

General Information

Design: Marathon LeTourneau 150-44-C
Builder: LeTourneau, Vicksburg, MS.
Year Built: 1979
Class: ABS ✕ A1 Self-Elevating Drilling Unit

Principal Dimensions

Hull Length: 172 ft
Hull Breadth: 160 ft
Depth: 16 ft
Legs: 3 x 249.68 ft
Leg Spacing: 87 ft – Longitudinal
 100 ft – Transverse
Spud Can Diameter: 36 ft
Cantilever Envelope: Aft reach 35 ft x port/stdb 7.5 ft

Operating Parameters

Design Water Depth: 150 ft; 10 ft min
Max Water Depth: 125' (Hurricane) 150' (Non-Hurricane)
Drilling Depth Rating: 16,000 ft
Design Criteria: IMO, SOLAS, & MARPOL

Maximum Allowable Loads

Variable Deck Load: 2,093 kips (Includes drilling loads)
Static Hook Load: 1,000,000 lbs
Setback: 350,000 lbs
Rotary: 750,000 lbs
Max Cantilever Load: 1,000,000 lbs

Vessel

Storage Capacities

Fuel: 1,281 bbls
Drill Water: 6,109 bbls
Potable Water: 751 bbls
Liquid Mud: 1,061 bbls
Bulk Mud / Cement: 3,223 ft³ / 3,223 ft³
Sack Material: 1,200 sacks

Power System

Main Power: 4x Caterpillar D-399-TA
Power System: 4x 5 Ross Hill System
Emergency Power: 1x Caterpillar 3412

Hoisting Equipment

Cranes: 2x LeTourneau Electric PCM 120 full revolving deck cranes with 100' boom length. Maximum capacity 50 tons at 25 ft.



Drilling Package

Drilling Equipment

Derrick: Continental Emsco 20R 147' x 30' X 30' with a static hook load capacity of 1,000,000 lbs.

Drawworks: National 1320UE, 2,000 HP

Rotary Table: National C-375, 37 1/2"
Top Drive: Canrig 1050E, 500 ton
Crown Block: Emsco RA-52-7, 500 ton
Traveling Block: National B-500, 500 ton
Mud Pumps: 3x Continental Emsco F-1000 Triplex
Shale Shakers: 3x Brandt King Cobra Cascade
 1x Brandt King Cobra 16/2 Mud Cleaner 1x Brandt Degasser

Well Control System

BOP: 13-5/8" Shaffer annular preventer, 5,000 lb. WP, H₂S trim.
 13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H₂S trim.
 13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H₂S trim.

BOP Handling: 2x Ingersoll Rand Hercu-Link BOP handling overhead cranes with a rated capacity of 25 tons each, combined capacity of 50 tons.

Additional Data

Accommodations: 54 berths
Helideck: Rated for Bell 212