

General Information

Design:	Bethlehem JU-200-MC
Builder:	Bethlehem Singapore PTE LTD
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 x 11 ft diameter
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:	4,035 kips
Static Hook Load:	750,000 lbs.
Setback:	650,000 lbs.
Rotary:	750,000 lbs.
Max Cantilever Load:	1,000,000 lbs.

Vessel

Storage Capacities

Fuel:	2,184 bbls
Drill Water:	5,952 bbls
Potable Water:	1,050 bbls
Liquid Mud:	1,500 bbls
Bulk Mud / Cement:	2,920 ft ³ / 3,000 ft ³
Sack Material:	3,000 sacks

Power System

Main Power:	3 x EMD 12-264-E8 Engines rated at 1,500 hp each / EMD AB20-6 Generators rated at 1,515 kw each
Power System:	6 x Ross-Hill, 4 bay model 1401 and 2 bay model 1860 SCR System
Emergency Power:	1 x 12V71 x Detroit Diesel Engine rated at 400 hp / Marathon Magna Max 572RSL AC Generator rated at 400 kw

Hoisting Equipment

Cranes:	2 x Link-Belt cranes, model ABS 218, rated at 35 tons at 20 ft with 90 ft boom
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Drilling Package

Drilling Equipment

Derrick:	PYRAMID 160' height and 30' x 30' base with a Gross Nominal Capacity of 1,333,333 lbs
Drawworks:	National 1320-UE, driven by 2 x GE 752 electric motors rated at 1,000 hp each
Rotary Table:	National C-375, 37-1/2"
Top Drive:	National PS500-A, 500 ton
Crown Block:	Pyramid P 4971A-H, 500 ton
Traveling Block:	National 650-G-500, 500 ton
Mud Pumps:	2 x National 10-P-160 triplex
Shale Shakers:	2 x Brandt King Cobra Liner Motion and 2 x Brandt King Cobra Elliptical Motion
Mud Cleaner:	1 x Brandt unitized with 1 x Brandt 2 X 12" Desander 1 Brandt SE Desilter, and 1 x Brandt 20 X 4" Mud Cleaner
Degasser:	1 x Swaco D255-30 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 Industry BOP handling overhead cranes with a rated capacity of 35 tons each

Additional Data

Accommodations:	78 berths
Helideck:	Rated for: Sikorsky S-61