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ENSCO 5006

GENERAL INFORMATION

Flag: Vanuatu
Previous Name(s): Pride North America
Year Built: 1998/1999
Builder: Friede & Goldman, Pascagoula, USA
Upgrade:
Design: Bingo 8000, modified by the addition of 22.96ft pontoon extensions Fore & Aft.
Classification: ABS, Maltese Cross 1A1 Column Stabilized Drilling Unit

MAIN DIMENSIONS

Deck Area: 252.60ft x 213.3ft

MACHINERY

Main Power: 4 x Caterpillar 3608-TA diesel engines x 3,055hp; 4 x Baylor AC generator x 600v 60Hz 3,571kva.
Power Distribution: 6 x SCR's: M&I x 2,200A 750V DC output for drilling and mooring
Emergency Power: 1 x Caterpillar 3512-DITA diesel engine 1,281hp; 1 x Caterpillar SR-4 AC generator, 480V, 60Hz 1,137kva

OPERATING PARAMETERS

Water Depth: Maximum design value: 7,500ft, Outfitted for 7,000ft
Maximum Drilling Depth: 25,000ft
Transit Speed: 5knots
Survival Conditions: Wind: 100knots; Waves: 105ft at 15sec; Current: 1.5knots

DRILLING EQUIPMENT

Derrick: Loadmaster 172ft x 44ft x 40ft x 1,600,000lbs SHL capacity with 14 lines
Drawworks: National 1625 UBDE x 3,000hp input; 7838 Elmagco brake
Rotary: National 60-1/2" powered by GE 752 electric motor
Top Drive: Varco TDS-4S x 2 speeds x 750T x 45,500ft.lb @ 130rpm x 7,500psi wp
Mud Pumps: 3 x National 14-P-220 x 2,200hp x 7,500psi wp

HOISTING EQUIPMENT

Craneage: 1 x AmClyde Kingpost crane x80mT at 31.5m with 48.76m boom; 1 x Liebherr Kingpost crane MTC-1900-60D Litronic x 60mT at 8.9m with 45.72m boom

CAPACITIES

Liquid Mud: 5,100bbbls x Deck Box; 4,800bbbls x Reserve Mud (Minor columns)
Bulk Mud/Cement: 22,560ft³
Sacks: 6,000 sacks
Drill water: 12,320bbbls
Potable Water: 4,620bbbls
Fuel Oil: 16,650bbbls

WELL CONTROL SYSTEMS

BOP: VetcoHD-H4 well head connector x 18-3/4" x 15,000psi wp; 2 x Cameron 18-3/4" type TL double x 15,000psi wp H2S trimmed preventers; 1 x Hydril x 18-3/4" dual annuflex annular x 10,000psi wp H2S trimmed; LMRP: Cameron connector model HC, 18-3/4" x 15,000psi wp; Oil State 5,000psi flex joint.
BOP Handling: 1 x BOP carrier x 272mT; 1 x X-mas Tree Carrier, 272mT; 2 x 72.5mT BOP overhead crane
Control System: Cameron Multiplex system, 5,000psi
Diverter: Hydril FS-21-500 x 21-1/4" for a 60-1/2" rotary x 500psi wp; 2 x 14" vent line and 1 x 18" flow line outlets
Choke and Kill: Cameron 15,000psi x 4", H2S service manifold

MOORING

Winches: 4 x Skagit double drum traction winches
Wire: 10,600ft x 3-3/4" wire and 2,500ft x 3-1/4" R3S chain
Anchors: 8 x Vryhof Stevpris MK-5 anchors x 15mT

HELIDECK

Sikorsky S-61N, 84ft x 84ft

ACCOMMODATION

120 persons

ADDITIONAL DATA

4 x Norsafe 60-man totally enclosed life boats; 5 x 25 man life rafts