



Key Gibraltar 300 Foot Jack-up Drilling Unit

General Description	
Design	MLT 84-C (modified to MLT 116-C)
Year Built / Last Upgrade	1976 / 2004
Hull Dimensions	239 ft. by 228 ft. by 26 ft.
Legs (3)	410 ft. long square
Maximum Water Depth	300 ft.
Quarters Capacity	140 persons
Cantilever Envelope	60 ft. by 30 ft. (with 10 ft extension)
Maximum Variable Load (drilling)	Approx. 9,000 kips

**depending on water depth and geographical location*

Drilling Equipment	
Derrick	Pyramid Bottleneck 170 ft. by 30 ft. by 30 ft. with a static hook load capacity of 1,500 kips with fourteen lines (1-3/4 in. drilling line); capable for racking up to 7" casing
Drawworks	Oilwell E3000, 3,000 HP, driven by three (3) GE 752 DC motors, outfitted with Baylor 7838 electric brake
Rotary Table	Oilwell 37-1/2 in., with independent drive using a GE 752 DC motor with 2-speed transmission
Top Drive	Varco TDS-8SA / AC Electric 750 ton rated to 62,500 ft-lbs maximum continuous torque; outfitted with Varco PH-100 pipe-handler
Pipe Handling	Two (2) Varco ST-80 for 4-1/2 in. to 8-1/2 in. tubular OD sizes. String-fisher offline derrick crane system capable of picking up and racking back 3-1/2 in. drill pipe through 7 in. casing.
Mud Pumps	Three (3) Oilwell A-1700PT, 1,700 HP triplex pumps rated 5,000 psi WP, each driven by two GE 752 DC traction motors
Solids Control	Four (4) MI Swaco Mongoose PT dual motion shale shakers

