Appendix 4 of the BP GoM Deepwater SPU Well Control Response Guide

Transocean Deepwater Horizon Specifications

The DEEPWATER HORIZON is a Reading & Bates Falcon RBS8D design semi-submersible drilling unit capable of operating in harsh environments and water depths up to 10,000 ft using 18¾in 15,000 psi BOP and 21in OD marine riser.

Rig Type	5th Generation Fleet
Design	Reading & Bates Falcon RBS-8D
Builder	Hyundai Heavy Industries Shipyard, Ulsan, South Korea
Year Built	2001
Classification	ABS
Flag	Panama
Accommodation	130 berths
Helideck	Rated for S61-N helicopter
Moonpool	21 ft x 93 ft
Station Keeping	Dynamically Positioned
Max Drill Depth	35,000 ft / 10,668 m
Max Water Depth	10,000 ft / 3,048 m
Operating Conditions	Significant Wave: 29 ft @ 10.1 sec; Wind: 60 knots; Current: 3.5 knots
Storm Conditions	Significant Wave: 41 ft @ 15 sec; Wind: 103 knots; Current: 3.5 knots

Technical Dimensions		
Length	396 ft	121 m
Breadth	256 ft	78 m
Depth	136 ft	41 m
Operating Draft	76 ft	23 m
Ocean Transit Draft	29 ft	9 m
VDL – Operating	8,816 st	8,000 mt

Capacities			
Liquid Mud	4,435 bbls	Fuel Oil	27,855 bbls
Drill Water	13,076 bbls	Bulk Mud	13,625 cu ft
Potable Water	7,456 bbls	Bulk Cement	8,175 cu ft

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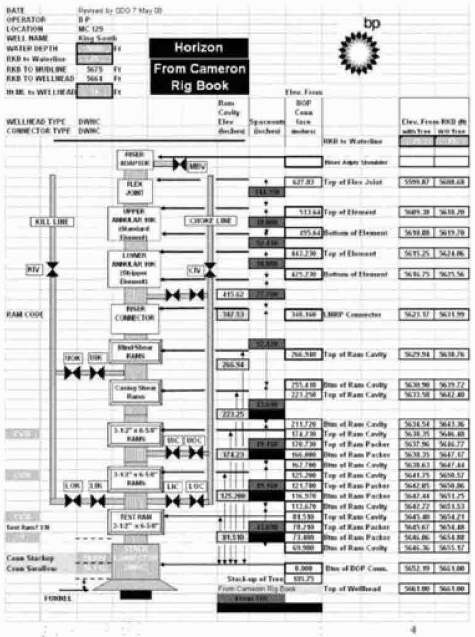

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