



## Rig 141 250 Foot Jack-up Drilling Unit

General Description	
<b>Design</b> .....	Marathon LeTourneau 82-SD-C
<b>Year Built</b> .....	1982
<b>Hull Dimensions</b> .....	207 ft. x 176 ft. x 20 ft.
<b>Legs (3)</b> .....	360 ft. long triangular
<b>Quarters Capacity</b> .....	100 persons
<b>Maximum Water Depth</b> .....	250 ft.
<b>Cantilever Envelope</b> .....	40 ft. by 20 ft.
<b>Maximum Variable Load (Drilling)</b> .....	Approx. 4,950 kips*
	<i>*depending on water depth and geographical location</i>

Drilling Equipment	
<b>Derrick</b>	Continental Emsco 20RD 147 ft. x 30 ft. x 30 ft., static hook load capacity 1,000 kips with twelve (12) lines
<b>Drawworks</b>	Oilwell E-2000, 2,000 HP, driven by two (2) GE 752 DC motors, outfitted with Baylor 7838 electric brake
<b>Rotary Table</b>	Oilwell, 37-1/2 in., with independent drive using a GE 752 DC motor with two-speed transmission
<b>Top Drive</b>	National-Oilwell PS-2-500, 500 short tons, rated to 49,338 ft.lbs. maximum continuous torque in low gear
<b>Mud Pumps</b>	Two (2) Oilwell A-1700PT triplex pumps, 1,600 HP, each driven by two (2) GE 752 DC traction motors
<b>Solids Control</b>	Three (3) MI Swaco Mongoose PT shale shakers; one (1) MI Swaco Mongoose PT Multi-function mud cleaner with 6 x 4 in. cones

