



## Ron Tappmeyer 300 Foot Jack-Up Drilling Unit

### General Description

<b>Design</b> .....	Marathon LeTourneau 116-C
<b>Year Built</b> .....	1978
<b>Hull Dimensions</b> .....	243 ft. x 200 ft. x 26 ft.
<b>Legs (3)</b> .....	410 ft. long square
<b>Quarters Capacity</b> .....	116 persons
<b>Maximum Water Depth</b> .....	300 ft.
<b>Cantilever Envelope</b> .....	45 ft. by 24 ft.
<b>Maximum Variable Load (drilling)</b> .....	Approx. 5,000 kips*

*\*depending on water depth and geographical location*

### Drilling Equipment

<b>Derrick</b>	Pyramid 147 ft. x 30 ft. x 30 ft., static hook load capacity of 1,000,000 lbs. with twelve (12) 1-1/2 in drilling lines
<b>Drawworks</b>	Oilwell E-3000, driven by two (2) EMD D-79-MB DC motors 1,000 HP each
<b>Rotary Table</b>	Oilwell A37, 37-1/2 in. opening, rated to 650 short tons and driven by an independent 800 HP DC electric motor with two speed gear box
<b>Top Drive</b>	Varco TDS-4S, 650 short tons, maximum continuous torque 45,500 ft.lbs., with a Varco PH-85 pipe handler
<b>Pipe Handling</b>	NOV ST-80, for handling tubular ranging from 4-1/2 in. to 8-1/2 in OD tubular
<b>Mud Pumps</b>	Two (2) National 12-P-160, 1,600 HP triplex pumps each driven by two (2) EMD D-79-MB DC motors, rated to 5,000 psi working pressure

### Storage Capacities

<b>Liquid Mud</b>	1,830 bbls. (including slug pit)
<b>Drill Water</b>	5,300 bbls.
<b>Fuel</b>	3,120 bbls.
<b>Bulk Mud</b>	4,000 cu.ft.
<b>Bulk Cement</b>	4,000 cu.ft.

### Power Equipment

<b>Main Power</b>	Three (3) EMD 16-645-E8 diesel engines, each rated at 2,200 HP continuous power at 900 rpm, driving EMD A20-N6 1,050 kW 600 volts AC generators
<b>Power Dist.</b>	Four (4) Ross Hill SCR units Model 1600 1,800 amps 600 V DC.

### Well Control Equipment

<b>Diverter</b>	Hydril MSP 29-1/2 in. diverter rated 500 psi with two (2) 12 in. discharge lines and Demco ball valves
<b>BOP Stack</b>	One (1) Cameron 13-5/8 in. 10,000 psi WP Type U double ram preventer; one (1) Cameron 13-5/8 in. 10,000 psi WP Type U single ram preventer; one (1) Hydril GK 13-5/8 in. 5,000 psi WP annular preventer
<b>BOP Handling</b>	Two (2) J.D. Neuhaus BOP hoist system 25 short tons each

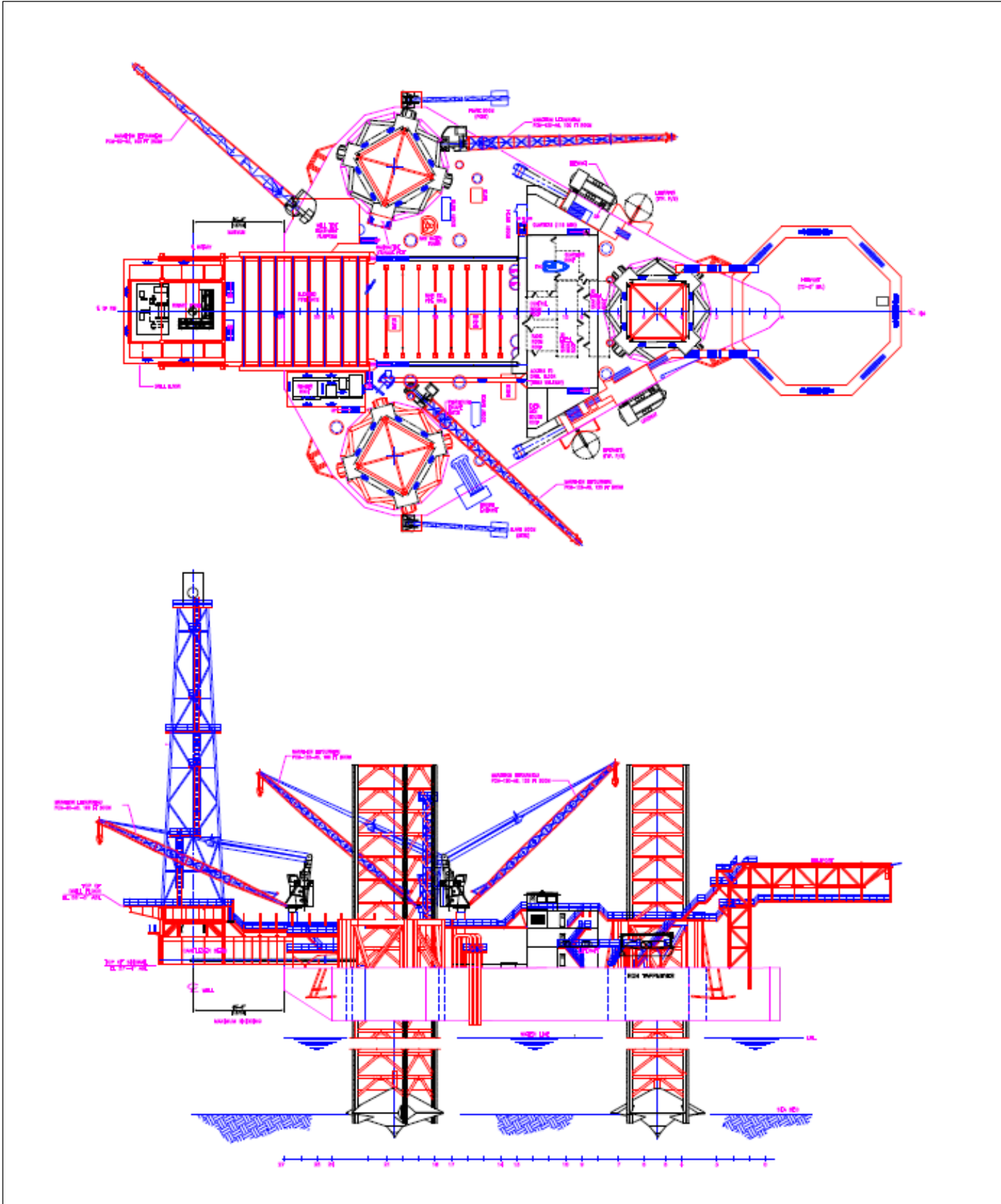
### Cranes

Two (2) Marathon LeTourneau PCM-120-AS cranes, 100 ft. booms, rated for 45 short tons at 25 ft. radius; one (1) Marathon LeTourneau PCM-80-AS crane, 100 ft. boom, rated for 25 short tons at 30 ft. radius

*R-Oct-2019*



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



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