

DRAWWORKS

Mid Continent U-712A

Drum: 1¼" Lebus grooved

Compound: 2-engine oil bath chain drive

Brake: Hydromatic Parkersburg 46" Double

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel

DERRICK

Lee C. Moore, 131', 550,000 lb. nominal capacity

SUBSTRUCTURE

Lee C. Moore, 18' high, 550,000 lb. nominal capacity

MUD PUMPS

Pump No. 1: Emsco F-800 Triplex. 800 H.P. with steel fluid end. 4¾" - 6½" liners, 9" stroke stroke. Compound-drive.

Pump No. 2: Emsco DB550, powered by D379 Caterpillar Diesel.

DRILL STRING

3000' 4½" Grade E, 20 lb.

Tool Joints: 4½" H-90, 6¼" OD,

12000' 4½" Grade E, 16.60 lb.

Tool Joints: 4" H-90, 6" OD

Thirty Drilco spiral-grooved 6½" OD, 2¼" ID.

With 4" H-90 Joints.

Other sized drillpipe & drillcollars available.

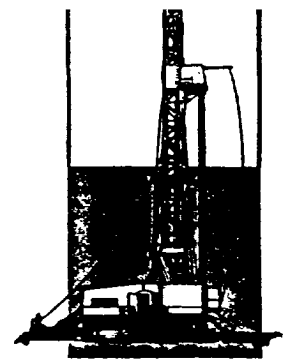
BLOWOUT PREVENTERS

One Shaffer LWS hydraulic double 10" x 1500 series. One Hydril 10" x 1500 series.

Choke manifold 4" x 1500 series flanged connections. Payne 4 valve accumulator closing unit.

MUD SYSTEM

3 - 30 x 8 x 6 steel pits, with 750 Bbl. capacity. Complete low pressure circulating system, consisting of four submerged mud guns and two counter sunk jets in each pit. System utilizes two - 6 x 8 centrifugal pumps, powered by diesel.



**MORANCO
RIG 3**
9,000'-15,000'

MUD HOUSE

One - 8' x 30' Steel Storage House.

COMMUNICATIONS

24 - Hour direct telephone interconnection through Hobbs (A.C. 505-397-3291) or Midland - Odessa (A.C. 915-563-0562).

OTHER EQUIPMENT

BLOCKS - Oilwell 350 Ton

HOOK - BJ4300 350 Ton

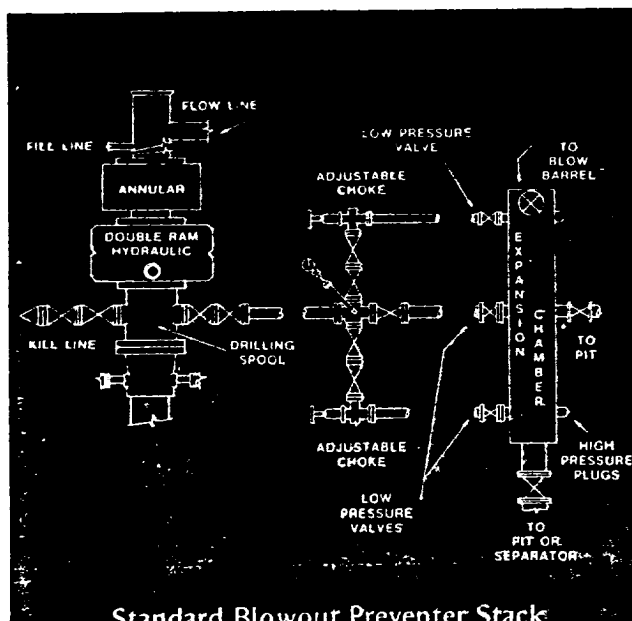
SWIVEL - NAT P400 350 Ton

LIGHT PLANTS - One 40 KW and one 15 KW AC generators, powered by diesel engines.

LIGHTS - AC fluorescent or mercury - All vapor proof.

FRESH WATER STORAGE - two 500 Bbl. and one 400 Bbl. horizontal tanks.

HOUSING - 1 - 8' x 36' airconditioned trailer house, with sleeping and cooking facilities.



Standard Blowout Preventer Stack

