

COSLSEEKER



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**General Description**

Design/Generation	Baker Marine Pacific Class 375
Constructing Shipyard	PPL Shipyard Pte Ltd, Singapore
Deliver Year/Upgrades	2009
Classification	ABS&CCS
Flag	Singapore
Overall Dimensions	236ft(72m) L*224ft(68m) W x 28ft(8.5m) D
Legs	3 x 506.40ft(154.35m); Triangular
Usable leg below hull	435ft(132.59m)
Spudcan diameter	55.5ft(16.9m)
Draft at loadline	19.5ft(5.9m)
Displacement at loadline	43,950kips
Drilling VL	7,500 kips
Cantilever Envelope	70ft ± 15ft
Operating Water Depth	375ft
Max. Rating Drilling Depth	30,000ft
Accommodation	120 beds

Drilling Equipment

Derrick	National Oilwell Varco / Bolted H-beam
hook-load capacity	1500 kips
Drawworks	National Oilwell Varco / D3000 UEAC
Top Drive	National Oilwell Varco / HPS-750-E-AC-SG working pressure :7,500psi, Rated capacity :750st
Rotary Table	National Oilwell Varco / D-495 7K with Adapter Bushing for 37-1/2" Master Bushing
Tubular Handling	National Oilwell Varco / X-Y HydraRacker/ Racking Gripper Head:3½ to 9¾ / 22,000lb/ Pick-up Elevator,2 7/8 to 13 5/8
Mud Pumps	3*NOV* 14-P-220, 2,200hp/ea, 7,500psi
Solid Control	4* DERRICK DP-626 with Twin SG3X Motors
Drilling Manifold	4-1/16" 10K Choke and kill manifold-NEWAY 3-1/16" 10K Cement manifold-NEWAY 5"7500psi Stand pipe manifold-NEWAY

Power Plant

Main Power	5* Caterpillar 3516B HD diesel engines rated at 2,150hp, 1,200 rpm
Emergency Power	1 X Caterpillar 3058 diesel engines 720 kW, 900 kVA

STORAGE CAPACITIES

Fuel Oil	3,500 barrels
Liquid Mud	4,000 barrels
Brine	1422 barrels
Base Oil	1,000 barrels
Drill water	12,000 barrels
Potable Water	25,00 barrels
Bentonite/barite	5,826ft3
Cement	5,826ft3
Sack Storage	4,000 sacks

BOP Equipment

Diverter	Vetco Gray / KFDJ-500 Big bore / 500psi
BOP annular	CAMERON 13-5/8" *10,000 Psi;
BOP rams	2* CAMERON 13-5/8"*10k Psi, Double Ram;
BOP handling	2* INGERSOLL RAND HERCU- LINK , safe working load at 100MT each; Vertical travel length 9.1m

Cranes

Portfwd & Stb fwd & Port aft	One (1) each rated at 55 short tons @ 25 ft One (1) each rated at 45 short tons @ 25 ft One (1) each rated at 25 short tons @ 20 ft
Knuckle-Boom	1* API 2C and ABS CDS/ Knuckle boom pipe handling crane with gripper yoke for 3½" to 20" tubulars
URF crane	Two CKT7-10S1 crane rate at 7t@10m

Mooring Equipment

Mooring Winches	4* Baker Marine single drum Dual Speed , electric, 35kw 32 tons stall pull, 63 tons holding .
Anchor Lines	4* RRL galvanized/ 1 ½in/ 3,000ft
Anchors	4* Flipper Delta ,6lt

OTHER FEATURES

Helideck	Rated for Sikorsky S61N helicopter
Tension System	National Oilwell Varco / Hinged Push-up Ring on Conductor Platform, with 4 Hydraulic / 250ST

These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

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