



Compact Driller 300 Foot Jack-up Drilling Unit

General Description	
Design	Marathon LeTourneau 116-C
Year Built / Last Upgrade	1992 / 2013
Hull Dimensions	243 ft. x 200 ft. x 26 ft.
Legs (3)	410 ft. long square
Quarters capacity	150 persons
Maximum Water Depth	300 ft.
Jacking System	MLT electrically driven rack and pinion system
Cantilever Envelope	45 ft. by 30 ft.
Maximum Variable Load (Drilling)	Approx. 7,400 kips*
	<i>*depending on water depth and geographical location</i>

Drilling Equipment	
Derrick	Pyramid bottleneck derrick 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs. with twelve (12) lines, capable to rack up to 72 doubles of 7" casing
Drawworks	National 1625 UBDE 3,000 HP rated input power, driven by three (3) 1,000 HP GE 752 DC motors
Rotary Table	National D-495 rated at 750 short tons with independent drive using a GE 752 DC motor with two speed transmission
Top Drive	National PS-2 power swivel, 650 short tons, rated to 52,000 ft.-lbs. maximum continuous torque
Pipe Handling	Two (2) Varco ST-80 pipe spin torque units; dedicated derrick bridge crane for offline tubular pick-up and racking
Mud Pumps	Two (2) National 12-P-160, 1,600 HP triplex pumps, each driven by two (2) GE 752 DC traction motors
Solids Control	Four (4) Brandt Rigtech / VSM 300 Balanced Elliptical Motion shale shakers

Storage Capacities	
Liquid Mud	2,051 bbl. (excl. 1,000 bbl. extra storage)
Base Oil	850 bbl.
Brine	646 bbl.
Drill Water	6,852 bbl.
Bulk Cement	5,440 cu. ft.
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Power Equipment	
Main Power	Four (4) Caterpillar 3516A diesel engines, 1,615 HP at 1,200 rpm, driving four (4) Caterpillar SR-4, 1,500 KW AC generators
Power Dist.	Four (4) Ross Hill SCR units rated 1,400 A powering eight (8) GE752 DC motors

Well Control Equipment	
13.5/8 in. BOP Stack	One (1) Cameron D 5K annular; one (1) Cameron Type U 10K double; one (1) Cameron Type U 10K single
BOP Handling	Two (2) 25 short tons Bee-bee BHS50APT hoists and trolley system

