

INDEPENDENT DRILLING, LLC

RIG #11

CLASSIFICATION:

1,000 HP Mechanical

ROTARY:

T. S. ZP205 20 1/2"

DRILLING DEPTH CAPACITY:

13,000' (4 -1/2 DP)

DRAWWORKS:

EMSCO J -750 with EMScope compound
PARMAC 342 hydramatic with over run
Clutch

MAST:

136' Lee C. Moore
539,000 # load capacity

POWER SYSTEMS:

(2) Detroit Diesel 60 Series
500 HP each

SUBSTRUCTURE:

18' box on box
350,000 # set back

ANNULAR PREVENTORS:

11' x 5M Hydrill

DRILL LINE:

1-1/4" domestic line

RAM PREVENTORS:

11" x 5M Hydrill V DBL. Ram
4-1/2 and 3-1/2 Rams

TRAVELING BLOCK AND HOOK:

Mud King BHU block/hook combination
250 ton, w/(5) 36' sheaves, 1-1/4" line
Unitized with hook

ACCUMULATOR SYSTEM:

6 station w/2 air pumps and 1 triplex

TOP DRIVE:

JH 250 ton, 400 HP AC VFD
24,300ft lbs. drilling torque
36,850ft lbs. break-out torque
0-180 rpm, C27 Gen Set

CHOKE MANIFOLD:

3-1/16 x 10M Choke Manifold:
(2) 3-1/16 x 10M gate valves, (4) 1-13/16
x 10M gate valves, (2) 2-1/16 x 10M ad-
justable chokes, (1) 1-13/16 x 10M tee for
panic line, (1) 1-13/16 x 10M 4-way cross,
(2) 2" ball valves @ melon

SWIVEL:

EMSCO L-400

3-1/8 x 5M Drilling Choke:

(9) 3-1/8 x 5M gate valves, (2) 4-way 3-
1/8 x 5M cross, (1) 2-1/16 x 5M gate
valve at pressure gauge, set up for (2) hy-
draulic choke valves

Kelly:

5-1/4" x 40' Hex