

## General Information

**Design:** Bethlehem JU-250-MS  
**Builder:** Bethlehem Steel, Beaumont, TX  
**Year Built:** 1982  
**Class:** ABS ✕ A1 Self-Elevating Drilling Unit

### Principal Dimensions

**Hull Length:** 166 ft  
**Hull Breadth:** 132 ft  
**Depth:** 16 ft  
**Legs:** 3 x 312 ft x 12 ft  
**Leg Spacing:** 104 ft – Longitudinal  
109 ft – Transverse  
**Cantilever Envelope:** Aft reach 31.6 ft x port/stbd 10 ft  
**Slot:** 48 ft x 50 ft

### Operating Parameters

**Design Water Depth:** 250 ft; 25 ft min.  
**Max Water Depth:** 200 ft (Hurricane)  
230 ft (Non-Hurricane)  
**Drilling Depth Rating:** 25,000 ft  
**Design Criteria:** IMO, SOLAS, & MARPOL

### Maximum Allowable Loads

**Variable Deck Load:** 4,500 kips (Includes drilling loads)  
**Static Hook Load:** 950,000 lbs.  
**Setback:** 500,000 lbs.  
**Rotary:** 750,000 lbs.  
**Max Cantilever Load:** 950,000 lbs.

## Vessel

### Storage Capacities

**Fuel:** 1,796 bbls  
**Drill Water:** 4,693 bbls  
**Potable Water:** 724 bbls  
**Liquid Mud:** 1,568 bbls  
**Bulk Mud / Cement:** 2,880 ft<sup>3</sup> / 3,600 ft<sup>3</sup>  
**Sack Material:** 3,000 sacks

### Power System

**Main Power:** 3x EMD 12- 264-E8  
**Power System:** 3 x 5 ISC/Seimens SCR System  
**Emergency Power:** 1x Detroit 16v92

### Hoisting Equipment

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



## Drilling Package

### Drilling Equipment

**Derrick:** Continental Emsco 20RD 147' x 31' x 31' with a static hook load capacity of 950,000 lbs.  
**Drawworks:** Continental Emsco C-3 3,000 HP  
**Rotary Table:** Continental Emsco T-3750, 37.5"  
**Top Drive:** National – PS 500/500, 500 ton.  
**Crown Block:** Continental Emsco RA60-7, 500 ton  
**Traveling Block:** National PSB-600/500, 500 ton  
**Mud Pumps:** 2x Continental Emsco FB-1600 triplex  
**Shale Shakers:** 3x Brandt King Cobra Plus Shakers  
1x Brandt Cobra Plus 16/3 Mud Conditioner  
1x Brandt DG-10 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 Ingersoll Rand Air, BOP handling overhead cranes with a rated capacity of 30 tons each, combined capacity of 60 tons.

### Additional Data

**Accommodations:** 54 berths  
**Helideck:** Rated for: Sikorsky S-61