



## High Island II 270 Foot Jack-Up

### General Description

|   |  |
|---|--|
| <b>Design</b> .....                           | Marathon LeTourneau 82-SD-C                                |
| <b>Year Built / Last Upgrade</b> .....        | 1979 / 2011  |
| <b>Hull Dimensions</b> .....                  | 207 ft. x 176 ft. x 20 ft.                                 |
| <b>Legs (3)</b> .....                         | 394 ft. long triangular                                    |
| <b>Quarters Capacity</b> .....                | 100 persons  |
| <b>Maximum Water Depth</b> .....              | 270 ft.  |
| <b>Cantilever Envelope</b> .....              | 47 ft. by 20 ft. (with 7 ft. extension)                    |
| <b>Maximum Variable Load (drilling)</b> ..... | Approx. 4,800 kips*  |
|   | <i>*depending on water depth and geographical location</i> |

### Drilling Equipment

|                       |   |
|-----------------------|---|
| <b>Derrick</b>        | Continental Emsco 160 ft. x 30 ft. x 30 ft., static hook load capacity 1,000,000 lbs. with twelve (12) lines  |
| <b>Drawworks</b>      | National 1320 UE, rated input power 2,000 HP, driven by two (2) GE 752 series DC motors, outfitted with Baylor 7838 auxiliary electric brake                                    |
| <b>Rotary Table</b>   | National C-375, 37-1/2 in. driven by an independent DC electric motor with two speed gear box   |
| <b>Top Drive</b>      | Varco TDS-3H, 500 short tons, 1,130 HP, rated to 31,000 ft.lbs. maximum continuous torque, outfitted with a Varco PH-85 pipe handler  |
| <b>Pipe Handling</b>  | Hawk Spin-master 950-H for handling tubular OD sizes ranging from 2-7/8 in. to 5-1/2 in.  |
| <b>Mud Pumps</b>      | Two (2) National 12-P-160 triplex pumps 1,600 hp, each driven by two (2) GE 752 DC motors, rated to 5,000 psi working pressure.   |
| <b>Solids Control</b> | Three (3) Brandt VSM 300 shale shakers; one (1) Brandt VSM 300 desander with 2 x 12" desander cones; one (1) Brandt Model 24/3 mud cleaner with 3 x 12" cones and 23 x 4" cones |

### Storage Capacities

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Liquid Mud</b>    | 1,821 bbls. (including slug pits) |
| <b>Base Oil</b>      | 330 bbls.                         |
| <b>Oil Based Mud</b> | 530 bbls.                         |
| <b>Drill Water</b>   | 6,612 bbls.                       |
| <b>Fuel</b>          | 1,876 bbls.                       |
| <b>Bulk Mud</b>      | 5,100 cu. ft.                     |
| <b>Bulk Cement</b>   | 3,400 cu. ft.                     |

### Power Equipment

|                    |   |
|--------------------|---|
| <b>Main Power</b>  | Four (4) Caterpillar D-399TA diesel engines, 1,215 HP driving four (4) Kato 1,030 KW 600 volt AC generators |
| <b>Power Dist.</b> | Four (4) Ross Hill SCR units Model 1500, 750 volts  |

### BOP Equipment

|                     |  |
|---------------------|--|
| <b>Diverter</b>     | Shaffer 30 in. annular rated to 1,000 psi outfitted with two (2) 12 in. discharge lines<br><br>Shaffer 21-1/4 in. annular rated 2,000 psi outfitted with two (2) each 7-1/16" 2K full opening hydraulic gate valves and two (2) 12 in. discharge lines |
| <b>BOP Stack</b>    | 13-5/8 in. 10,000 psi WP BOP stack consisting of one (1) Shaffer LXT single ram, one (1) Shaffer LXT double ram equipped with Low Force Shear (LFS) capability and one (1) Shaffer 13-5/8 in. 5,000 psi WP annular                                     |
| <b>BOP Handling</b> | Ingersoll Rand hoist and trolley handling system with four (4) lift points, 100 short tons safe working load   |

