



# ROWAN MISSISSIPPI

Design: LeTourneau Technologies 240-C Class Jack-Up

Built: Vicksburg, Mississippi

Year Built / Last Upgrade: 2008 / 2018



## High Specification Jackup

### General Description

<b>Classification</b> .....	ABS, A1 Self-elevating Drilling Unit.
<b>Flag</b> .....	Marshall Islands.
<b>Overall Dimensions (Hull)</b> .....	228 ft. long x 220 ft. wide x 26 ft. deep.
<b>Legs</b> .....	3 x 491 ft. long, Square.
<b>Longitudinal Leg Centers</b> .....	129 ft.
<b>Transverse Leg Centers</b> .....	142 ft.
<b>Drafts</b> .....	18.50 ft. load line draft.
<b>Accommodation</b> .....	108 persons.
<b>Displacement</b> .....	36,346.50 kips operating.
<b>Variable Deck Load</b> .....	10,470 kips operating / 5,298 kips transit.
<b>Transit Speed</b> .....	Average 3 knots (min. 400 kips bollard pull).
<b>Operating Water Depth</b> .....	375 ft.
<b>Maximum Drilling Depth</b> .....	35,000 ft.

### Drilling Equipment

<b>Derrick</b>	Loadmaster Model 2500 Kips, 175 ft, base 36 ft. x 36 ft.
<b>Hook load Capacity</b>	2,500,000 lbs. on 16 Lines static hook load capacity.
<b>Top Drive</b>	Lewco LL-DDTD- 750V2 , OEM 1,500 hp AC Motor, output torque 72,000 ft lbs continuous at 250 rpm.
<b>Cantilever / Drill Floor</b>	80 ft aft of Transom / 15 ft transverse to port or starboard.
<b>Travelling Block</b>	Lewco Model LBLK-1250, Capacity 1,250 tons.
<b>Crown Block</b>	Loadmaster, Capacity 1,250 tons.
<b>Drawworks</b>	Lewco Model 4500, Driven by (2) 1,500 hp AC Motors with 2-inch Drill Line;
<b>Auxiliary Brake</b>	Baylor 15050W & Eaton Airflex 2x248.
<b>Rotary Table</b>	Lewco Model D495, 49-1/2 inch, Driven by (1) OEM 1,000 hp AC Motor.
<b>Cementing Eqpt.</b>	BJ 40-75-2 Electric Unit 15K psi.
<b>Torque Wrench</b>	NOV ST-100 Iron Roughneck, size 3-1/2" to 9-3/4".

### Mud System

<b>Mud Pumps</b>	(3) Lewco W3000, Triplex pump, Driven by (2) OEM 1,500 hp AC Motors.
<b>HP Mud System</b>	Rated for 7,500 psi.
<b>Mud Pits</b>	4,100 bbls total, (6) Mud Pits (2) Slug Pits.
<b>Desanders &amp; Desilters</b>	(1) Brandt King Cobra II w/ 3-12" poly cones Desander, (1) Brandt King Cobra II w/ 20-4" poly cones Desilter.
<b>Degasser</b>	(1) Brandt DG-12 w/ dual vacuum pumps, 1,200 gpm.
<b>Shale Shakers</b>	(5) Brandt King Cobra II, flow rate 3,000 gpm.

### Storage Capacities

<b>Fuel Oil</b> .....	5,141 bbls.
<b>Liquid Mud</b> .....	4,100 bbls.
<b>Drill Water</b> .....	10,431 bbls (incl. combo tanks).
<b>Potable Water</b> .....	1,724 bbls.
<b>Bulk Material</b> .....	(Barite/Bentonite + Cement) 13,820 cu.ft.
<b>Sack Storage</b> .....	1,600 sq. ft.
<b>Pipe Storage (Main)</b> .....	2,500 sq. ft x 7 ft. high.
<b>Pipe Storage (Cantilever)</b> .....	2800 sq. ft x 7 ft. high.

### BOP & Well Control

<b>BOP</b>	(1) 18-3/4" 15K (2ea Double)
	(1) 26-3/4" 3K & 30" 1K Annular
<b>BOP Handling</b>	(4) J D Neuhaus 125 Ton each hoist, 55 ft of lift.
<b>Diverter</b>	ABB Vetco Gray, Model KFDJ 500 psi.
<b>Control Unit</b>	3K psi BOP Control Unit (80) 15 Gal. bottles with 1,100 gal. reservoir tank.
<b>Choke Manifold</b>	4-1/16" 15K Upstream to 4-1/16" 10K Downstream.

### Power & Machinery

<b>Main Power</b>	(6) Caterpillar 3516CHD V16 diesel engines rated 2,150 hp (6) KATO 6P6.6-3200HR Generator rated 1,525kw.
<b>Emergency Power</b>	(1) Caterpillar 3516CHD V16 diesel engines rated 2,150 hp (1) KATO 6P6.6-3200HR Generator rated 1,525kw.

