

General Information

Design: Bethlehem JU-200-MC
Builder: Sparrowpoint, Maryland
Year Built: 1981 & Refurbish 2007
Class: ABS ✕ A1 Self-Elevating Drilling Unit

Principal Dimensions

Hull Length: 157 ft
Hull Breadth: 132 ft
Depth: 18 ft
Legs: 3 x 269 ft x 11 ft
Leg Spacing: 127 ft – Longitudinal
 110 ft – Transverse
Cantilever Envelope: Aft reach 45 ft x port/stbd 10 ft

Operating Parameters

Design Water Depth: 200 ft; 23 ft min.
Max Water Depth: 164 ft (Hurricane)
 181 ft (Non-Hurricane)
Drilling Depth Rating: 20,000 ft
Design Criteria: IMO, SOLAS, & MARPOL

Maximum Allowable Loads

Variable Deck Load: 4,300 kips (Includes drilling loads)
Static Hook Load: 750,000 lbs.
Setback: 500,000 lbs.
Rotary: 750,000 lbs.
Max Cantilever Load: 1,000,000 lbs.

Vessel

Storage Capacities

Fuel: 2,120 bbls
Drill Water: 5,948 bbls
Potable Water: 1,050 bbls
Liquid Mud: 1,569 bbls
Bulk Mud / Cement: 4,360 ft³ / 4,460 ft³
Sack Material: 3,000 sacks

Power System

Main Power: 3x EMD 12-645-E1
Power System: DC / DC System
Emergency Power: 1x Caterpillar D353

Hoisting Equipment

Cranes: 1x Sea King 1400 with 100 ft boom.
 Maximum capacity 20 tons at 20 ft.
 1x Link Belt 238 with 100 ft boom.
 Maximum capacity 45.5 tons at 25 ft.



Drilling Package

Drilling Equipment

Derrick: Branham 147' x 30' x 30' with a static hook load capacity of 750,000 lbs.
Drawworks: Mid Continent U-1220-EB 2,000 HP
Rotary Table: Oilwell B-37-1/2.
Top Drive: Varco TDS-11 500 ton.
Crown Block: Branham 650, 650 ton
Traveling Block: McKissick Type RP, 550 ton.
Mud Pumps: 2x Gardner Denver PZ-11 triplex
Shale Shakers: 2x Brandt King Cobra Linear Motion
 1x Brandt King Cobra 24/3 Mud Conditioner
 1x DG-10 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 HercuLink BHS60MA6-30-30P1 BOP handling overhead cranes with a rated capacity of 30 tons each, combined capacity of 60 tons.

Additional Data

Accommodations: 62 berths
Helideck: Rated for: Sikorsky S-61