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Semi-Submersible

General Description

Design / GenerationOffshore Company SCP III Mark 2
Constructing Shipyard H. de. J.Barreras
Year Entered Service / Significant Upgrades1981/2007
Classification.....ABS +A1, Column Stabilized Drilling Unit, (E), (M), CRC
Flag Liberia
Overall Dimensions.....379 ft.long x 265 ft.wide x 170 ft deep
Motion Compensator NOV Shaffer 600k
Drafts 75 ft(Operating) / 31 ft (Transit)
Accommodation 125 persons
Displacement.....30,635 kips
Variable Deck.....6,614 kips operating / 5,512 kips transit
Transit Speed up to 4 knots, @ 9,000 hp sea tug
Operating Water Depth 1,500 ft. designed
Maximum Drilling Depth 25,000 ft

Drilling Equipment

Derrick Bailey Pyramid type; 185 ft high with 40 ft x 40 ft base
Hookload Capacity 1,000,000 lbs gross nominal capacity
Riser Tensioners (6) Houston systems; 160 kips; 50 ft line travel
Drawworks NOV 1625 DE Max hook load 1,000 kips with 12 lines. (3) x GE 752 motors suitable for 1.5" drill line
Rotary Table Oilwell 49.5" table opening, hydraulic drive, rated 453 mt
Top Drive Maritime Hydraulics DDM 650 HY
Tubular Handling Varco AR3200, 3-1/2" to 9-3/4" OD drill pipe & drill collar
 Make-up torque 100,000ft-lb Break-out torque 120,000ft-lb
Mud Pumps (3) Continental Emsco FB1600 pumps, each driven by 800 hp (GE-752 DC motor) 5,000 psi rated
Solids Control (4) Brandt VSM300 Shale Shakers

Power & Machinery

Main Power (2) Electro Motive 12645 E8, (2) Electro Motive 20645 E9 diesel engines rated at 1,500 hp each / 3,600 hp each at 900rpm with Synchronous Generator rated to 1,050 kW and 2,500 kW respectively
Emergency Power (1) Caterpillar D398 diesel engine rated at 550kW at 900rpm with Kato 550 SR 9D generator rated to 550kW

Storage Capacities

Fuel Oil..... 8,655 bbls
Liquid Mud..... 3,915 bbls
Base Oil 1,500 bbls
Brine..... 1,500 bbls
Drill Water 7,793 bbls
Potable Water 3,214 bbls
Bulk Material (mud + cement) 11,500 cu-ft
Sack Storage 8,000 sacks

BOP & Well Control Equipment

LMRP (1) Shaffer 18-3/4 in x 5 kpsi annular BOP
Marine Risers (12) Vetco MR 6C, 21" OD, 50ft, X-65, 11,085 lbs, (6) dogs
Telescopic Joint (1) Vetco MR6 19-3/8" ID, 68 ft length, 53.5 ft Stroke
BOP Annular (1) Shaffer 18-3/4" 5k psi annular preventer
BOP Rams (2) Cameron Type U II 18-3/4" 10k psi annular preventer
BOP Handling (1) Electric Stahl System, rated 75mt(Dual)/150mt(Parallel)
Diverter Regan KFDS-3, 37-1/2" diverter rated to 500psi with (1) 20" outlet lines

Mooring Equipment

Mooring System (12) 15mt Stevpris anchors 8 x 83mm x ORQ x 4,200ft 4 x 76mm x K4 x 4,500fts pull
Station Keeping Sailor 6004 BOPDGNSS System (Position Indicator)

Cranes

Cranes (2) Huisman crane, 120mt capacity, 203ft boom length

Special Features & Other Information

Helideck Rated for Sikrosky S-61N helicopters. CAP 437



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Borr Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

