



## Rig 581 Inventory

(Nomac Rig 81)

**DRAWWORKS:**

National Oilwell DSGD375 1500 HP  
Powered by (1) Amerimex 1500 HP AC motor

**MAST:**

Lee C. Moore HMR 142'  
750,000 LB SHL on 12 lines  
22,000' of 5" drill pipe capacity  
\*Block and top drive capable of being transported in mast

**SUBSTRUCTURE:**

Lee C. Moore Box-on-Box  
3-box w/ 25' floor height  
750,000 LB casing load w/ 600,000 LB setback  
\*Includes rig walkers

**TRAVELING EQUIPMENT:**

BLOCK HOOK:  
LCM 650-375, 375 ton

**ROTARY TABLE:**

National Oilwell C-275 type Independent Hyd.  
Drive

**DRIVE SYSTEM:**

NOV 4 x 5 AC VFD w/ Amphion controls  
Highline Power Capabilities

**ENGINE/GENERATORS:**

3 - Caterpillar 3512C / Kato 1365kW generators

**MUD PUMPS:**

2 - National Oilwell 12-P-160, 1600 HP,  
**7500 PSI**  
Each powered by (1) Amerimex 1500 HP motor

**MUD SYSTEM:**

3 tank, 1000 Bbl w/ 100 Bbl pre-mix included

**SOLIDS CONTROL EQUIPMENT:**

SHAKERS:  
3 - NOV King Cobra Hybrid w/ CGC

DEGASSER:

National DG-ATM

MUD CLEANER:

NOV King Cobra Hybrid Mud Cond.

MUD GAS SEPARATOR

TOP DRIVE:

NOV TDS-11, 500 ton

HYDRAULIC CATWALK:

Canrig PC3000

**BOP EQUIPMENT:**

ANNULAR:  
Shaffer Spherical type 13-5/8" - 5K WP

DOUBLE:

Cameron Type U 13-5/8" - 10K WP

**CHOKE MANIFOLD:**

3" x 3" 10000 PSI

**CLOSING UNIT:**

Axon Type 80, 6 station, 220 gallon

**AUXILIARY EQUIPMENT:**

BOP Hoist:  
Lee C. Moore 50 ton

Iron Roughneck:  
Varco ST-80C

Water Tank:  
500 Bbl

Fuel Tank:  
15,000 gallons

Trip Tank:  
100 Bbl

Hyd. Hoists:  
3 - Braden PD12C

Pipe Spinner:  
Gray Mark 20

Wireline Machine:  
Millennium 15,000' - .108"

EDR:  
MD Totco

**RIG WALKING SYSTEM:**

Lee C. Moore Rig Rover 800 ton  
\*Accommodates X & Y directions

**TUBULARS:**

Drill Pipe: 18,000' 5"  
Drill Collars: As Required

**OPTIONAL EQUIPMENT:**

1 - 5' middle substructure box for 25' rig floor  
2 - Cameron Type U 13-5/8" - 10K WP single