

Hibiscus Heavy Swamp-Barge

General Description

| DesignPosted Swamp Barge with Skidding Rig Floor | |
|--|---------------------------|
| Year Built / Last Upgrade | 1979 / 1993 |
| Hull Dimensions | 240 ft. x 75 ft. x 14 ft. |
| Quarters Capacity | 100 persons |
| Maximum Water Depth | |
| Skidding Envelope | 10 ft. by 12 ft. |
| Maximum Variable Load (drilling) | Approx. 2,780 kips |

Drilling Equipment

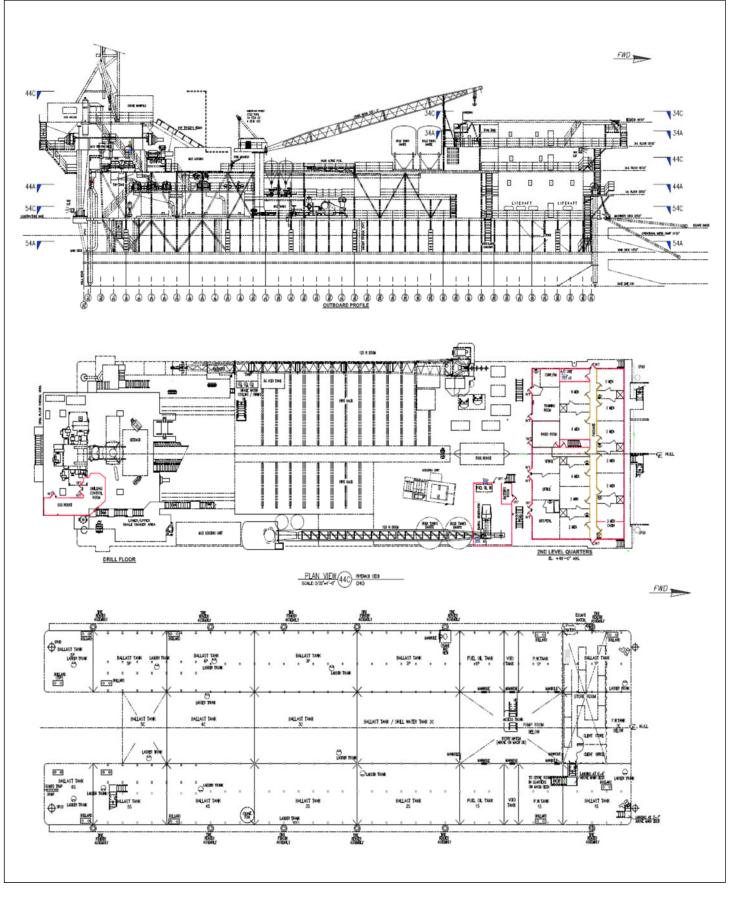
| Mast | Pyramid 160 ft. x 30 ft. x 30 ft., gross nominal capacity 1,000,000 lbs with twelve (12) lines (1-1/2" drilling line) |
|----------------|--|
| Drawworks | Gardner Denver 3000E, 3,000 HP rated input power, outfitted with three (3) 850 HP GE 752 DC motors |
| Rotary Table | Oilwell B-37.1/2, 37-1/2" maximum opening, driven by a GE752 800 HP DC motor |
| Top Drive | Varco TDS4S, 650 short tons, rated to 45,500 ft.lbs. maximum continuous torque in low gear |
| Pipe Handling | Hawk Jaw Senior, max. torque 100,000 ft.lbs. with wrench for tool joints size from 4" to $9\frac{1}{2}$ " OD, and spinner for tubular tube size from 3" to 9" OD |
| Mud Pumps | Three (3) Gardner Denver PZ11 mud pumps with 1,600 HP input power. High pressure mud piping rated to 7,500 psi WP. |
| Solids Control | Four (4) Thule VSM-300 shale shakers; one (1) Brandt SR-3 desander |

| Storage Capacities | | |
|------------------------|---|--|
| Liquid Mud | 2,514 bbls | |
| Drill Water | 2,642 bbls | |
| Fuel | 1,917 bbls | |
| Bulk Mud | 3,000 cu. ft. | |
| Bulk Cement | 3,000 cu. ft. | |
| Sack Storage | 20 metric tons | |
| Power Equipment | | |
| Main Power | Five (5) Caterpillar D399 TA rated 1,215 HP each, driving five (5) GE 5ATI 1,200 kW 600V AC generators. | |
| Power Dist. | Seven (7) Louisiana Electric SCR units, 750 volts | |
| Well Control Equipment | | |
| Diverter | Hydril MSP, 29-1/2" maximum bore, 500 psi working pressure with two (2) 16" overboard outlets | |
| 13-5/8" BOP | One (1) Hydril 5,000 psi annular preventer; one (1) Cameron Type U 10,000 psi single ram preventer: one (1) Cameron Type U 10,000 psi double ram preventer | |
| Cranes | | |

One (1) Manitex ML 2400 pedestal crane with 120 ft boom length, rated 12.5 short tons at 25 ft. radius; one (1) American Hoist 5720 pedestal crane with 100 ft boom length, rated 14.6 short tons at 20 ft. radius.



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.



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