### Cranes

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

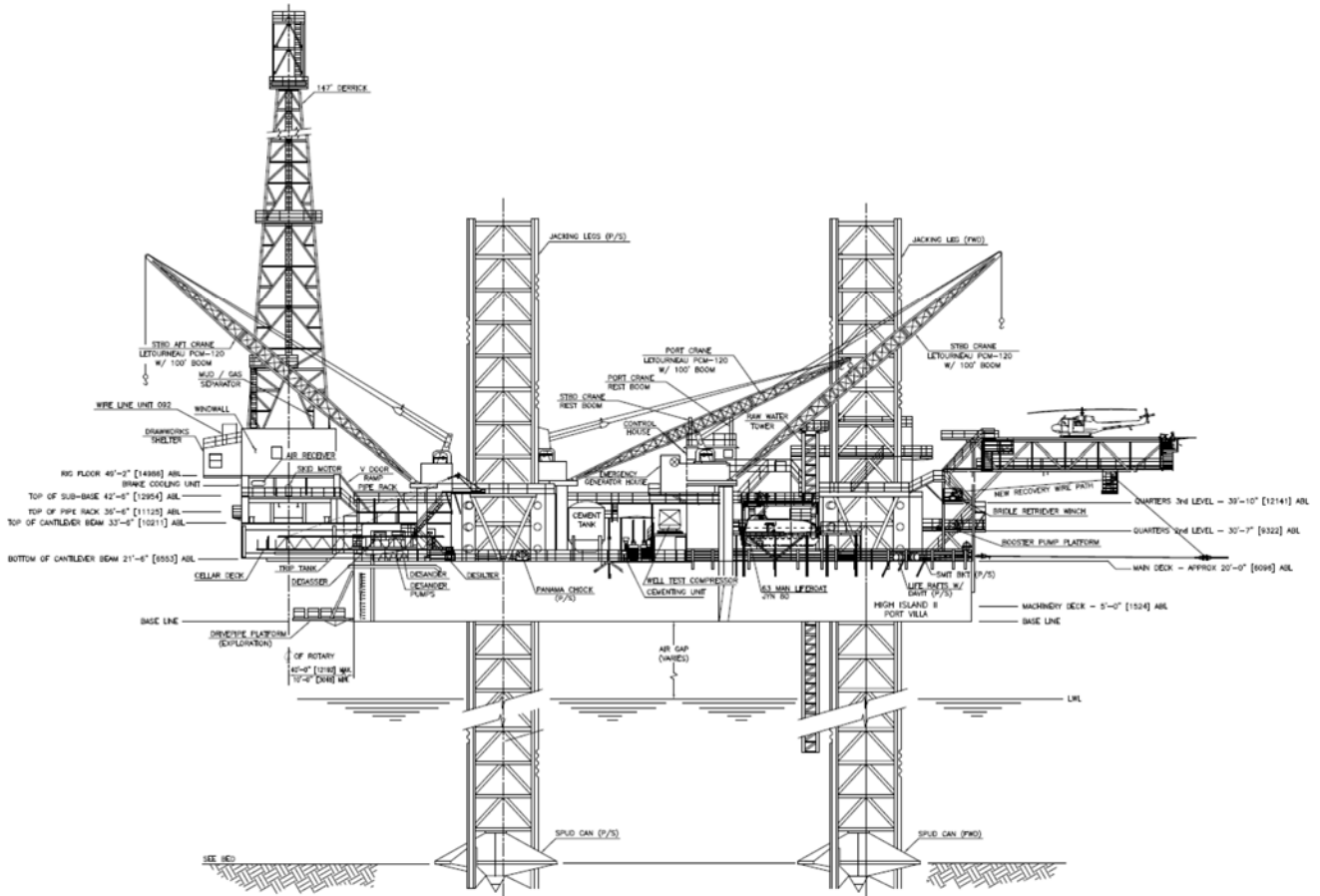
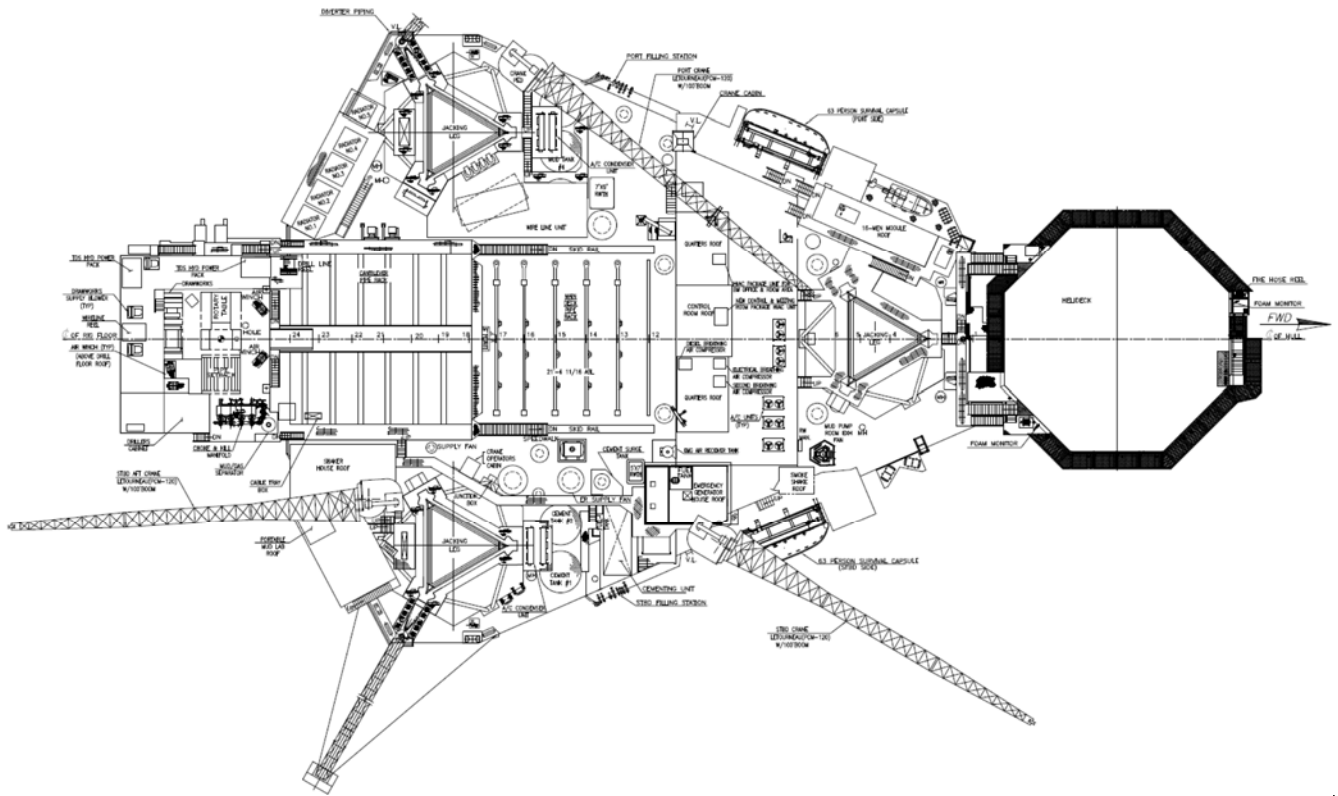
### Special Features

A seven (7) ft. cantilever extension is available to increase the cantilever maximum skid out distance to 47 ft.

R-Dec-2016



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