

INDEPENDENT DRILLING, LLC

RIG #10

CLASSIFICATION:

1,500 HP Mechanical

DRILLING DEPTH CAPACITY:

16,500' (4 -1/2 DP)

MAST:

142'

750,000 # Load Capacity

SUBSTRUCTURE:

Box on Box

21' Clear Work Area

DRILL LINE:

1-1/4" domestic line

DRAWWORKS:

EMSCO J -1100 w/Parkersburg 60"

Hydromatic

Emsco Transmission

Emsco Compound

POWER SYSTEMS:

(2) MTU 2000 V12

TOP DRIVE:

JH 500ton, 800 HP AC VFD

40,500ft lbs. Drilling Torque

60,450ft lbs. Break-Out Torque

0-230 rpm, C27 Gen Set

ACCUMULATOR SYSTEM:

18 Bottle Unit Powered by 2 Air
Pumps and 1 Electric Triplex Pump

CHOKE MANIFOLD:

10,000 lb w/5 Way Cross

3 Way Tee w/(2) 3-1/16" Valves

(5) 1-13/16" & (1) 2-1/16" Valves

Expansion Chamber & /Adj. Choke

MUD PUMPS:

(2) F-1300 powered by MTU 2000 V16
with 5x6 Charging Pumps

MUD TANK SYSTEM:

(2) Tanks with 1000 BBL Capacity

(2) Mongoose 440-480V UL Shakers

12 Cone Desilter

2 Cone Desander

MCM Degasser

(4) 15HP Agitators

(1) 5HP Agitator

(4) 2" Gun Lines

MUD MIXING PUMPS:

(2) 5x6x14 Centrifugal Pumps

(2) 75HP Electrical Explosion Proof