

General Information

Design: Bethlehem JU-200-MC
Builder: Sparrows Point, MD
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: 25,000 ft
Design Criteria: IMO, SOLAS, & MARPOL

Maximum Allowable Loads

Variable Deck Load: 4,400 kips, (Includes drilling loads)
Static Hook Load: 1,000,000 lbs.
Setback: 500,000 lbs.
Rotary: 1,000,000 lbs.
Max Cantilever Load: 1,250,000 lbs.



Drilling Package

Drilling Equipment

Derrick: D.S.I. 160' x 30' x 30' with a static hook load capacity of 1,000,000 lbs.
Drawworks: National Type 1320-UE with two GE 752 electric motors.
Rotary Table: National 37.5' with 1x GE 752 electric motor.
Top Drive: Varco TDS-3s 650 ton.
Crown Block: Pyramid 500 ton
Traveling Block: National Oilwell 650, 500 ton.
Mud Pumps: 2x National 12-P-160 triplex
Shale Shakers: 3x Brandt King Cobra Hybrid Venom
 1x Brandt King Cobra 16/2 Mud Conditioner
 1x SWACO Horizontal Degasser

Vessel

Storage Capacities

Fuel: 2,184 bbls
Drill Water: 4,271 bbls
Potable Water: 1,050 bbls
Liquid Mud: 1,500 bbls
Bulk Mud / Cement: 3,000 ft³ / 3,000 ft³
Sack Material: 3,000 sacks

Power System

Main Power: 3x Detroit Diesel 16V-149 TIB 1,800 rpm / 1,750 hp engines with 3x Kato 1,200 SR9E 600 VAC / 1000 kW generators
Power System: 4 x 4 ISC/LEERS SCR System
Emergency Power: 1x Auxiliary Detroit Diesel 16V-149 TIB 1,800 rpm / 1,750 hp engine driving a Kato 1,200 SR9E 600 VAC / 1,000 kW generator. Can be added to the main power system.

Hoisting Equipment

Cranes: 1x Link Belt ABS 218 with 90 ft boom length. Maximum capacity 53.45 tons at 24 ft.
 1x Le Tourneau PCM 120 with 100 ft boom. Maximum capacity 50 tons at 20 ft..

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 JD Neuhaus EH-30 BOP handling overhead cranes with a rated capacity of 30 tons each, combined capacity of 60 tons.

Additional Data

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