



Compact Driller 300 Foot Jack-up Drilling Unit

General Description	
Design	Marathon LeTourneau 116-C
Year Built / Last Upgrade	1992 / 2019
Hull Dimensions	243 ft. x 200 ft. x 26 ft.
Legs (3)	410 ft. long square
Quarters capacity	146 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-2-650/750, 650 short tons, rated 52,000 ft.lbs. max continuous torque
Pipe Handling	One (1) Varco ST-100 and one (1) Varco ST-80
Mud Pumps	Three (3) triplex mud pumps 1,600 HP, comprising of two (2) National 12-P-160 and one (1) Oilwell A1700-PT, 5,000 psi WP
Solids Control	Four (4) Brandt VSM 300 balanced elliptical motion shale shakers; one (1) Brandt PPI26AF Desander with 3 cones: one (1) Brandt 26CJ with 24 cones.

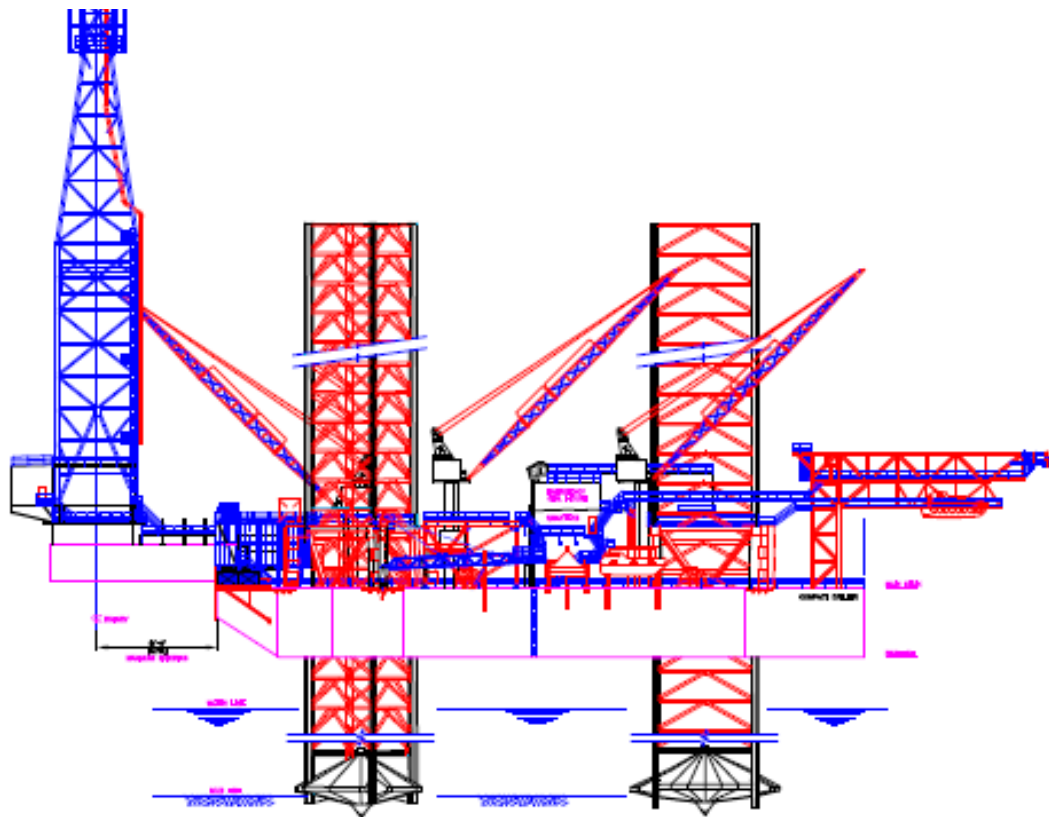
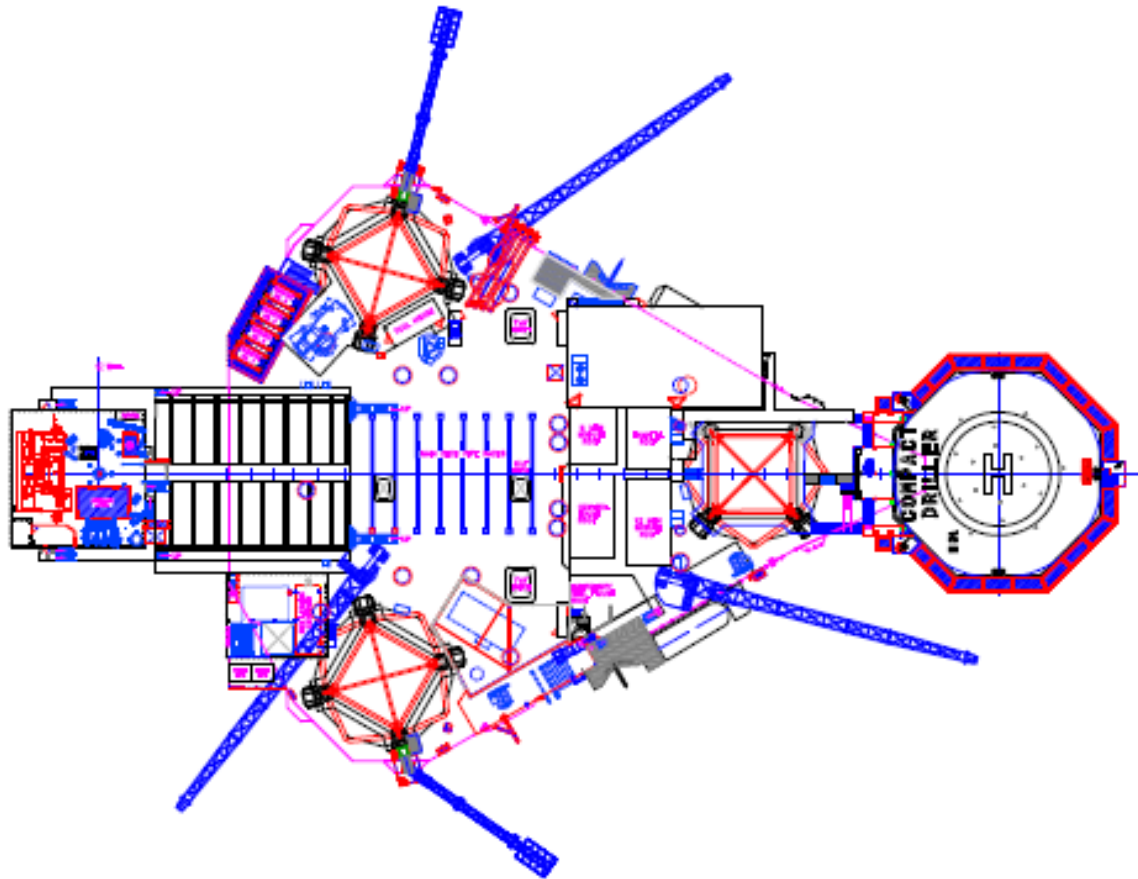
Storage Capacities	
Liquid Mud	2,271 bbl. (including slug tank)
Base Oil	1,770 bbl.
Brine	1,595 bbl.
Drill Water	13,379 bbl.
Potable Water	2,692 bbl.
Fuel	3,690 bbl.
Bulk Cement	5,440 cu. ft.
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Power Equipment	
Main Power	Four (4) Caterpillar 3516A diesel engines, 1,615 HP at 1,200 rpm, driving four (4) Caterpillar SR-4, 1,400 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	Four (4) 25 short tons Ingersoll Rand hoists and trolley system

Cranes	
	Three (3) Marathon LeTourneau PCM-120AS cranes, with 100 ft. booms, rated for 50 short tons at 24 ft. radius

Special Features	
Offline Capability	Capable for making up tubular stands offline.
Certification	1989 IMO MODU (Resolution A.649 (16)).
CTU	400 kips conductor tensioning unit.



COMPACT DRILLER

R-Jan-2021