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ENSCO 6004

GENERAL INFORMATION

Flag Bahamas
Previous Name(s) Pride Portland
Year Built 2004
Builder Halter Marine Pascagoula Inc., USA
Design Megathyst – Semi-Submersible
Classification Lloyd's Register O.U. X 100A1, X LMC, UMS, DP (AAA), PC, DRILL

MACHINERY

Main Power (6) Caterpillar 3612-DITA diesel engine, 4,460hp at 900 rpm; each driving (1) Leroy Somer AC-Generator LSA 56 AL 12/8p, 4,715 kVA, 6,600 V, 60 Hz
Power Distribution (6) SCR's Alstom Bauteil division
Emergency Power Any main generator can be an emergency generator.

OPERATING PARAMETERS

Water Depth 5,600 ft
Maximum Drilling Depth 25,000 ft
Transit Speed 6 knots
Survival Conditions Wind: 100 knots; Significant wave height: 55.77 ft, max wave period: 14 s

DRILLING EQUIPMENT

Derrick Pyramid 163 x 40 x 40 ft ; 1,300 kips static hook load with 12 lines
Drawworks Continental Emsco C-3 type II, 3,000 HP; 7838 Elmagco brake
Rotary Continental Emsco model T-4950-65; 49-1/2 in. opening, powered by GE 752 RB1 Hi-Torq DC motor
Top Drive Maritime Hydraulics model DDM-650L-DC, 2 speed, 50,400 lb/ft @ 100 rpm, rated 650 ton, 5,000 psi WP
Cementing 10,000psi WP
Mud Pumps (3) Continental Emsco FC-1600 triplex pumps, 1,600 HP, 5,000 psi WP

HOISTING EQUIPMENT

Crane (2) Huisman pedestal cranes 40 mT at 6 m, with 38 m boom, port/stbd

CAPACITIES

Liquid Mud 4,003 bbls
Bulk Mud/Cement 10,028 ft3
Sacks 2,000 sacks
Drillwater 7,044 bbls
Potable Water 2,503 bbls
Brine Storage 1,723 bbls
Fuel Oil 12,346 bbls

WELL CONTROL SYSTEMS

BOP (1) ABB-Vetco H4-E well head connector 18-3/4 in., (1) ABB-Vetco H4-DxE well head connector 16-3/4 in., (2) Cameron type TL double rams BOP 18-3/4 in., (1) Shaffer annular BOP 18-3/4 in., (1) ABB-Vetco H4-HAR LMRP connector 18-3/4 in., (1) Shaffer 18-3/4 in. annular BOP, (1) Oil States flexjoint 18-3/4 in.
BOP Handling (1) Huisman BOP carrier, 220mT; (2) Huisman BOP 40 mT overhead crane; (1) Huisman 60 mT Xmas tree carrier; (1) Huisman 40 mT Xmas tree overhead crane
Control System Cameron MUX system 5,000 psi WP
Diverter Hydriil FS21-500, with 12 in. overboard lines
Choke and Kill 3 1/16 in. 10M WOM manifold

MOORING

Winches 2 ea. x Pellegrini AS-1500/S/E Elect. Winch, 170 mT brake holding capacity

HELIDECK Sikorsky S-61N, 72.18 x 72.18 ft

ACCOMMODATION 130 persons

ADDITIONAL DATA

(2) 60 man fully enclosed life boats
(4) 35man life rafts