

RIG NO. 21

CLASSIFICATION: 1500 HP Electric - Walking

SWIVEL:

Continental Emsco LB 400 ton

DRILLING DEPTH CAPACITY:

18,000' w/ 5" dp

DRILL PIPE:

5" od

POWER SYSTEM:

Three (3) CAT 3512B diesel engines with three (3) CAT 1225 KW AC generators and Ross Hill SCR model 1400, four (4) bays to power pumps, drawworks, lighting and hotel load

DRILL COLLARS:

Ten (10) 8"

Twenty-four (24) 6-1/2"

Twenty-four (24) 4-3/4"

DRAW WORKS:

National 110-UE with 7040 baylor brake powered by two (2) GE-752 traction motors

ANNULAR PREVENTER:

Hydril Type 13-5/8 5000 psi WP with 10,000# flange

MAST:

Superior 142' Mast rated at 840,000 SHL

RAM PREVENTERS:

Cameron 13-5/8" 10,000 psi WP double ram

Cameron 13-5/8" 10,000 psi WP single ram

DRILL LINE:

1-3/8" EIPS

CHOKE MANIFOLD:

4-1/16" x 3-1/16" 10,000 psi WP

SUBSTRUCTURE:

Pyramid 31' high self-elevating substructure with 24' 8" clear height under beams with a rated casing capacity of 730,000 lb with 500,000 lb setback

ACCUMULATOR SYSTEM:

Shaffer (7) station with remote control, 240 gal.

MUD PUMPS:

Three (3) Bomco F1600 triplex pumps each rated at 1600 hp, each driven by two (2) GE752 traction motors

MUD SYSTEM:

Three (3) Tank 1500 BBL System

Three (3) Derrick 503 HG shakers

Derrick model 503 3 in 1 mud cleaner

Brandt Vacuum Degasser

ROTARY:

National 27-1/2" Powered by one (1) GE 752 traction motor

AUXILLARY EQUIPMENT:

One (1) 500 BBL water tank

Two (2) 12,000 gal fuel tanks

Automatic driller

Pipe spinner

Kelly spinner

Totco electronic drilling recorder

0-7 degree drift indicator

NOV- Iron Roughneck type ST80-C

Five Star "Surveyor" .092 Wireline unit

TOP DRIVE:

NOV TDS 11 SA

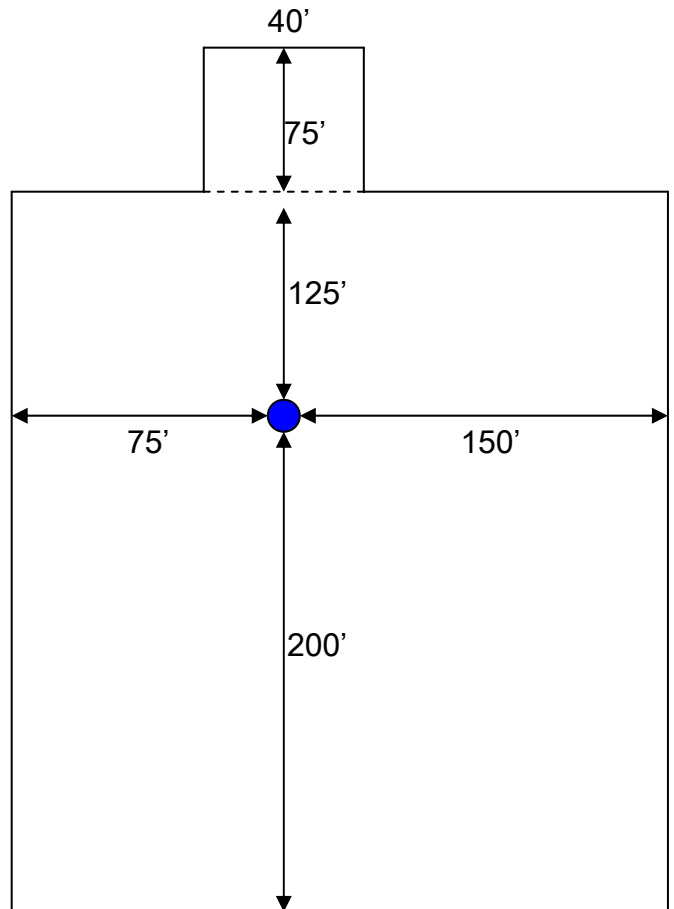
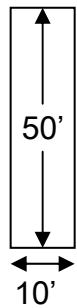
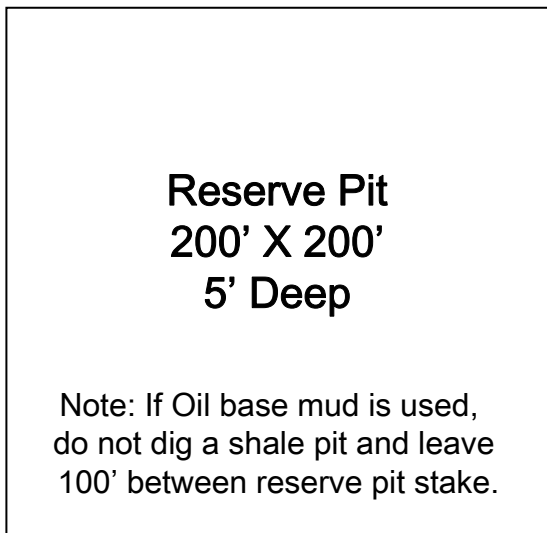
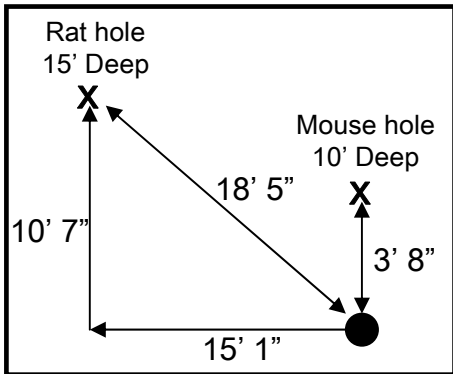
BLOCK AND HOOK:

National 400 ton block

Web-Wilson 350 ton hook



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Road

PIONEER
DRILLING
C O M P A N Y



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