



F.G. McClintock 300 Foot Jack-up Drilling Unit

General Description

Design	Marathon LeTourneau 53-SC
Year Built / Last Upgrade	1975 / 2002
Hull Dimensions	218 ft. x 201 ft. x 26 ft.
Legs (3)	410 ft. long square legs
Quarters Capacity	110 persons
Maximum Water Depth	300 ft.
Cantilever Envelope	45 ft. by 24 ft.
Maximum Variable Load (drilling)	Approx. 4,400 kips*

**depending on water depth and geographical location*

Drilling Equipment

Derrick	Pyramid 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,049,000 lbs. with ten (10) lines (1-1/2 in. drilling line)
Drawworks	Oilwell E-3000 driven by two (2) EMD D79 800 HP DC motors, outfitted with Elmagco 7838 auxiliary electric brake
Rotary Table	Oilwell B-37-1/2, 650 short tons, 37-1/2 in. maximum opening, driven by EMD D79 800 HP DC motor with 2-speed transmission
Top Drive	Varco TDS-4S, 650 short tons, 1,100 HP motor, continuous drilling torque 45,500 ft.lbs., outfitted with Varco PH-85 pipe handler
Mud Pumps	Two (2) Oilwell A 1700-PT triplex pumps, each mud pump is driven by two (2) EMD D79 800 HP DC motors, rated to 5,000 psi working pressure
Solids Control	One (1) Brandt Dual Tandem scalping shakers; three (3) NOV Brandt VSM 300 linear motion shale shakers; one (1) NOV Brandt desander with 2 x 10" cones; one (1) NOV Brandt desilter with 16 x 4" cones as desilter; one (1) NOV Brandt VSM 300 mud cleaner

Storage Capacities

Liquid Mud	1,751 bbls
Base Oil	844 bbls
Drill Water	11,674 bbls
Fuel	2,637 bbls
Bulk Mud	4,160 cu. ft.
Bulk Cement	3,120 cu. ft.

Power Equipment

Main Power	Five (5) Caterpillar D399 1,325 HP diesel engines driving four (4) GE ATI 930 KW & one (1) Kato 1,050 KW AC generators (in engine room); one (1) Caterpillar 3412 DIQTA 800 HP diesel engine driving Caterpillar 725 KW AC generator (on main deck).
Power Distribution	Ross Hill SCR units 1,200 KW 750 volts

Well Control Equipment

Diverter	Hydril MSP 500 psi, 29-1/2 in., with 12 in. discharge lines and two 12 in. hydraulically operated ball valves
BOP Stack	One Hydril MSP 21-1/4 in. 2,000 psi annular preventer and one (1) T3 Model 6012 21-1/4 in. 2,000 psi double ram preventer
	One Shaffer 13-5/8 in., 5,000 psi annular, one (1) T3 Model 6012 13-5/8 in. 10,000 psi double ram preventer and one (1) T3 Model 6012 13-5/8 in. 10,000 psi single ram preventer
BOP Handling	2 x 25 short tons Hercu-Link hoist and trolley handling system

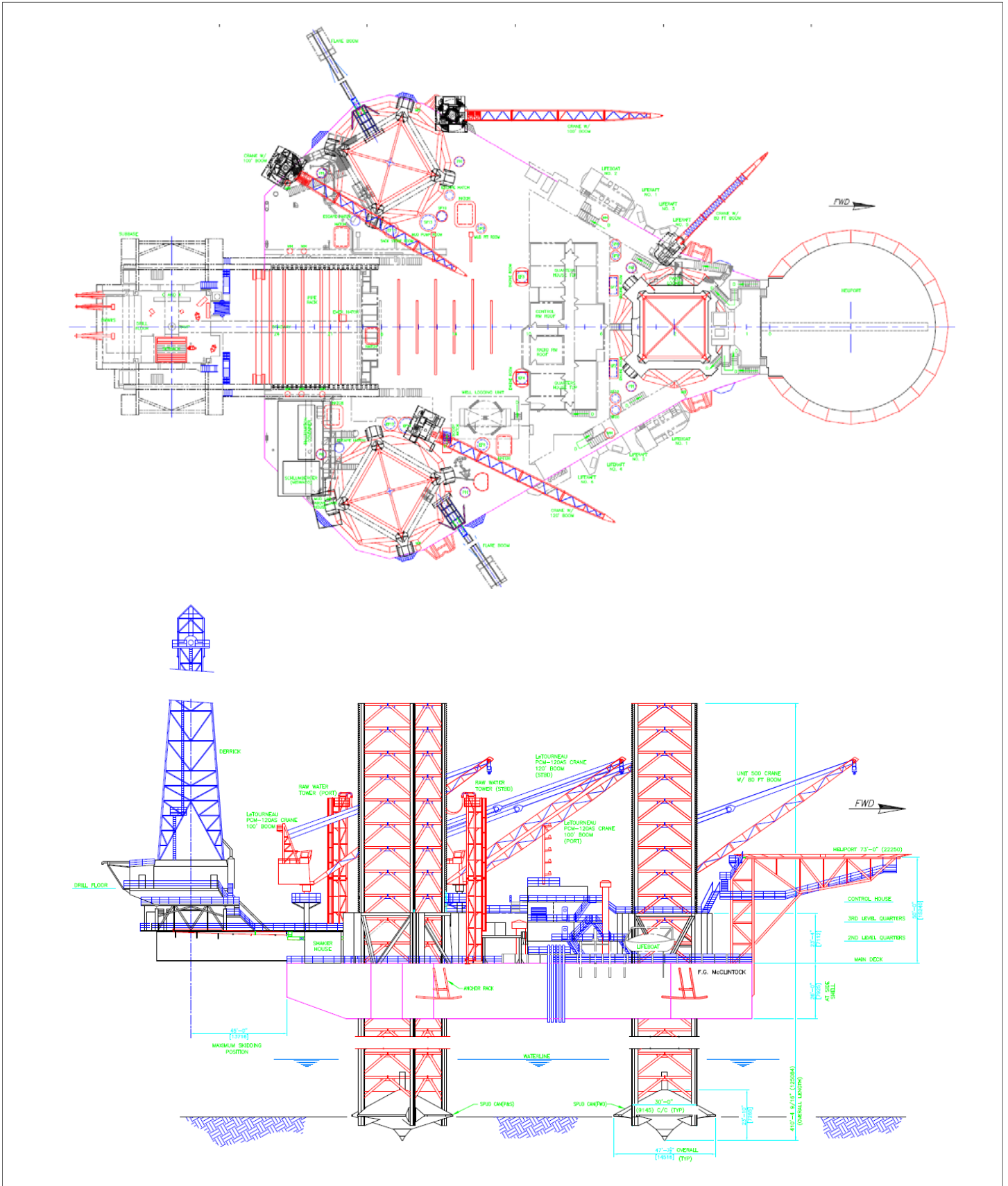
Cranes

Three (3) Marathon LeTourneau PCM-120 AS pedestal cranes with 100 ft. boom (Port & Port Forward) & 120 ft. boom (Starboard), rated for 45 short tons at 24 ft. radius; one (1) Mariner 500 crane with 85 ft. boom (Port Aft), rated for 22 short tons at 25 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 policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



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