



High Island IX 250 Foot Jack-Up Drilling Unit

General Description	
Design	Marathon LeTourneau 82-SD-C
Year Built / Last Upgrade	1983 / 2012
Hull Dimensions	207 ft. x 176 ft. x 20 ft.
Spud Can Diameter	40 ft.
Legs (3)	360 ft. long triangular
Quarters Capacity	100 persons
Maximum Water Depth	250 ft.
Cantilever Envelope	40 ft. by 20 ft.
Maximum Variable Load (drilling)	2,035 kips

**dependent on water depth and geographical location*

Drilling Equipment	
Derrick	DSI derrick 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve (12) lines
Drawworks	National 1320 UE, 2,000 HP, driven by two (2) GE 752 DC motors, with drum brake and a Baylor Elmagco 7838 auxiliary electric brake
Rotary Table	National C-375, 37-1/2 in. maximum opening with an independent GE 752 DC motor, two speed gear box
Top Drive	Varco TDS-3H, 500 short tons 1,000 HP motor, continuous drilling torque 34,700 ft.lbs with a Varco PH-85 pipe handler
Pipe Handling	NOV ST-80 for handling tubular ranging from 4-1/2 in. to 8-1/2 in. OD
Mud Pumps	Three (3) National 12-P-160, 1,600 HP, each driven by two (2) GE 752 Hi-Torque DC traction motors, rated to 5,000 psi working pressure
Solids Control	Three (3) Brandt VSM 300 shale shakers; one (1) Brandt SR-2 desander with 2 x 6" cones; two (2) Brandt T8-E4HV desilter; one (1) Brandt VSM 300 mud cleaner with 32 x 2" cones

Storage Capacities	
Liquid Mud	1,842 bbls (including slug pit & stripping tanks)
Base Oil	410 bbls
Brine	975 bbls
Drill Water	5,638 bbls
Fuel	1,877 bbls
Bulk Mud	5,100 cu. ft.
Bulk Cement	3,400 cu. ft.

Power Equipment	
Main Power	Four (4) Caterpillar 3516-B diesel engines rated 1,800 HP each, driving four (4) Baylor 1,500 kW 600 V AC generators
Power Dist.	Six (6) Siemens 6RA70 SCR units 2,000 amps each, 600 volts