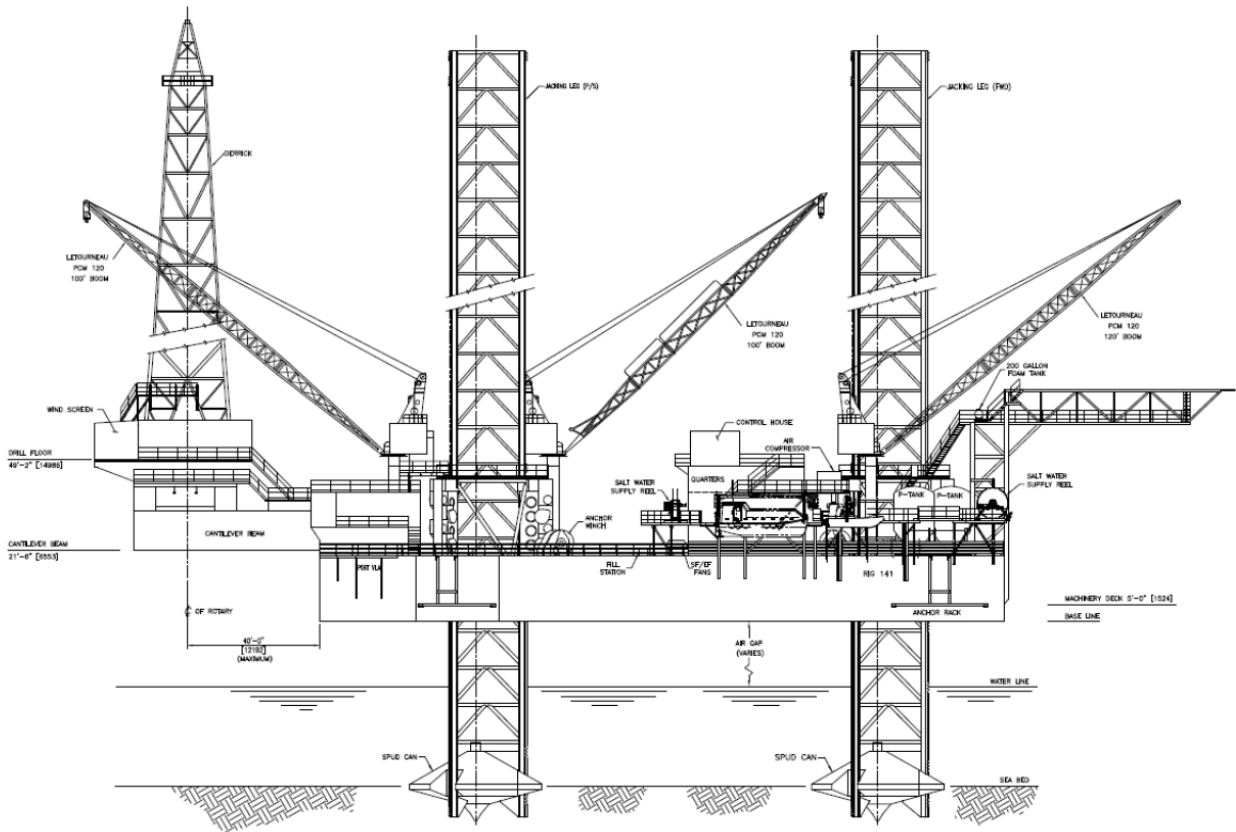
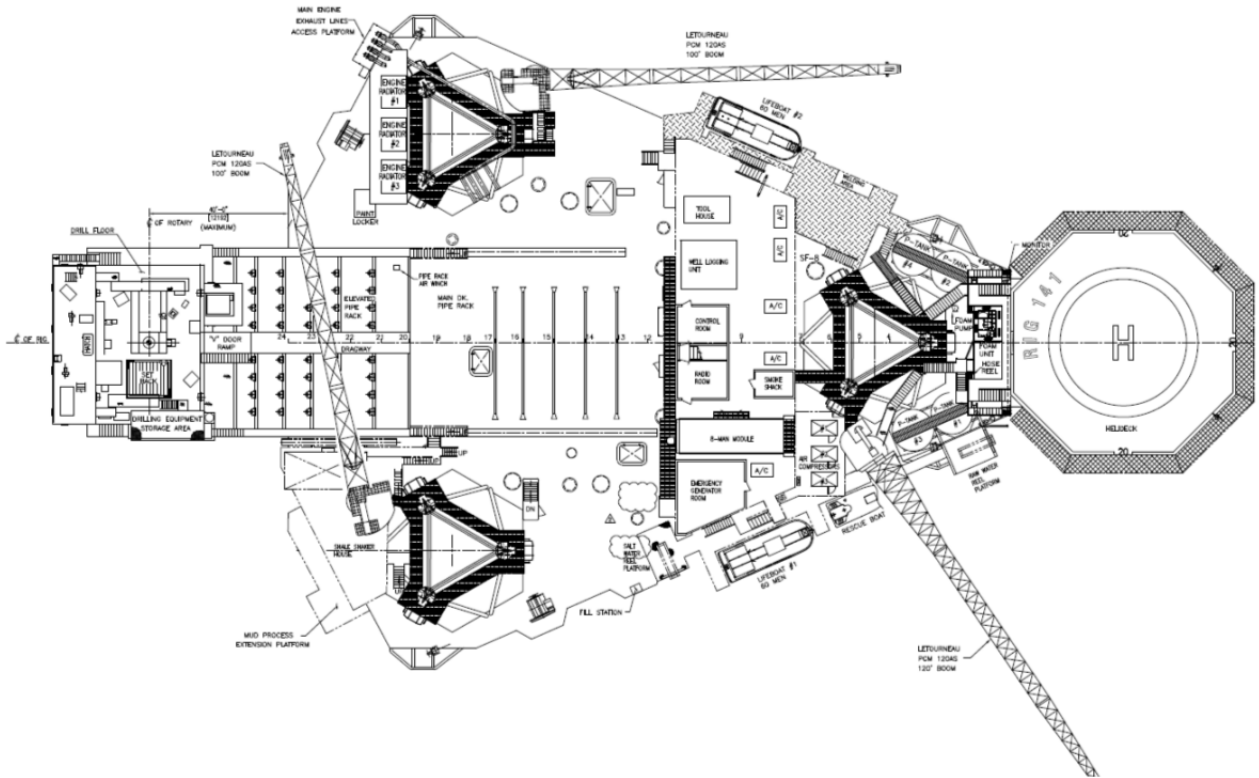
Storage Capacities	
<b>Liquid Mud</b>	1,320 bbls.
<b>Drill Water</b>	5,210 bbls.
<b>Fuel</b>	2,333 bbls.
<b>Bulk Mud</b>	3,426 cu. ft.
<b>Bulk Cement</b>	3,426 cu. ft.

Power Equipment	
<b>Main Power</b>	Four (4) Caterpillar D-399 diesel engines 1,215 HP each, driving four (4) Kato 1,050 KW AC generators
<b>Power Dist.</b>	Four (4) General Electric SCR units, each rated at 1,350 kW 750 volts, powering eight GE 752 DC motors

Well Control Equipment	
<b>BOP Stack</b>	One (1) Hydril GK 13-5/8 in. 5,000 psi annular preventer; one (1) Cameron Type U, 13-5/8 in. 10,000 psi double ram preventer; and one (1) Cameron Type U 13-5/8 in. 10,000 psi single ram preventer

Cranes	
	Three (3) Marathon LeTourneau PCM-120 AS cranes: two (2) each with 100 ft. booms, rated for 50 short tons at 24 ft. radius, one (1) each with 120 ft. boom, rated for 42 short tons at 28 ft. radius

Special Features	
<b>Shallow Draft</b>	The rig is designed to move in water depths as shallow as 12 ft.



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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 standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.