



Key Manhattan 350 Foot Jack-up Drilling Unit

General Description	
Design	Marathon LeTourneau 116-C
Year Built / Last Upgrade	1980 / 2010
Hull Dimensions	243 ft. x 200 ft. x 26 ft.
Legs (3)	477 ft. long square legs
Quarters Capacity	101 persons
Maximum Water Depth	350 ft.
Cantilever Envelope	60 ft. by 24 ft. (with 15 ft extension)
Maximum Variable Load (drilling)	Approx. 9,000 kips*
<i>*depending on water depth and geographical location</i>	

Drilling Equipment	
Derrick	Pyramid standard bolted derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,044,000 lbs. with twelve (12) lines
Drawworks	National 1625 DE, driven by two (2) GE 752 DC motors 1,100 HP each, outfitted with Baylor 7838 auxiliary electric brake
Rotary Table	National C-375, 650 st rated, 37-1/2 in. driven by GE 752 DC motor with 2-speed transmission
Top Drive	Varco TDS-3H, 500 short tons, 1,100 HP motor, continuous drilling torque 31,000 ft.lbs. with a Varco PH-85 pipe handler
Pipe Handling	National ST-80 for tubular OD range from 4-1/4" to 8-1/2"
Mud Pumps	Three (3) National 12-P-160, 1,600 HP triplex pumps, each driven by two (2) GE 752 DC traction motors
Solids Control	Three (3) Derrick High Flo-line FLC 2000 and one (1) Derrick Hi G cuttings dryer, configured to take the underflow from the desilter and act as a mud cleaner or fourth shaker as operations require

Storage Capacities	
Liquid Mud	1,904 bbls (excluding processing tanks)
Drill Water	10,658 bbls
Fuel	3,122 bbls
Bulk Mud	4,300 cu. ft.
Bulk Cement	4,300 cu. ft.

Power Equipment	
Main Power	Three (3) EMD 16-645-EB diesel engines, 2,200 HP driving three (3) EMD 2,625 KVA
Power Dist.	Four (4) Baylor & one (1) Tech Power Controls SCR units 750 V, 2,250 amperes

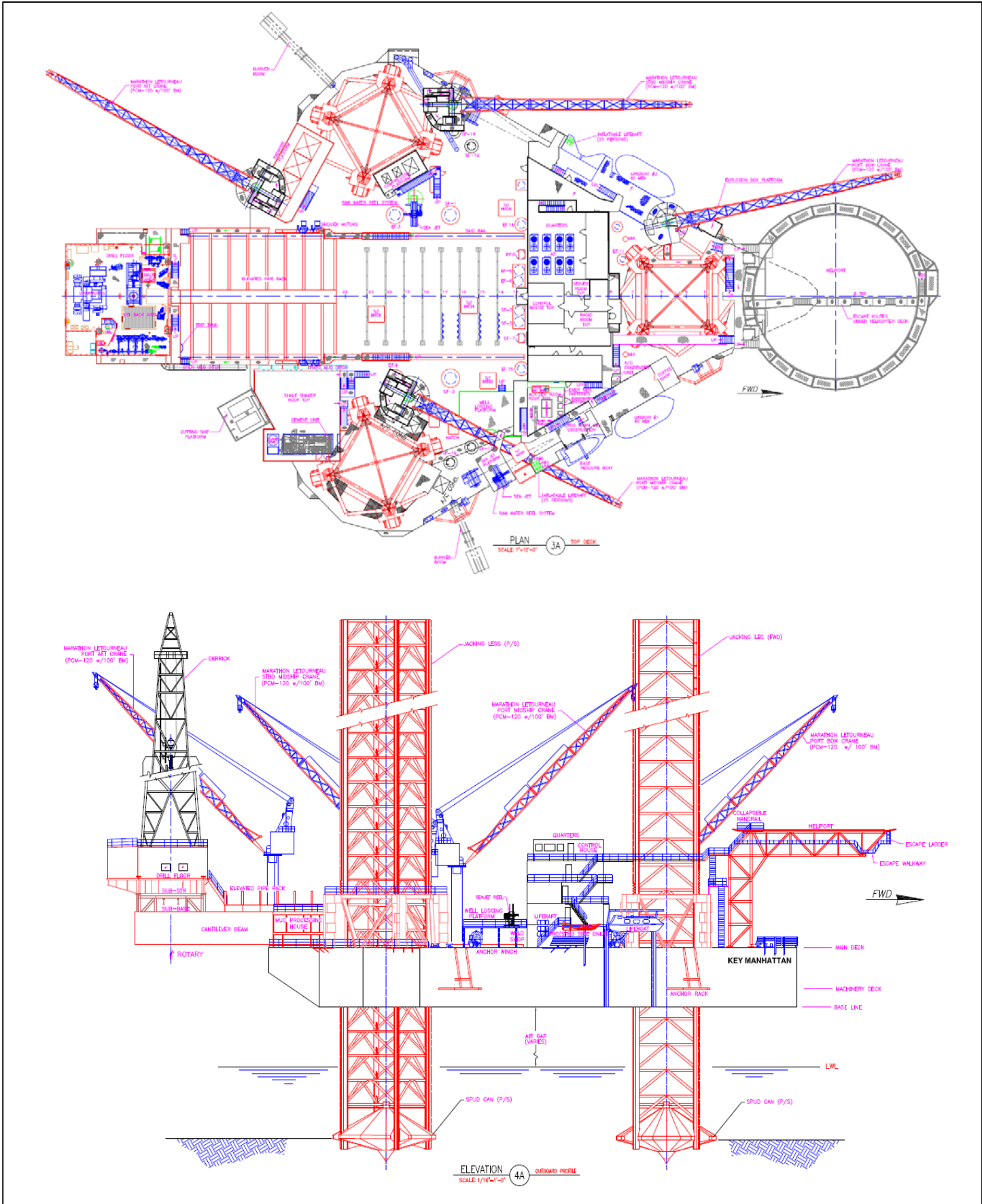
Well Control Equipment	
Diverter	Hydril MSP 500 psi, 29-1/2 in., with 16 in. discharge lines and two 16 in. hydraulically operated ball valves
BOP Stack	One Hydril Type MSP 21-1/4 in. 2,000 psi annular preventer and one (1) Cameron Type U 21-1/4 in 2,000 psi double ram preventers One Hydril GK 13-5/8 in., 5,000 psi annular preventer, two (2) Cameron Type U 13-5/8 in. 10,000 psi double ram preventer
BOP Handling	Beebe hoists and trolley handling system with four (4) hoists rated 25 short tons

Cranes	
Four (4) Marathon LeTourneau PCM-120 AS pedestal cranes (3 x DC driven, 1 x AC driven) with 100 ft. boom, rated for 45.4 MT at 24 ft. radius	

R-Mar-2019



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