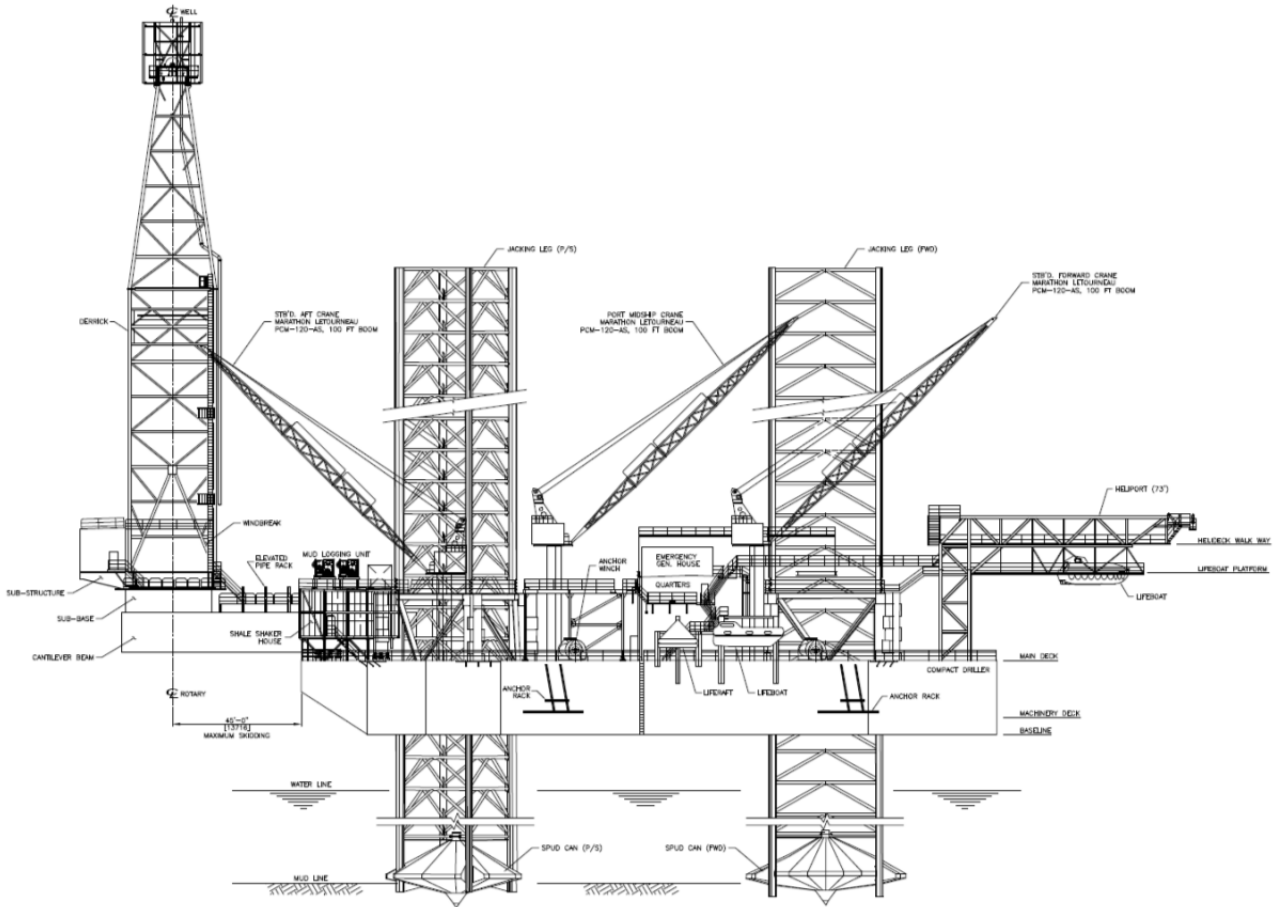
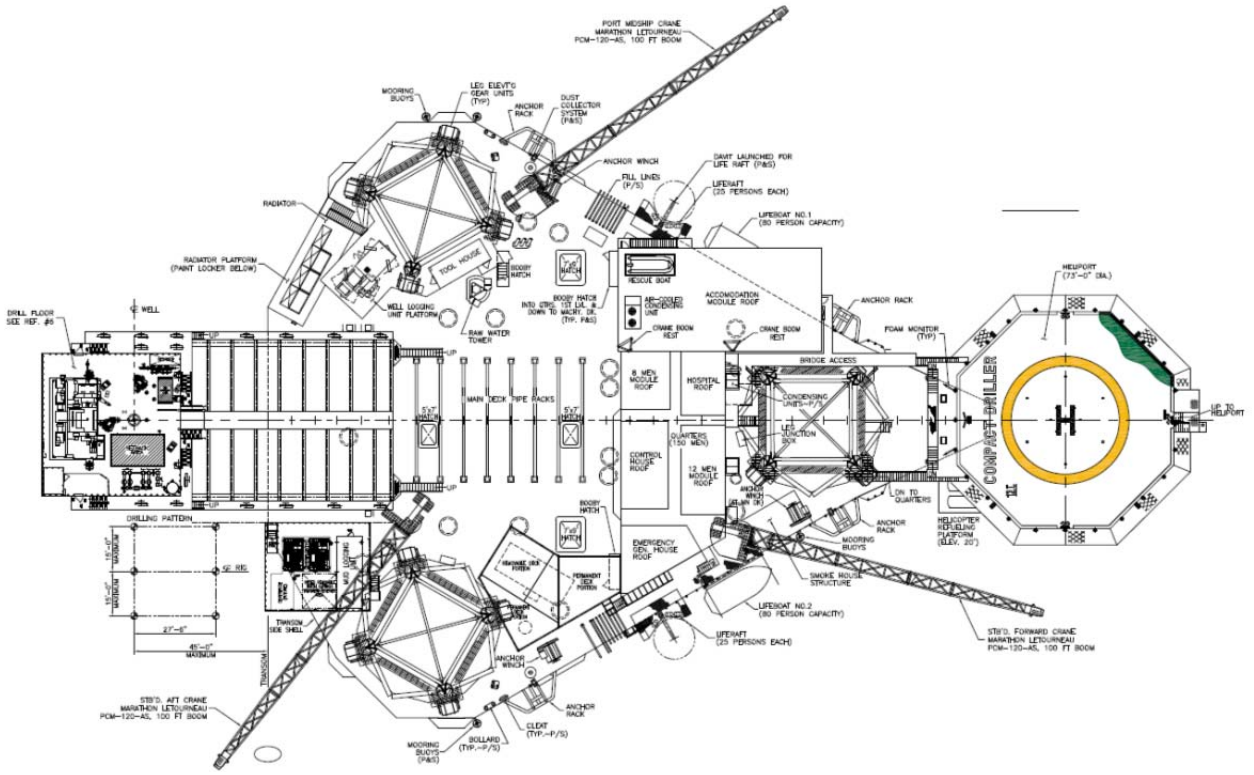
Cranes	
	Three (3) Marathon LeTourneau PCM-120AS cranes, with 100 ft. booms, rated for 49 short tons at 24 ft. radius

Special Features	
Waste Handling	Environmentally sensitive system featuring collection, treatment and discharge systems for all collected liquids
Certification	1989 IMO MODU (Resolution A.649 (16))
CTU	400 kips SMART BT conductor tensioning unit
3 Mouse Holes	Dedicated for offline tubular handling
Under Drill Floor Wireline Beam	For offline simultaneous wireline operations

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



COMPACT DRILLER

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