



Galveston Key 300 Foot Jack-up Drilling Unit

General Description	
Design	MLT 116-S (converted to 116-CS)
Year Built / Last Upgrade	1978 / 2002
Hull Dimensions	247 ft. x 200 ft. x 26 ft.
Legs (3)	410 ft. Square
Quarters Capacity	120 persons
Maximum Water Depth	300 ft.
Cantilever Envelope	45 ft. by 30 ft.
Maximum Variable Load (drilling)	Approx. 7,300 kips
<i>*depending on water depth and geographical location</i>	

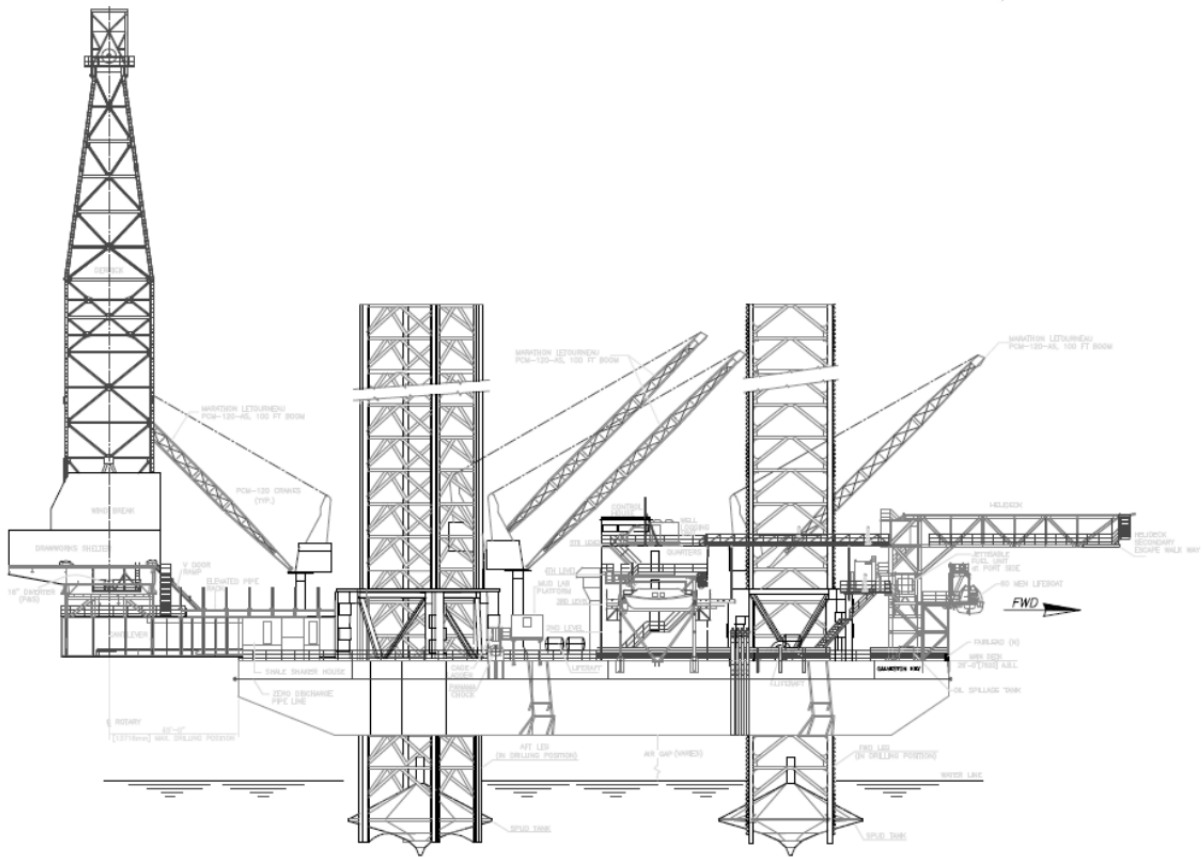
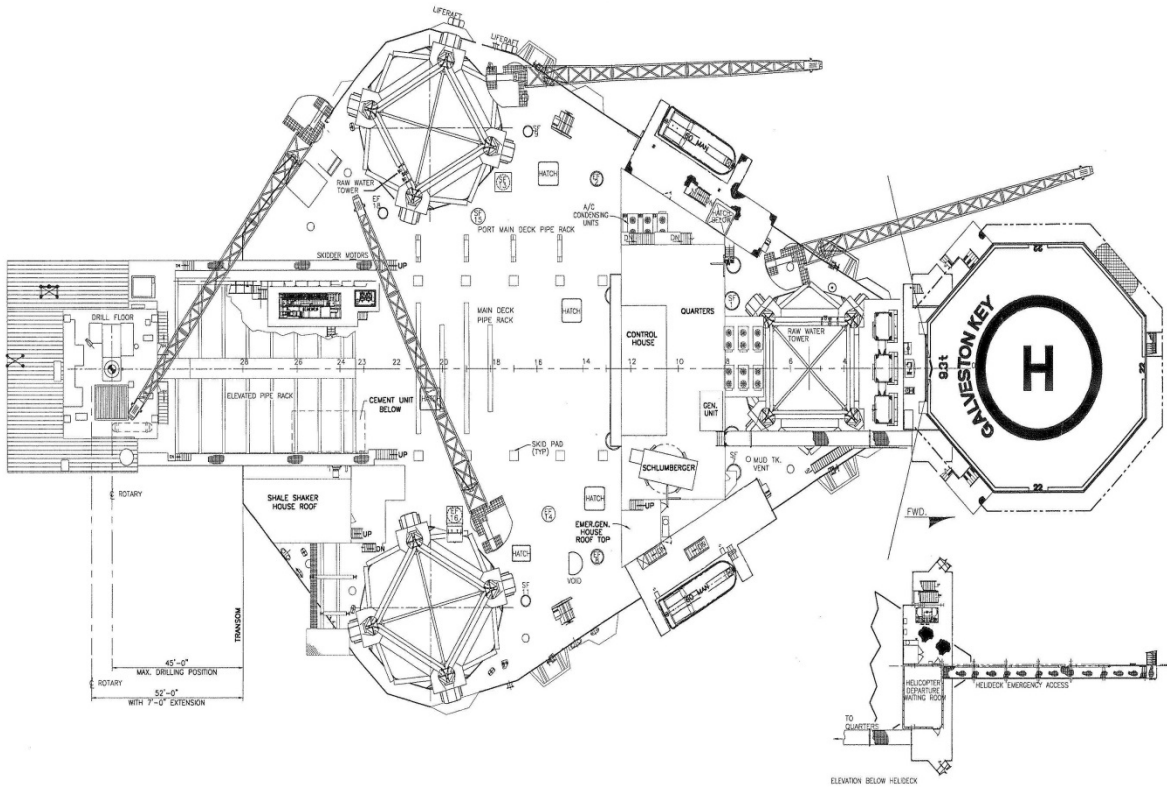
Drilling Equipment	
Derrick	Pyramid Bottleneck 170 ft. x 30 ft. x 30 ft., static hook load capacity 1,300,000 lbs with 12 lines
Drawworks	Continental Emsco C-3 Type II 3,000 HP driven by three (3) GE 752 DC motors, outfitted with Elmagco 7838 electric brake
Rotary Table	Continental Emsco T-3750, 37-1/2 in maximum opening, independent drive using a GE-752 DC motor with 2-speed transmission
Top Drive	National Oilwell PS2 650, 650 short tons, max continuous torque 53,249 ft. lbs. in low gear
Tubular Handling	Hawk Jaw 100K-2GSR for handling tubular OD from 4 in to 9-1/2 in
