



*Rig # 102*

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**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:**

- 1 Wilson-600 duplex mud pump powered by CAT 353 Engine
- 1 Ideco Mud Mover 550 duplex mud pump powered by CAT 353 Engine

**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:**

- 2 8-in. drill collar, 6 5/8 reg. connections
- 18 6 1/4-in. x 2 1/4-in. drill collars, range II, with 4 1/2-XH connections
- 150 4575 ft of 4 1/2 drill pipe, 16.60 E, range II, 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-3304 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