



High Specification Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Liberia.
Overall Dimensions (Hull)	243 ft. long x 206 ft. wide x 26 ft. deep.
Legs	444 ft. long.
Gear Unit Height	27.54 ft.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	17.25 ft. load line draft.
Accommodation	140 persons.
Displacement	28,726 kips operating.
Variable Deck	6,301 kips operating / 3,382 kips transit.
Transit Speed	average 3 knots (min. 300 kips combined bollard pull).
Operating Water Depth	300 ft.
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	LCM Woolslayer 170 ft. base, 35 ft. X 32 ft.
Hook load Capacity	1,500,000 lbs.
Top Drive/Power Swivel	Nov TDS-8SA X 750T X 1,150 hp
Cantilever / Skid out	70 ft.
Travelling Block	Nov Derco 768TB-750-8C X 750T.
Crown Block	Lee C Moore 750 st .
Drawworks	NOV ADS-10T x 3,450 hp.
Auxiliary Brake	Braking using dynamic braking resistors model JEVI (4x1200KW)
Rotary Table	NOV D-495 x 49 1/2" 750T x 1,150 hp.
Cementing Eqpt.	Baker Hughes.
Torque Wrench/spinner	(1) NOV ST-160.

Mud System

Mud Pumps	(3) NOV 14-P-220 X 2,200 hp x 7,500 psi.
Mud System Max. Press	Rated for 7,500 psi.
Mud Pits	4,481 bbls total
Desanders & Desilters	VMS300 24 – 4" Desilter cones and 3 – 12" desander cones
Degasser	(2) NOV Brandit DG - 10
Shale Shakers	(5) NOV Brandit VSM 300

Storage Capacities

Diesel Fuel	4114 bbls.
Liquid Capacity	5,235 bbls.
Drill Water	16,536 bbls.
Potable Water	2,648 bbls.
Bulk Cement	7,000 cu ft.
Base Oil	981 bbls.
Sack Storage	775 sq. ft.
Pipe Storage (Main)	1680 sq. ft. x 27.25 ft. high.
Pipe Storage (Cantilever)	3510 sq. ft. x 47.25ft. high.

BOP & Well Control

BOP	(2) Cameron-13 5/8" 10 M Double
BOP Handling	(2) EH75 JD Neuhaus, Pneumatic Chain Hoist 75 Ton each hoist.
Diverter	Vetco KFDJ X 49 1/2" RST.
Annular	NOV Shaffer 13 5/8" x 10,000 psi.
Control Unit	3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 1,500 gal.
Choke Manifold	4-1/16" 10K Upstream to 4-1/16" 5K Downstream.

Power & Machinery

Main Power	(5) Caterpillar 3516 CHD engine x 1,525 kw
Emergency Generator	(1) Caterpillar 3512 - C engine x 1,360 KW

Cranes

Deck Cranes	(1) 140ft boom x 75 sT at 35ft radius (Diesel). (2) 120ft boom x 51 sT at 30ft radius, Electric
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Special Features & Other Information

Helideck	SIKORSKY S-61N, S-92, and EH-101 Overall Length: (22.8 M) 74.8 Ft. Rotor Size: (18.9 M) 62.0 Ft. Gross Weight: (14,600 KG) 32.2 Kips
Jacking capacity	Make/type Letourneau / Electro-Mechanical Rack & Pinion Number of jacks or pinions - number 20 per leg, Three legs = 60 Total Maximum jacking load - kips 22,230 kips Jacking speed - ft/min 1.5 ft/min.

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