

## 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 ft<sup>3</sup> / 4,340 ft<sup>3</sup>  
**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, H<sub>2</sub>S trim.  
 13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H<sub>2</sub>S trim.  
 13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H<sub>2</sub>S 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