



RIG #239

DRAWWORKS

National Oilwell Varco ADS-10SD (1500HP)
(2) AC Cage Induction Motors (1150HP each)
1 3/8" drill line, Amphion Control System

POWER

(3) Caterpillar 3512 engines w/ 1365 KW generators

AC DRIVE SYSTEM

NOV Model 1402
AC Drive House with Top Drive Control
integrated into AC House

MAST

National Oilwell Varco 142' w/ 750,000# capacity
on 10 lines
Block and Top Drive remain in mast during mobilization

SUBSTRUCTURE

National Oilwell Varco 25' Sling Shot
KB 26' 6" Rotary beam clearance 21' 8"

BLOCK HOOK

National Oilwell Varco (500 Ton)

DRILLERS CABIN

S-DAQ Drilling Information System
Joy Stick Control w/ Emergency shut down
Crown and Floor Saver

PUMPS

(2) National FD-1600 (1600HP each) triplex pumps
Each independently powered by (2) Baylor AC Cage
Induction Motors

MUD PITS

(2) tank system - 1200 bbl capacity w/ 100 bbl slug pit
with steel tank covers

SOLIDS EQUIPMENT

Brandt King Cobra Dual Shaker
Vacuum degasser
Mud gas separator
(7) mud agitators

BOP'S

13 5/8" X 5,000 psi Cameron annular
13 5/8" X 10,000 psi Cameron double
13 5/8" X 10,000 psi Cameron single
Wrangler BOP Handler

CONTROL

Koomey 6-Station 242 gallon accumulator

CHOKE MANIFOLD

10,000 psi choke manifold

TOP DRIVE

Varco TDS-11-SA (500 Ton)

ROTARY TABLE

National Oilwell Varco ZP-375 (37 1/2")
Independent rotary driven by (1) variable
motor (400HP)

DRILL PIPE

5" drill pipe

DRILL COLLARS

8" and 6 1/2" drill collars
*quantity subject to availability

AUXILIARY EQUIPMENT

Pason EDR (base system)
Fuel Tank - 16,800 gallon capacity
Water Tank - (2) 500 barrel capacity each
Rig Manager and Crew Quarters
NOV ST-80-C Iron Roughneck
NOV Electronic Drilling System
Pipe Wrangler 3500 hydraulic catwalk
Grayco survey unit
Man rider
Power slips