Mud Pumps	Three (3) Continental Emsco FB 1600, 1,600 HP, each driven by two (2) GE 752 DC motors
Solids Control	Three (3) Mi Swaco MD-2 shale-shakers; one (1) MI Swaco Mongoose Pro Mud Cleaner with 3 x 12" cones and 8 x 4" cones.

Storage Capacities	
Liquid Mud	3,010 bbl.
Oil Based Mud	1,100 bbl.
Base Oil	1,210 bbl.
Brine	3,627 bbl.
Drill Water	5,647 bbl.
Fuel	3,693 bbl.
Bulk Mud	5,200 cu. ft.
Bulk Cement	5,200 cu. ft.

Power Equipment	
Main Power	Four (4) Caterpillar 3516 B diesel engines rated 1,840 HP driving four (4) Caterpillar SR4 1,400 KW 600V AC generators
Power Dist.	Four (4) Ross Hill SCR units, each rated at 1,500 amperes, 750 V

Well Control Equipment	
Diverter	Hughes Regan KFDJ 500, 27-1/2 in. maximum bore, 500 psi WP, with two (2) 16 in. discharge lines and two (2) Demco 16 in. hydraulically operated ball valves
13-5/8 in. BOP	One (1) Hydril GL 5K annular preventer; one (1) Cameron Type U 10K double ram preventer and one (1) Cameron Type U single ram preventer

Pedestal Cranes	
Four (4) Marathon LeTourneau PCM-120-AS cranes with 100 ft. booms, each rated for 40 short tons at 30 ft. radius.	



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