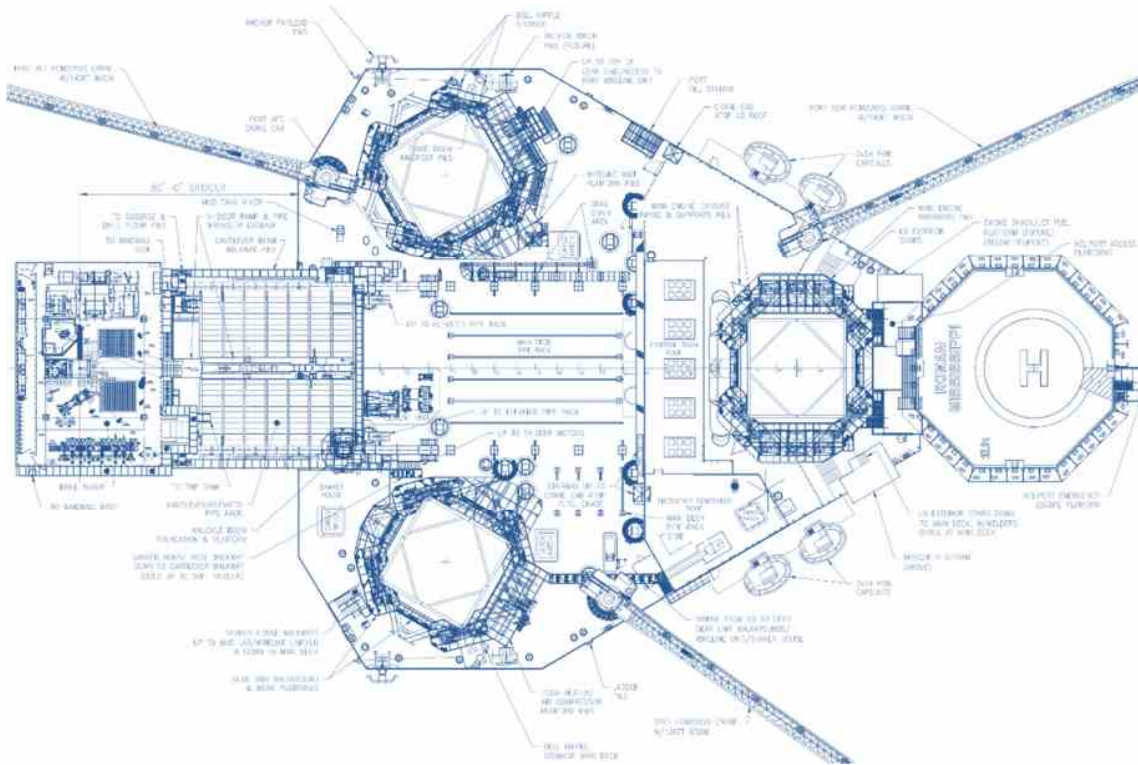
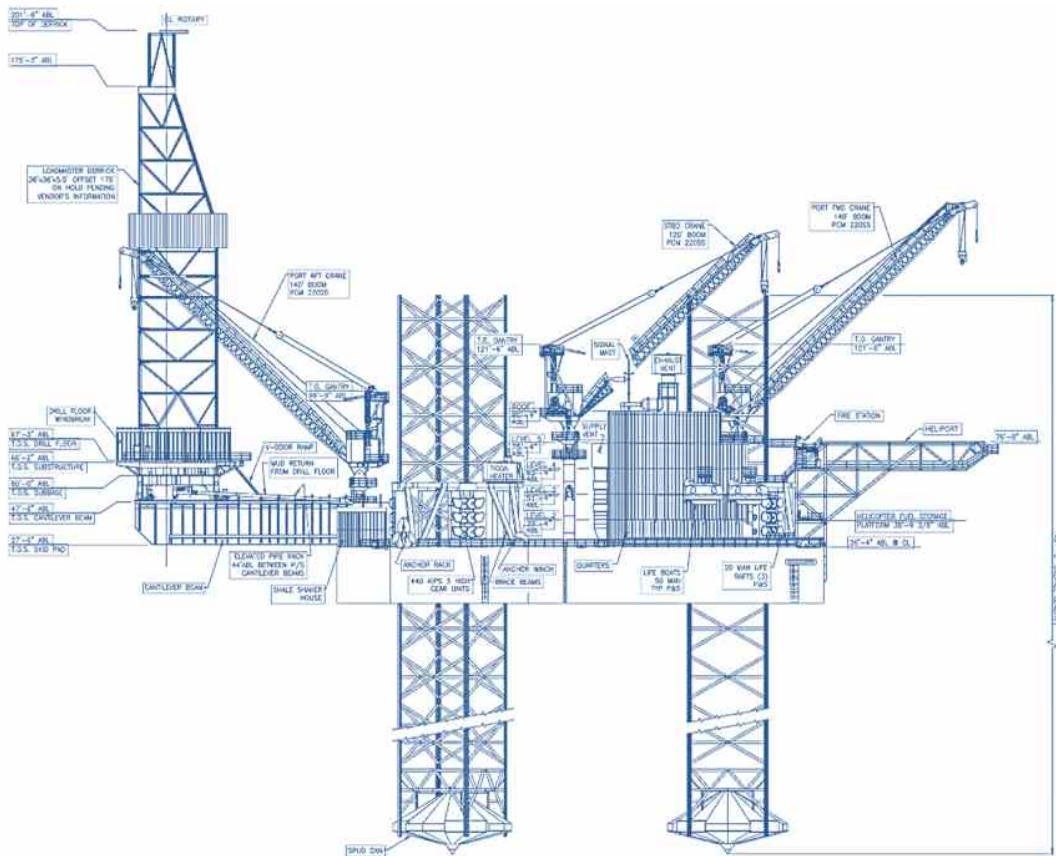
### Cranes

<b>Deck Cranes</b>	(3) LeTourneau PCM-220 SS Pedestal Cranes, SWL 75 tons.
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### Special Features & Other Information

<b>Helideck</b>	D 22.2 M, SWL 12.8 tons.
<b>Jacking System</b>	6 pinions per chord, 4 x chords per leg, 1,000 kips per pinion for holding capacity and 400 kips per pinion for Jacking capacity.





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