

# 3,000 hp Triple Mast Pad Land Drilling Rig - Available for Sale

## SUBSTRUCTURE

Lee C. Moore HMRII hydraulically raised, self-elevating.  
w/ integrated Columbia Moving System  
Floor Height: 30 (9.14m)  
Clear Height: 24' (7.35m)  
Rotary Capacity: 1,315,000 lbs (584,956 daN)  
Max Pipe Setback: 1,000,000 lbs (444,800 daN)  
Casing Capacity: 1,250,000 lbs (556,000 daN) irrespective of setback

## MAST

145' (44.2m) Lee C. Moore HMRII hydraulically raised design  
Static Hook Load: 1,250,000 lbs (556,000 daN)  
Drill Line: 1-5/8"  
Racking Capacity: 26,200' of 5-1/2" DP (8,000m of 140mm DP)

## BLOCK-HOOK

Lee C Moore 650 Tons Becket rated at 1,300,000 lbs (578,268 daN)

## ROTARY TABLE

HHF 37-1/2 37-1/2" (952.5 mm) round opening.  
Rotary Load Capacity: 1,315,000 lbs (584,956 daN)

## DRAWWORKS

Pacific Rim Engineered Products 3,000 Hp AC Drawworks, Grooved for 1-5/8" (41.3mm) drilling line  
Input Power: (2x) Amerimex 1,500 hp induction motor  
(2x) Svenborg BSK series caliper brakes for emergency braking

## MUD PUMPS (3)

Gardner Denver PZ-2400 Triplex Pump Rated Power: 2,400 hp  
Stroke: 14" (356 mm)  
Input Power: (1) 2,400 hp (1,790 kW) AC induction motor  
Pressure Rating: 7,500 psi (51.7 MPa)

## MUD TANKS SYSTEM

Three Tanks w/ 1,761 bbls (280 m<sup>3</sup>) total capacity  
(6x) Centrifugal Pump 6" (152mm) x 8" (203mm) x 14" (356mm)  
Direct drive centrifugal mix pumps.  
Electric over air operated valves.

## SCALPING TANK

Main Tank 176 bbls (28 m<sup>3</sup>) with two 6" (152mm) x 5" (127mm) x 14" (356mm) direct drive centrifugal transfer pumps.

## SHAKER

(4x) Derrick Dualpool Shakers mounted on the scalping tank.

## MUD GAS SEPARATOR (Degassers)

NACE trim

## BOP (NACE Standards)

13-5/8" (346 mm) x 5,000 psi (34,475 kPa) Annular  
(3x) 13-5/8" (346 mm) x 10,000 psi (68,950 kPa)  
Ram Preventer Stack  
5" - 6-5/8" (127-168mm) variable bore ram blocks

## BOP Handling System- Lee C Moore

Note: Alternate BOP Sizes are available

## ACCUMULATOR

360 gallon, 3,000 psi (21,000kPa) 7- station, with PLC electric remote.  
Flare tank with igniter.

## TOP DRIVE

Tesco 500 ton ESI 1350 Max Speed: 220 rpm  
Hoisting Capacity: 500 tons  
Input Power Rated: 1350 Hp (1,007 kW)  
Continuous Drill Torque: 70,000 ft-lbs (9,490 daN-m)  
Max Torque (Make-Up): 84,000 ft-lbs (11,388 daN-m)  
Max Torque (Break-Out): 100,000 ft-lbs (13,588 daN-m)

## IRON ROUGHNECK

Varco ST-100 Conn. Range: 4" (101 mm) to 9-3/4" (247 mm)  
Spin Speed: 80 RPM -nominal on 5" (127 mm) Drill Pipe  
Spin Torque: 3,000 ft-lbs (4,070 Nm)  
Maximum Make-Up Torque: 100,000 ft-lbs (135,582 Nm)  
Maximum Break-Out Torque: 120,000 ft-lbs (162,698 Nm)

## FLOOR TOOLS

Weatherford S3 Iron Derrickman, Blohm and Voss PS-500 power slips, Blohm and Voss rotating mouse hole.

## SELF MOVING SYSTEM - WALKING

Lee C. Moore Rig Rover walking system capable of moving in the x, y and rotate. 200' (61m) in utility suitcases.

## CATWALK MACHINE

Axiom Hydraulic Power Catwalk capable of moving tubulars up to 47' (14.3m) and 12,000 lbs (5,455 Kg)

## POWER SYSTEM

Five Caterpillar 3512 generators sets with CAT's bi-fuel system rated at 1,475 Hp (1,100 kW) output each,  
GE (Convertteam) generator controls and VFD's  
Total power available: 7,375 Hp (5,500 kW) continuous.  
Rig is capable of running on highline power through operator supplied transformer.  
Dual Fuel Compatible (Diesel / Natural Gas)

## TUBULARS

Drill Pipe: Supplied as needed, *per availability*  
Drill Collars and Heavy Weight: Supplied as needed, *per availability*

## Miscellaneous

Water Tank: 755 bbls (120 m<sup>3</sup>) Fuel Tank: 16,900 Gals (64,000 Liters)  
Boiler: (2x) 125 Hp steam boilers. Boilers are rigged up for Natural Gas or Diesel Operations.  
Genie, steel matting for improved load distribution, 240 Gallon Vacuum.

## TOOL / STORAGE / CAMP

Parts Storage Room and Tool House Room  
Rig Manager Trailer

