

General Information

Design:	Bethlehem JU-250-MC
Builder:	Bethlehem Steel, Beaumont, TX
Year Built:	1981
Class:	ABS ✱ A1 Self-Elevating Drilling Unit

Principal Dimensions

Hull Length:	166 ft
Hull Breadth:	145 ft
Depth:	20 ft
Legs:	3 x 321 ft x 13 ft diameter
Leg Spacing:	132 ft – Longitudinal 120 ft – Transverse
Cantilever Envelope:	Aft reach 45 ft x port/stbd 12 ft

Operating Parameters

Design Water Depth:	250 ft; 25 ft min.
Max Water Depth:	213 ft (Hurricane) 230 ft (Non-Hurricane)
Drilling Depth Rating:	20,000 ft
Design Criteria:	IMO, SOLAS & MARPOL

Maximum Allowable Loads

Variable Deck Load:	4,500 kips
Static Hook Load:	1,000,000 lbs.
Setback:	650,000 lbs.
Rotary:	1,000,000 lbs.
Max Cantilever Load:	1,000,000 lbs.

Vessel

Storage Capacities

Fuel:	2,156 bbl.
Drill Water:	6,144 bbl.
Potable Water:	1,064 bbl.
Liquid Mud:	1,572 bbl.
Bulk Mud / Cement:	5,000 ft ³ / 4,460 ft ³
Sack Material:	3,000 sacks

Power System

Main Power:	3 x EMD 12-645E1 Engines rated at 1,650 hp each / EMD AB20-6 Generators rated at 2,500 kw each
Power System:	4 bay Ross Hill SCR System W/ VFD for Top Drive
Emergency Power:	1 x Caterpillar D-353 Engine rated at 400 hp / SRCR Caterpillar Generator rated at 300 kw

Hoisting Equipment

Cranes:	2 x Link-Belt ABS 238, rated at 45.5 tons at 25 ft as maximum capacity with 100 ft boom
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Drilling Package

Drilling Equipment

Derrick:	Branham Universal 160' x 30' x 30' with a Gross Nominal capacity of 1,392,000 lbs.
Drawworks:	Mid Continent U1220-EB, driven by 2 x GE 752 electric motors rated at 1,000 hp each
Rotary Table:	National C-375, 37-1/2"
Top Drive:	Varco TDS-11SA, 500 ton
Crown Block:	Branham Universal, 500 ton
Traveling Block:	Bryon Jackson, 500 ton
Mud Pumps:	3 x Gardner Denver PZ-11 triplex
Shale Shakers:	3 x Brandt King Cobra Shakers
Mud Cleaner:	1 x Brandt King Cobra unitized with one Brandt 2 X 12" Desander and one Brandt 16 X 4" Desilter
Degasser:	1 x Brandt DG-10 Degasser

Well Control System

BOP:	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.
BOP Handling:	2 x Wadleigh Industries Hydraulic BOP handling overhead cranes with a rated capacity of 35 tons each

Additional Data

Accommodations:	72 berths
Helideck:	Rated for: Sikorsky S-61N

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Rig specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes.