

2000 HP x 1,300,000 LBS.HOOK LOAD OILFIELD DRILLING RIG



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2000 HP x 1,300,000 lbs. HOOK LOAD
OILFIELD DRILLING RIG

CODE: (N) New (R) Refurbished

MAST: (R)

Model: 147' Pyramid Self-Elevating
Hook Capacity: 1,300,000 lbs.
Clear Height: 147 feet
Racking Capacity: 20,000 ft. of 5" ø (Triples)
Mast will accommodate a 500 Ton Top Drive
Mast is API 4F-0167 Monogrammed and Certified

SUB STRUCTURE: (R)

Model: BHL Self-Elevating Substructure
Drill Floor Height: 25 ft.
Casing Capacity: 1,300,000 lbs.
Setback Capacity: 800,000 lbs.
Total Capacity: 2,100,000 lbs.
Substructure is API 4F-0167 Monogrammed and Certified

V-DOOR: (N)

CAT WALK: (N)

2 Pieces, each 18" H x 5'W x 30'L

DRAWWORKS:

Model: National 1320 UE (R)
Rated Horsepower: 2000 HP
Drive Motors: 2 – 1250 HP Joliet Traction Motors (R) with
10hp Blowers (N)
Auxiliary Brake: 7838 Electric Brake (N)
Brake Cooling: 50 bbl water tank, (R) w/
4 x 3 x 13 centrifugal pump and 30 hp electric driver (N)

DRILL LINE: (N)

Make: Union Wire Rope, 5,000 ft.
Type: 1 5/8" RRL, EIPS, IWRC

DEADLINE ANCHOR: (N)

Make: Hercules Model 131-T, 100,000 lbs.

Hook Load Capacity on 14 lines: 1,400,000 lbs.

DRILL LINE SPOOLER: (R)

Type: Electric Drive

Capacity: 5,000 ft of 1 5/8" Drill line

TRAVELING ASSEMBLY: (R)

Block: Model – 650 Ton

Rating – 650 Ton

Sheaves – 7

Hook: Model – 650 Ton

Rating – 650 Ton

Elevator Links: 144", 650 Ton

TOP DRIVE: Tesco 500 Ton

ROTARY EQUIPMENT:

Swivel: Model – 650 Ton (R)

Rating – 650 Ton

Kelly: Type – Hexagonal (R)

Size – 5 1/4", 40 feet

Kelly Bushing; Pin Drive (R)

Kelly Hose – Type: Grade D – API 7K, 7,500 psi; 75 feet long (N)

Rotary Table: Type – Model RT375 (R)

Size: 37 1/2" Square

Rating: 650 ton

Drive: 1 – GE752 /Joliet Traction Motor (R) w/10hp detached blower (N)

Master Bushing: 37 1/2" (R)

Inserts bowls, 1, 2, &3 (R)

MUD SYSTEM:

Mud Pumps: (3) 1600 HP Gardner Denver PZ11 (N)

Type – Triplex

Drivers: 2 –Joliet Traction Motors (R) w/10 hp blowers (N)

Pulsation Dampeners: 7500 psi (R)

Charging Pumps – 8 x 6 x 11 Centrifugal w/75 hp electric driver (N)

Active Tanks: 1500 BBL Capacity – 3 Tanks (N)

Shaker Tank; 500 bbl (N) w/

3 –Shale Shakers, 600 gpm each (N)
3 - Circulating Pumps: 6 x 5 x 11 w/60 hp electric drivers (N)
1 – Drilco Degasser, 1000 gpm w/ 10 hp driver (N)
1 –Desilter, 12 cone, 1000 gpm rating (N)
1 –Desander, 2 cones, 10” 1000 gpm rating (N)
4-Agitators (N)

Suction Tank; 500 bbl (N) w/
2 – pumps, 6 x 5 x 11 w/60 hp electric drivers (N)
3 –Mud agitators (N)
2 –Hoppers (N)
Intermediate Tank: 500 BBLS (N)
2 – Agitators (N)

Trip Tank: 75 bbl (N) w/
2 – 4 x 3 x 13 centrifugal pump with 30 hp electric driver

Reserve Mud: 1000 bbls (2 Tanks)

GENERATOR UNITS:

Engines: 4 Caterpillar 3512C, 1450 HP ea. (5800 HP Total) (N)
Generators: 4 Kato 6P6-3300 Synchronous Brushless Revolving
Field Generator rated at 1365 kw for SCR Application,
(New)

SCR HOUSE:

4 Gen x 4 SCR system (N)
600 VAC, 750 VDC 3 phase
Input 1,600 Amps, 60 hz
Output; 750 VDC, 2,000 AMP ADC
Climate controlled, self contained unit.

AUXILARY EQUIPMENT & STORAGE

Air Compressor (N)

2 – Curtis 40 Series, Screw Type, 173 CFM, 125 psi
Powered by 40 hp electric drivers

Air Receivers (N)

2 – 200 gallon vertical

Cold Start Compressor (N)

1 – Lambardini 10 hp Diesel pull start, Model CAERSPKG, R series
1 – 40 Gallon receiver attached, 25.25 ACFM @ 100 psi

Dog House (R)

1 – 8 feet x 35 feet driller's side mounted

Change House (R)

1 – 8 feet x 40 feet w/ 24 individual lockers, shelves and table

Fuel Tank (R)

1 – 250 bbl Tank w/

1 – RCI Fuel purifier, Dayton GPCV6V-05 pump with
2 hp, 3 ph electric pump motors

Water Tank (R)

1 – 500 bbl tank with

2 – 4 x 3 x 13 centrifugal pumps driven by 30 hp electric motors

INSTRUMENTATION, CONTROL & RECORDING EQUIPMENT (N)

Driller's Console, AOI Custom, Single Bay w/ (N)

Model 100 Weight Indicator

Electric torque indicator

Rotary RPM indicator

Pump Pressure Gauge

Tong line pull indicator

Down Time valve

Pump Stroke Counter

Satellite automatic driller

Driller's Control Console (DCC) (N)

1 – 12 Position Selector Switch,

1 – Drilling / Tripping

1 – Drawworks speed selection

1 – SCR/MP-1/MP-2, Drawworks/Rotary, T.A. Control unit

1 – Hydraulic Tong Controls

1 – Emergency Brake Control

Drilling Recorder (N)

1 – ARG series 5 pen recorder to record;

Hook Load

ROP

Rotary torque

Pump Pressure

Rotary RPM

Totco Deviation Tool, 0 – 8 degrees

BOP PREVENTION & WELL CONTROL EQUIPMENT

Preventor

1 – Annular Type, 13 5/8" API, Shaffer 5,000 psi rating (R)

1 – Ram Type preventors, 13 5/8" 5,000 psi, Cameron
Type U Double (R)

1 – Ram Type preventors, 13 5/8” 5,000 psi, Cameron Type U

Single (R)

1 – of Each Ram set, 13 3/8”, 9 5/8”, 7”, 6 5/8” (R)

1 – set Blind rams (R)

1 – Adapter/Spacer spool, 13 5/8”, 5,000 lb (R)

1 – set Risers and bell nipples (N)

Choke Line Valves (R)

2 – handle gate valve 3”, type flange

2 – hydraulic gate valve 3” type flange

Kill Line Valves: (R)

2 - handle gate valve 3”, type flange

2 - hydraulic gate valve 3”, type flange

Accumulator Unit and Control (R)

1 – Consolidated Pressure Control 5S-2160-25 Manifold 5036,
triplex pump, 220 gallon, 3,000 psi

12 bottle, 300 gal reservoir w/ air pump & 25 hp driver

1 – Remote Control BOP on Rig Floor

Choke Manifold (R)

1 – 5,000 psi Cameron with adjustable 2 9/16” API

1 – Remote control panel on rig floor

Gas Buster

1 – OEM Poor Boy 30” (N)

DRILLING FLOOR EQUIPMENT

Slips: (R)

2 - each Wooley XL type A for,

9 1/2” Drill Collar

8” Drill Collar

6 1/2” Drill Collar

5” Drill Pipe

7” Casing

9 5/8” Casing

13 3/8” Casing

Elevators: (R)

2 - each Wooley 350 ton for 5 drillpipe

Tongs: (R)

Wooley Super B for

9 1/2” Drill Collar

8” Drill Collar

6 1/2" Drill Collar
5" Drill Pipe
7" Casing
9 5/8" Casing
13 3/8" Casing

Dog Collars/Safety Clamps: (R)
2 – 9 1/2" and 8" Drill Collar
2 – 6 1/2" Drill Collar

Spinning Tongs: (R)
JT Flour International Model SSW40

Hydraulic Cathead: (N)
2 – Hydraulic Cylinders with independent controls on driller's console

Hydraulic Power Unit: (N)
1 – World Wide, 30 gpm, Hartmann PVX464-CKXXX-20FL pump w/ 20hp model XWWE20-18-256TC, electric drive

Wire Line Unit: (N)
1 – Fire Star Rig & Supply, Model 097X20000 w/ 20,000 ft .092 wire

Air Hoists: (N)
2 – Ingersol Rand, Man Riding, for 5/8" line size

Tugger:
1 – Derrickman's Assist Tugger (N) at Racking Board

Kelly Spinner, Air drive, reversible (N)

Lift Assist Assembly, including Geronimo Seat and escape slide (N)

**ALL EQUIPMENT OFFERED ARE EITHER NEW OR FULLY
REFURBISHED WITH DOCUMENTATION. WE CAN ADD, DELETE OR
CHANGE EQUIPMENT AS REQUESTED.**