

## General Information

**Design:** Bethlehem JU-200-MC  
**Builder:** Bethlehem Steel, Beaumont, TX  
**Year Built:** 1981 & Refurbished 1995  
**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:** 4,118 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:** 2,028 bbls  
**Drill Water:** 5,962 bbls  
**Potable Water:** 1,053 bbls  
**Liquid Mud:** 1,569 bbls  
**Bulk Mud / Cement:** 4,560 ft<sup>3</sup> / 4,660 ft<sup>3</sup>  
**Sack Material:** 3,000 sacks

### Power System

**Main Power:** 3x EMD 12-645-E1  
**Power System:** DC / DC System  
**Emergency Power:** 1x Caterpillar D379

### Hoisting Equipment

**Cranes:** 2x Link Belt 218 with 100 ft boom.  
 Maximum capacity 35 tons at 25 ft.



## Drilling Package

### Drilling Equipment

**Derrick:** Solmec 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. 37.5"  
**Top Drive:** Varco TDS-11SA 500 ton.  
**Crown Block:** Branham 650, 650 ton.  
**Traveling Block:** Oilwell B500, 500 ton.  
**Mud Pumps:** 2x Gardner Denver PZ-11 triplex  
**Shale Shakers:** 3x Brandt King Cobra Shakers  
 1x Brandt King Cobra Mud Conditioner 24/3  
 1x MI SWACO 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 OES BOP handling overhead cranes with a rated capacity of 30 tons each, combined capacity of 60 tons.

### Additional Data

**Accommodations:** 98 berths  
**Helideck:** Rated for: Sikorsky S-61