



Rig # 103

RIG TYPE:

Apache 250-40 Walker-Neer

DRAW WORKS:

Walker-Neer Drawworks powered by CAT C-15 Engine.

MAST & SUBSTRUCTURE:

Walker-Neer 72 foot mast
6' kb Substructure Mounted on a three axle trailer.

POWERED PUMPS:

2 Wilson-600, 5 1/2-in. by 18-in. duplex pumps powered by CAT C-15 Engines

MUD SYSTEM:

1 Reserve pit pump, Harrisburg, 4 in. x 3 in., with 25-hp motor

TOP HEAD DRIVE & POWER UNIT:

King Oil Tools PS-15 Top Drive powered by a CAT 3406 Hydraulic Unit.

WATER TANK:

1 500-bbl. Freshwater tank.

WELL CONTROL EQUIPMENT:

- 1 Shaffer LWP double ram preventer 9 in., 3000 psi
- 1 Cameron dual choke manifold, 3 in., 3000 psi
- 1 Koomey dual air accumulator, 210 gal.
- 1 8-in., 900 x 10 3/4 8rd flange
- 1-in. x 20-ft steel flex hoses and 1-in. pipes

PIPE AND DRILL COLLARS:

- 1 8-in. drill collar, 6 5/8 reg. connections
- 21 6 1/4-in. x 2 1/4-in. drill collars, range II, with 4 1/2-XH connections
- 120 4575 ft of 4 1/2 drill pipe, 16.60 E, range III, with 4 1/2-XH connections
- 5 Sets of pipe racks

RIG SUPPORT: (Mounted on a two axel trailer)

- 1 Shop-made Doghouse.
- 1 3,000 gallon diesel vented storage tank.
- 1 CAT C-3306 SR-4, 130-kw. Light Plant.

HANDLING TOOLS & AUXILIARY EQUIPMENT:

- 1 Pipe Handling Boom
- 1 Pason Equipment (Rental)
- 1 8-in., 8 5/8-in. and 6-in. drill collar slips
- 1 4 1/2 Wooley slip
- 1 5 1/2 Brash Ross slip
- 1 BJ "C" tongs
- 1 Web Wilson "C" tongs