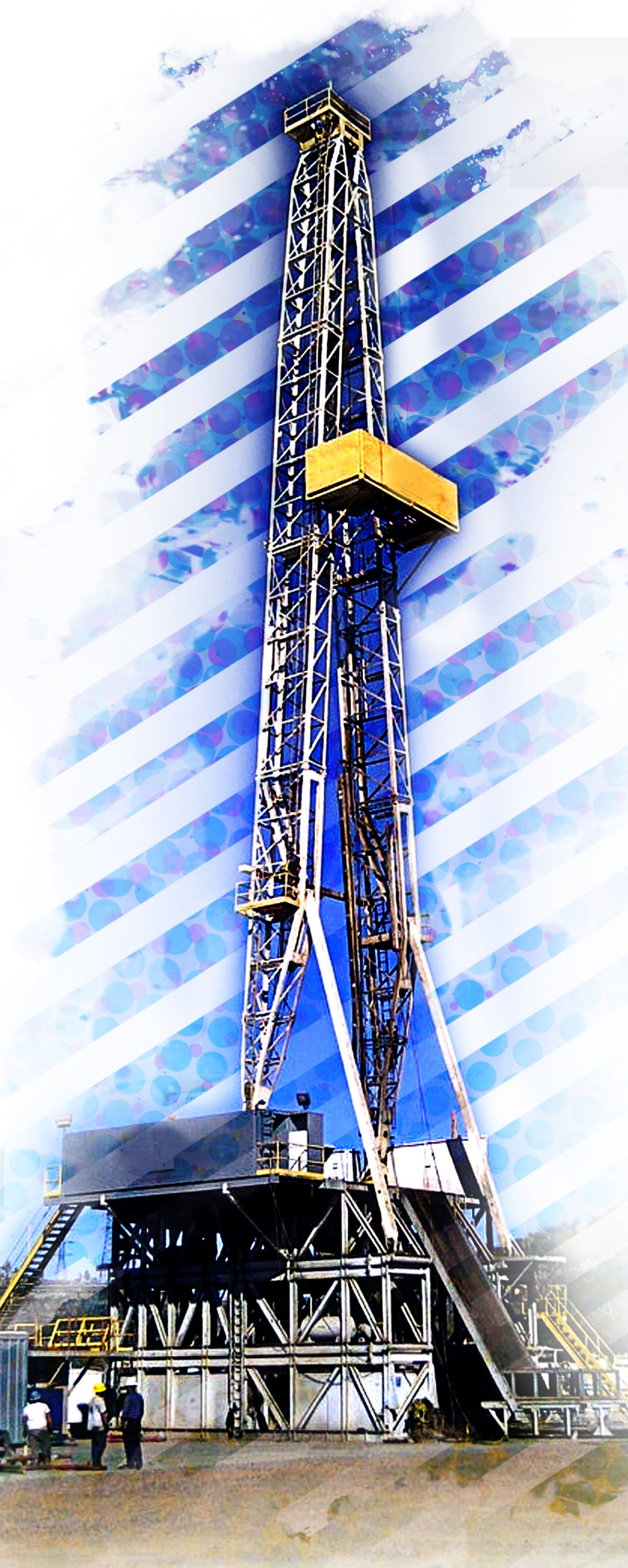
Ideco Full View, 143', 730,000 lb. Static Hook Load, Pin Type, Crown block, w/60" Sheaves grooved for 1-3/8" Line, 4" Stand Pipe, Crown Safety Platform, Anti Fall Device, Racking Board, Tong Counter Weights, Derrick Climber, Geronimo Line.

## SUBBASE

42' x 27' x 27' high box on box, w/rotary Beams, V-Door Ramp, (3) sets of Stairs, Safety Rails, (2) Air Volume Tanks, (4) Water Tanks with 2 Harrisburg 2" x 3" Centrifugal Pumps, Each Powered by 5 HP Electric Motor Wind Walls with Shipping Rack.

## ROTARY DRIVE SYSTEM

National model 275 with 27-1/2" rotary table on 53-1/4" Centers, with Varco Split Master Bushing.





## TRAVELING EQUIPMENT

- National 545, 350-Ton Capacity, with (5) 45" Sheaves grooved for 1-3/8' Line.
- National P-400, 400-Ton Capacity
- 5 1/4" x 42' square Kelly 6-5/8" LH box and 4 1/2" IF pin.
- Varco, Type HD, Square drive

## HANDLING EQUIPMENT

Kelco Make Up and Breakout Catheads. Varco SSW40 drillpipe spinner. International Tool A6C Kelly Spinner. Ingersoll-Rand, Model K6U, 10,000-lb. air tugger for the main line. Ingersoll-Rand, Model K6U, 10,000-lb. air tugger for the high line.

## MUD PUMPS

Pumps #1 and 2 are identical. They are LZHT model FC-1300, 1300 hp triplex mud pumps powered by (2) GE 752 electric motors. Pump is complete with a 20 gallon pulsation dampener and 5 by 6 charging pumps. All piping and valves are 5 inch 5000 lb. test pressure. Pumps come standard with 6" liners. Other liner sizes are available upon request.

## MUD SYSTEM

Shaker tank is 50' x 10' x 9 1/2' high, 500-barrel capacity with 10' porch walkway with handrails. Mud system is equipped with (2) 5 x 6 centrifugal pumps powered by 75 hp electric motors. Agitation is accomplished by utilizing (2) 10 hp electric agitators and a gun system.

Mixing tank is 50' x 10' x 9 1/2' high, 500-barrel capacity with 10 ft. porch walkway with handrails. Mud system is equipped with (2) 5 x 6 centrifugal pumps powered by 75 hp electric motors. Agitation is accomplished by utilizing (3) 10 hp electric agitators and a gun system.

## GENERATORS

Generator 1 is powered by a Cat 3516 diesel engine rated at 2937 hp mounted on 26' x 10' x 10' high skid complete with radiators and air starters.

Generator 2 is powered by a Cat 3516 diesel engine rated at 2937 hp mounted on 26' x 10' x 10' high skid complete with radiators air starters. Generator 3 is powered by a Cat 3512 diesel engine rated at 1476 hp mounted on 26' x 10' x 10' high skid complete with radiators and air starters.

## SCR UNIT

Ross Hill Serial #7050, Model #1400 HP. 3 Engine Bay, 3 SCR Bay, and MCB High Line Power Inlet 3 phase 600 V-3200 AMP. (2) Climate Controlled AC Units.

## STORAGE TANK

Water tank is 36' x 8' x 8' high with a 400-barrel capacity. Water is supplied by (2) 1 1/2" x 2" centrifugal pumps.

Fuel storage tank is 10,000 gallon capacity skid mounted tank with (2) 1.5" x 2" fuel transfer pumps...

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 40' x 8' x 8' high with (9) Parts Bins, (2) Side Mounted Sliding Doors, (20) Lockers, Forced Air-Heater, (8) Double Bulb Fluorescent Lights, Insulated Skid mounted.

Parts House is 40' x 8' x 8' high skid mounted with storage shelves with (2) Gardner-Denver, Electra-Screw, each powered by approx. 30-HP Electric Motor, w/Air Volume Tank, 120 PSI, Mounted in Parts House.

## MISCELLANEOUS

OWI 1600 Wireline Survey Unit W/Counter and Arm Assy. With 14,500' of .108 wire.