

Prospector 1

Additional information please contact:

Borr Drilling Management DMCC
 Level 28 Reef Tower, Cluster O
 P.O. Box 36913
 Jumeirah Lakes Towers, Dubai United Arab Emirates
 +971-04-4487501
 marketing@borrdrilling.com - www.borrdrilling.com

High Specification Jackup

General Description

Design / Generation Friede & Goldman JU2000E
Constructing Shipyard Dalian Shipbuilding Industry Offshore Co., Ltd., China
Year Entered Service / Significant Upgrades 2013
Classification..... ABS,A1, CDS, Self-Elevating Drilling Unit
Flag Vanuatu
Overall Dimensions.....324 ft.long x 255 ft.wide x 31 ft deep
Legs (3) 547 ft. long, Triangular
Drafts21.949 ft at loadline
Accommodation 140 persons
Displacement.....50,693 kips
Variable Deck.....8,300 kips operating / 6,614kips transit (spud cans full)
Transit Speed up to 4 knots, @ 150st bollard pull
Operating Water Depth 400 ft. designed / 400 ft. outfitted
Maximum Drilling Depth 35,000ft

Drilling Equipment

Derrick TTS/ Hot dipped galvanized; 194 ft high with 40 ft x 40 ft base
Hookload Capacity 2,000,000 lbs gross nominal capacity
Cantilever/ Drill floor 75 ft / 15 ft Port & Stbd
Drawworks Cameron Ultrahoist SG 1060-6000 Max hook load 2,120 kips with 16 lines. 4 x GE AC motors suitable for 2" drill line
Rotary Table Cameron 49.5" table opening, hydraulic drive, rated 1,000 st
Top Drive Cameron TTS Sense Model STD-1000-AC-2M
Tubular Handling Cameron TTS/JiM 10T LR, 3-1/2" to 9-3/4" OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb (Fully mechanised)
Mud Pumps (3) Wirth TPK 2200 triplex pumps, each driven by 2,200 hp (GE AC motor) 7,500 psi rated
Solids Control (2) MI Swaco primary dual motion shakers. (3) NOV/VSM-300 cascading balanced elliptical shakers. (1) MI Swaco/Gumbo-X Chain Surveyor

Power & Machinery

Main Power (6) Caterpillar 3516C-HD diesel engines rated at 1,525hp at 1200rpm each with Caterpillar generator rated to 1,530kW
Emergency Power (1) Caterpillar C32 diesel engine rated at 1,200hp at 1,800rpm with Caterpillar generator rated to 900kW

Storage Capacities

Fuel Oil..... 4,150 bbls
Liquid Mud..... 5,493 bbls
Base Oil 1,340 bbls
Brine..... 1,340 bbls
Drill Water 9,963 bbls
Potable Water 3,428 bbls
Bulk Material (mud + cement) 18,000 cu-ft
Sack Storage 5,000 sacks

BOP & Well Control Equipment

BOP Rams (1) Cameron Double "U" rams 20-3/4" 3k psi BOP
BOP Rams (2) Cameron Double "U" rams 13-5/8" 10k psi BOP
BOP Annular (1) Shaffer 21-1/4" 2,000psi annular preventer
BOP Annular (1) Hydril GK 13-5/8" 5,000psi annular preventer
BOP Handling (2) TTS BOP main hoists, rated 75mt each
Diverter Cameron KFDJ 500, 49-1/2" diverter rated to 500psi with 16" flow line, (2) 14" overboard lines

Mooring Equipment

Mooring Winches (4) MEP-Pellegrini electric winches rated at 88,000 lbs pull 100mt brake holding
Anchor Lines 3000ft x 2" galvanized wire rope
Anchors (4) Flipper Delta anchor, 16,500 lbs each

Cranes

Cranes (3) Liebherr cranes, 75mt capacity,120ft boom

Special Features & Other Information

CTU TSC 600 kips Load (primary) and 300 kips Load (Secondary)
MPD & HPHT Equipped for MPD and HPHT operations
Helideck Rated for Sikorsky S-61 and S-92 helicopters. CAP 437
Offline Systems:
Iron Roughneck (1) Cameron JiM10T LR Iron Roughneck.3-1/2" to 9-3/4" OD
Pipe Rack KBC (1) Cameron TTS Pipe Rack Knuckle Boom Crane of 5.5 st
Pipe Handling (1) Cameron TTS SmartRacker 10 mt OAC (Offline Activity Crane) capable of offline pipe handling



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.

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