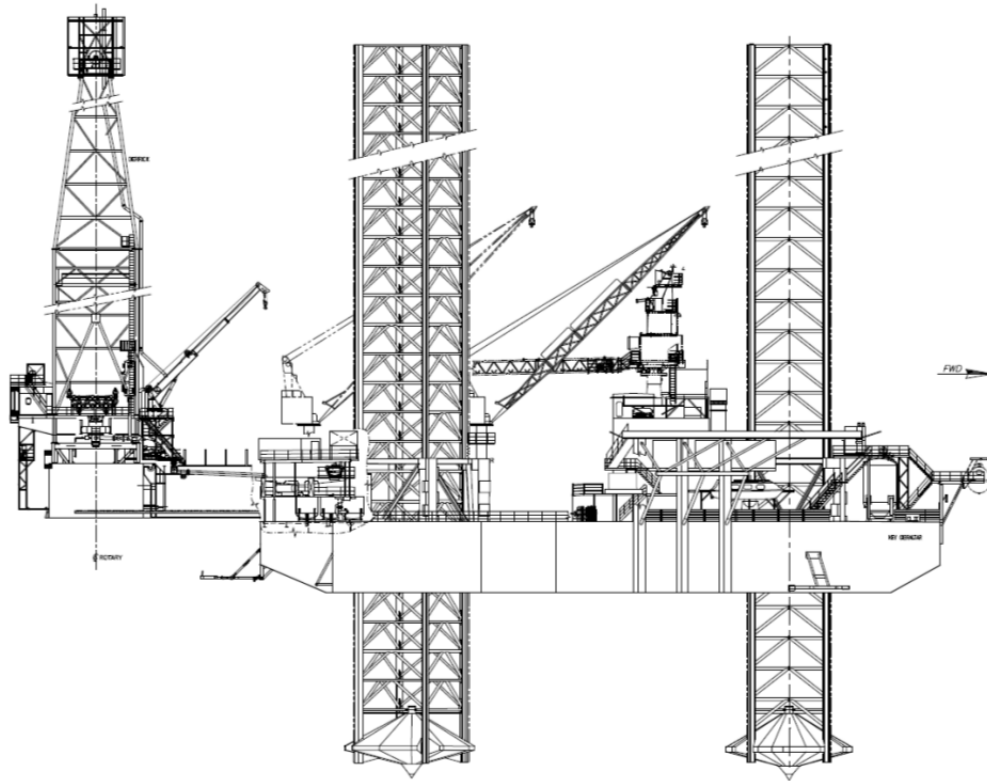
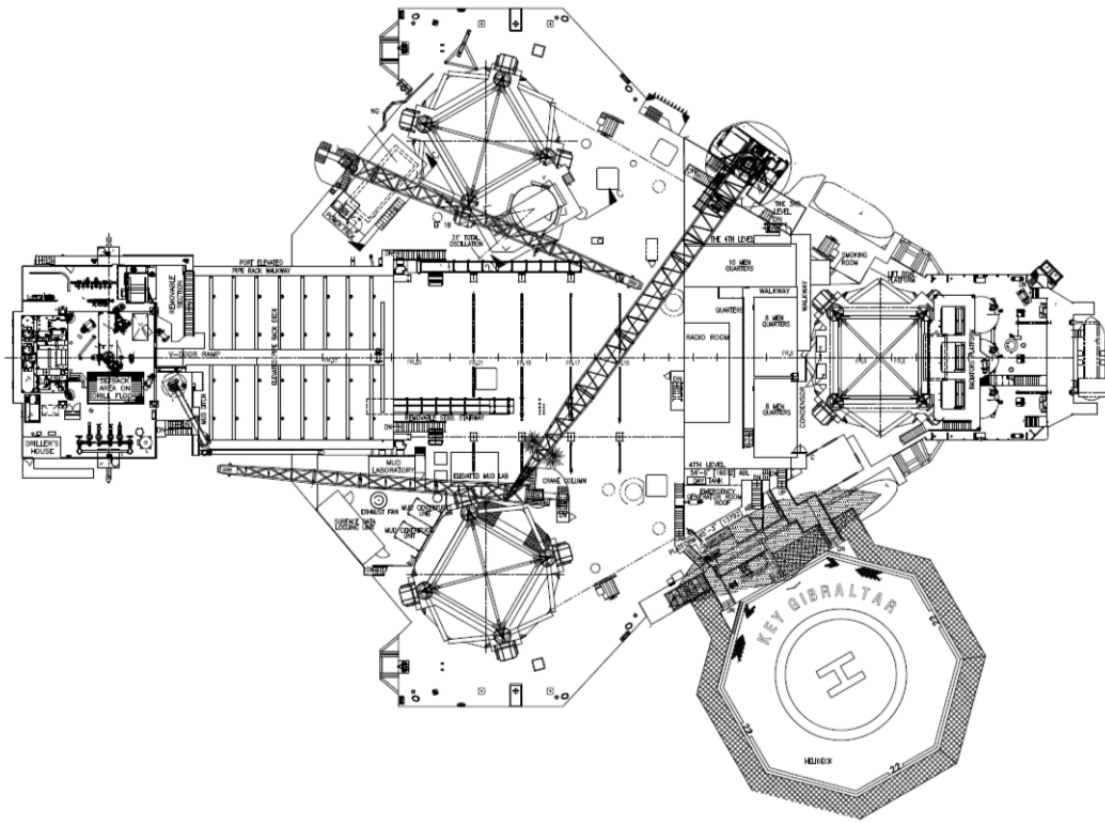
Storage Capacities	
Liquid Mud	2,044 bbl.
Brine	1,526 bbl.
Base Oil	1,643 bbl.
Bulk Mud	6,980 cu. ft.
Bulk Cement	6,260 cu. ft.

Power Equipment	
Main Power	Five (5) Caterpillar 3516B diesel engines, 1,855 HP, driving five Caterpillar 1,380 KW 600 volts AC generators
Power Dist.	Five (5) Ross Hill SCR units, each rated at 1,800 amperes, powering ten (10) GE 752 DC motors

Well Control Equipment	
Diverter System	Vetco KFDJ, 500 psi, 37-1/2" fixed diverter with 14 in. discharge lines and 14 in. hydraulically operated ball valves
13-5/8 in. BOP	One (1) Hydril GK 5K annular preventer, one (1) Cameron Type U 10K double ram preventer and one (1) Cameron type U 10K WP single ram preventer

Cranes	
Two (2) Marathon LeTourneau PCM-120 electric pedestal cranes with 100 ft. booms, rated for 50 short tons at 24 ft. radius.	
One (1) National 60 DNS120-2.5 diesel hydraulic pedestal crane with 120 ft. boom rated for 65 short tons at 55 ft. radius.	
One (1) Nautilus 180BT3-56 crane, rated for 25 short tons at 23 ft. radius mounted on the rig floor substructure.	

Special Features	
Offline handling equipment for making up tubular stands off critical path are available.	



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