

General Information

Design: Bethlehem JU-200-MC
Builder: Bethlehem Beaumont, TX
Year Built: 1981
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
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
Drilling Depth Rating: 20,000 ft
Design Criteria: IMO, SOLAS, & MARPOL

Maximum Allowable Loads

Variable Deck Load: 4,410 kips (Includes drilling loads)
Static Hook Load: 1,000,000 lbs.
Setback: 1,000,000 lbs.
Rotary: 750,000 lbs.
Max Cantilever Load: 1,000,000 lbs.

Vessel

Storage Capacities

Fuel: 2,184 bbls
Drill Water: 5,948 bbls
Potable Water: 1,050 bbls
Liquid Mud: 1,500 bbls
Bulk Mud / Cement: 3,000 ft³ / 4,340 ft³
Sack Material: 3,000 sacks

Power System

Main Power: 2x EMD 16 cylinder 900 rpm / 2,200 hp
 1x EMD 12 cylinder, 900 RPM/1,650 hp engines with 3x Baylor AB20 600 VAC / 2,625 kW generators.

Power System: 3 x 4 Ross Hill System

Emergency Power: 1x Detroit 8V71 1,800 rpm / 240 hp engine driving a IEC 480 VAC / 250 kW generator.

Hoisting Equipment

Cranes: 2x FMC Link Belt ABS 218A with 90 ft boom length. Maximum capacity 35 tons at 20 ft.



Drilling Package

Drilling Equipment

Derrick: Continental Emsco 20R 160' x 30' x 30' with a static hook load capacity of 1,000,000 lbs.
Drawworks: Continental Emsco C-2 type II with two EMD D-79 electric motors.
Rotary Table: Continental Emsco T-4950 with RT-3A Trans, and one EMD D-79 MB electric motor.
Top Drive: National Oilwell PS-500/500 Electric
Crown Block: Continental Emsco RA-52-7: 500 ton
Traveling Block: National Oilwell : 500 ton.
Mud Pumps: 2x Continental Emsco FB-1600
Shale Shakers: 3x Brandt King Cobra
 1x Brandt King Cobra 16/2 Mud Conditioner
 1x National Oilwell D-1000 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 Hercu-Link HA2025 overhead BOP handling cranes with a rated capacity of 25 tons each, combined capacity of 50 tons.

Additional Data

Accommodations: 58 berths
Helideck: Rated for: Sikorsky S-61