

## General Information

<b>Design:</b>	Bethlehem JU-200-MC
<b>Builder:</b>	Bethlehem Steel Corp.
<b>Year Built:</b>	1979
<b>Class:</b>	ABS ✕ A1 Self-Elevating Drilling Unit

## Principal Dimensions

<b>Hull Length:</b>	157 ft
<b>Hull Breadth:</b>	132 ft
<b>Depth:</b>	18 ft
<b>Legs:</b>	3 x 269 ft x 11 ft diameter
<b>Leg Spacing:</b>	127 ft – Longitudinal 110 ft – Transverse
<b>Cantilever Envelope:</b>	Aft reach 45 ft x port/stbd 10 ft

## Operating Parameters

<b>Design Water Depth:</b>	200 ft; 23 ft min.
<b>Max Water Depth:</b>	164 ft (Hurricane) 181 ft (Non-Hurricane)
<b>Drilling Depth Rating:</b>	20,000 ft
<b>Design Criteria:</b>	IMO, SOLAS & MARPOL

## Maximum Allowable Loads

<b>Variable Deck Load:</b>	4,500 kips
<b>Static Hook Load:</b>	1,000,000 lbs.
<b>Setback:</b>	500,000 lbs.
<b>Rotary:</b>	1,000,000 lbs.
<b>Max Cantilever Load:</b>	1,250,000 lbs.

## Vessel

### Storage Capacities

<b>Fuel:</b>	2,184 bbls
<b>Drill Water:</b>	5,994 bbls
<b>Potable Water:</b>	1,064 bbls
<b>Liquid Mud:</b>	1,500 bbls
<b>Bulk Mud / Cement:</b>	3,000 ft <sup>3</sup> / 4,050 ft <sup>3</sup>
<b>Sack Material:</b>	3,000 sacks

### Power System

<b>Main Power:</b>	4 x Caterpillar D-399-TA Engines rated at 1,165 hp each / Leroy Somers LS2000 Generators rated at 1,050 kw each
<b>Power System:</b>	5 bay GE / SIEMENS model 2400M SCR System
<b>Emergency Power:</b>	1 x Caterpillar D-348-TA Engine rated at 450 hp / KATO Generator rated at 500 kw

### Hoisting Equipment

<b>Cranes:</b>	2 x Marathon LeTourneau cranes, model PCM-120-AS, rated at 45 tons at 25 ft with 100 ft boom
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## Drilling Package

### Drilling Equipment

<b>Derrick:</b>	PYRAMID 147' height and 30' x 30' base with a Gross Nominal Capacity of 1,444,000 lbs.
<b>Drawworks:</b>	National 1320-UE, driven by 2 x GE 752 electric motors rated at 1,000 hp each
<b>Rotary Table:</b>	National C-375, 37-1/2"
<b>Top Drive:</b>	Varco IDS-1, 500 ton
<b>Crown Block:</b>	National 750, 750 ton
<b>Traveling Block:</b>	National 650-G-500, 500-ton
<b>Mud Pumps:</b>	2 x National 10-P-130 triplex + 1 x Continental Emsco FB-1600 triplex
<b>Shale Shakers:</b>	3 x Brandt King Cobra Shakers
<b>Mud Cleaner:</b>	1 x Brandt King Cobra unitized with one Brandt 3 X 12" Desander and one Brandt 24 X 4" Mud Cleaner / Desilter
<b>Degasser:</b>	1 x Brandt DG-10 Degasser

### Well Control System

<b>BOP:</b>	1 x 13-5/8" Shaffer Spherical annular preventer, 5,000 lb. WP, H2S trim. 1 x 13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H2S trim. 1 x 13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H2S trim.
<b>BOP Handling:</b>	2 x Ingersoll Rand, BOP handling overhead cranes with a rated capacity of 25 tons each

### Additional Data

<b>Accommodations:</b>	84 berths
<b>Helideck:</b>	Rated for: Sikorsky S-61