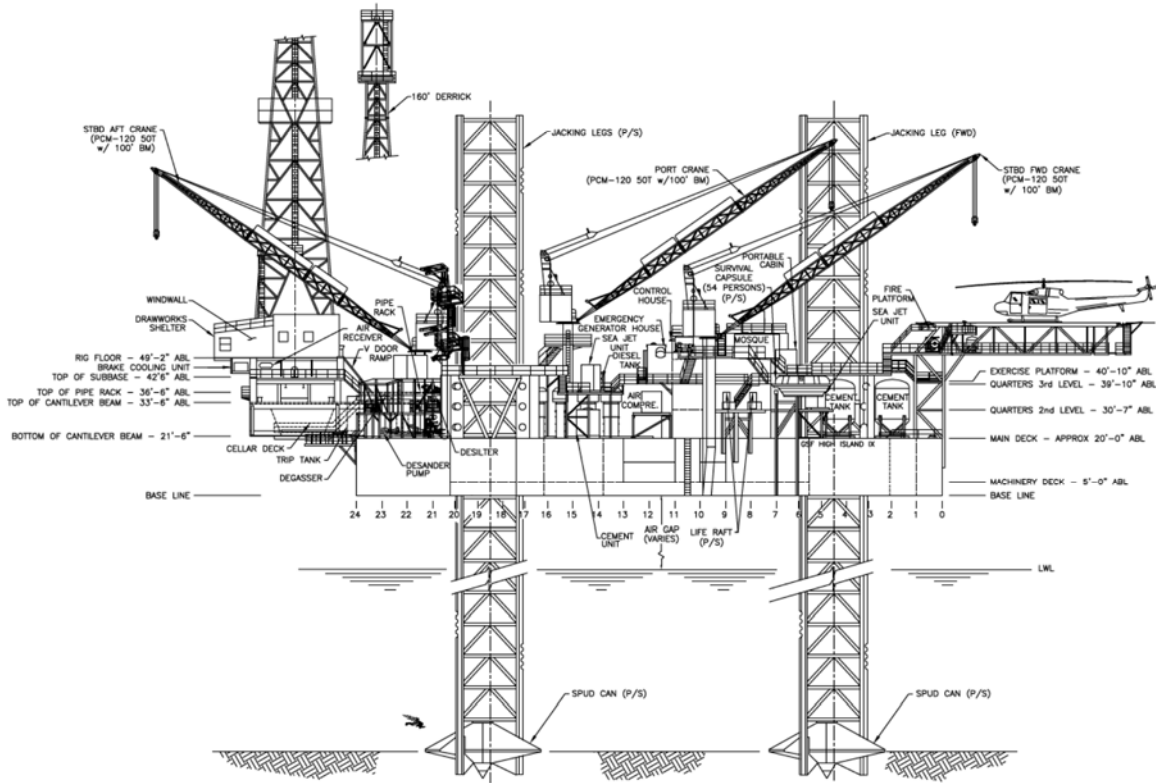
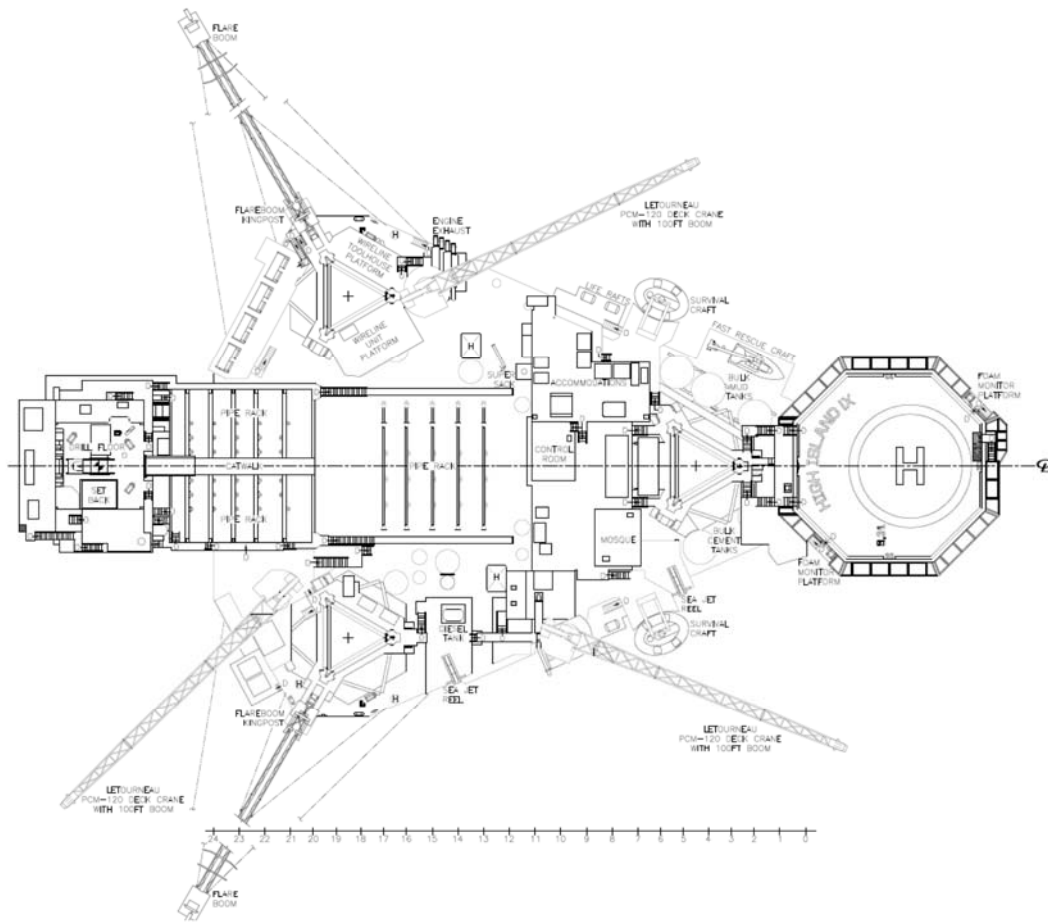
Well Control Equipment	
BOP Stack	One (1) NOV Shaffer 13-5/8 in. 5,000 psi WP annular preventer and two (2) NOV Shaffer LXT 13-5/8 in. 10,000 psi WP double ram preventers
BOP Handling	Four (4) Ingersoll Rand HA2-025 hoists system, 25 short tons each

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

R-Feb-2016



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