



Hibiscus Heavy Swamp-Barge

General Description		Storage Capacities	
Design	Posted Swamp Barge with Skidding Rig Floor	Liquid Mud	2,514 bbls
Year Built / Last Upgrade	1979 / 1993	Drill Water	2,642 bbls
Hull Dimensions	240 ft. x 75 ft. x 14 ft.	Fuel	1,917 bbls
Quarters Capacity	100 persons	Bulk Mud	3,000 cu. ft.
Maximum Water Depth	21 ft.	Bulk Cement	3,000 cu. ft.
Skidding Envelope	10 ft. by 12 ft.	Sack Storage	20 metric tons
Maximum Variable Load (drilling)	Approx. 2,780 kips	Power Equipment	
Drilling Equipment		Main Power	Five (5) Caterpillar D399 TA rated 1,215 HP each, driving five (5) GE 5ATI 1,200 kW 600V AC generators.
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)	Power Dist.	Seven (7) Louisiana Electric SCR units, 750 volts
Drawworks	Gardner Denver 3000E, 3,000 HP rated input power, outfitted with three (3) 850 HP GE 752 DC motors	Well Control Equipment	
Rotary Table	Oilwell B-37.1/2, 37-1/2" maximum opening, driven by a GE752 800 HP DC motor	Diverter	Hydril MSP, 29-1/2" maximum bore, 500 psi working pressure with two (2) 16" overboard outlets
Top Drive	Varco TDS4S, 650 short tons, rated to 45,500 ft.lbs. maximum continuous torque in low gear	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
Pipe Handling	Hawk Jaw Senior, max. torque 100,000 ft.lbs. with wrench for tool joints size from 4" to 9 1/2" OD, and spinner for tubular tube size from 3" to 9" OD	Cranes	
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.	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.	
Solids Control	Four (4) Thule VSM-300 shale shakers; one (1) Brandt SR-3 desander		

