

## DRAWWORKS

Brewster N-7-2W  
Drum: 1-1/8" Lebus grooved  
Compound: 2-engine oil bath chain drive  
Brake: Hydromatic Parkersburg 40" Single

## ENGINES

Two 410-H.P. D353TA Caterpillar Diesel.

## DERRICK

Lee C. Moore, 127', 440,000 lb. nominal capacity.

## SUBSTRUCTURE

Lee C. Moore, 10' high, 440,000 lb. nominal capacity.

## MUD PUMPS

Pump No. 1: Emsco DB700. 700 H.P. with steel fluid end. 4 3/4" - 7 3/4" liners, 16" stroke. Compound-driven.  
Pump No. 2: National C-250, powered by D353 Caterpillar diesel.

## DRILL STRING

8400' -- 4 1/2" Grade E, 16.60 lb.  
3000' -- 4 1/2" Grade E, 20 lb.  
Tool Joints: 4" H-90, 6" OD  
Thirty Drilco spiral-grooved 6 1/2" OD, 2 1/4" ID. With 4" H-90 Joints.  
Other sized drillpipe & drillcollars available.

## BLOWOUT PREVENTERS

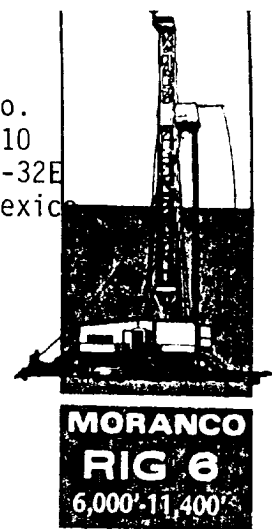
One Shaffer LWS hydraulic double 10" x 900 series. One Hydril 10" x 900 series.  
Choke manifold 4" x 900 series flanged connections.  
Payne 4 valve accumulator closing unit.

## MUD SYSTEM

3 - 30 x 7 1/2 x 6 steel pits, with 700 Bbl. capacity. Complete low pressure circulating system, consisting of four submerged mud guns and two counter sunk jets in each pit. System utilizes a 6 x 8 centrifugal pump, powered by diesel.

## EXHIBIT

Harvey E. Yates Co.  
Young Deep Unit #10  
Sec. 10, T-18S, R-32E  
Lea County, New Mexico



## 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 -- McKissick 350 Ton

HOOK -- BJ4300 350 Ton

SWIVEL -- NAT N47 200 Ton

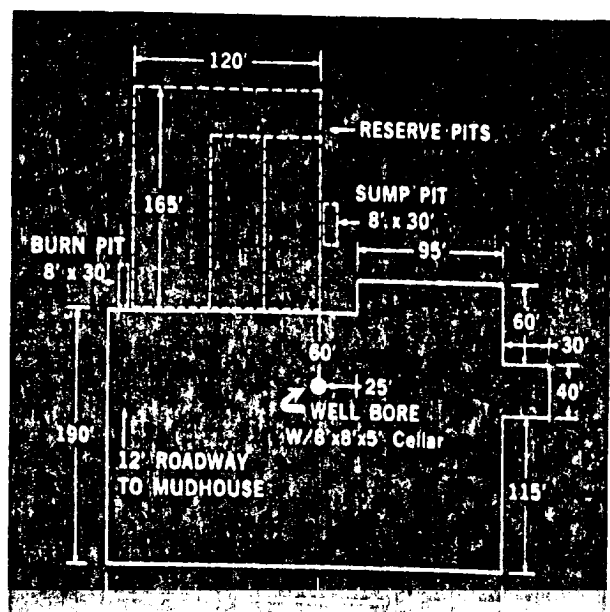
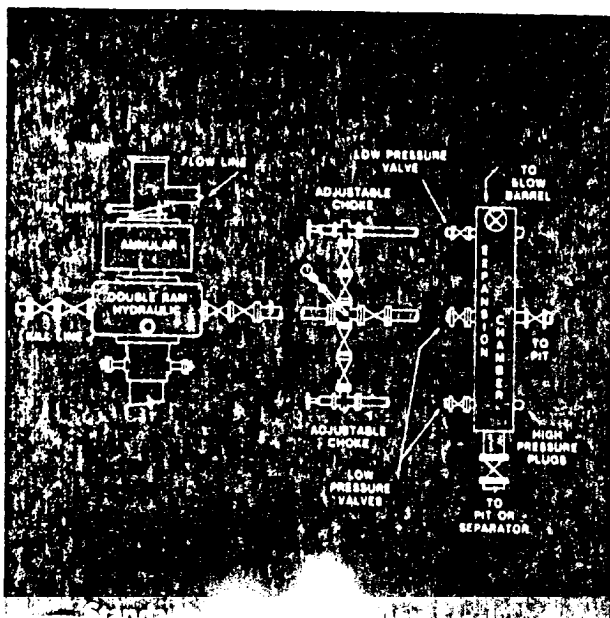
LIGHT PLANTS -- Two 15 KW AC generators, powered by diesel engines.

LIGHTS -- AC fluorescent or mercury -- All vapor proof.

SHALE SHAKER -- Link belt, single screen.

FRESH WATER STORAGE -- two 500 Bbl., horizontal tanks.

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



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