



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	215.33 ft. long x 196 ft. wide x 22 ft. deep.
Legs	3 x 445 ft. long, triangle.
Longitudinal Leg Centers	121.67 ft.
Transverse Leg Centers	140.51 ft.
Drafts	15.94 ft. load line draft.
Accommodation	90 persons.
Displacement	25,806.22 kips operating.
Variable Deck Load	5,022.30 kips operating / 3,066.48 kips transit.
Transit Speed	average 3 knots (min. 300 kips combined bollard pull).
Operating Water Depth	300 ft.
Maximum Drilling Depth	35,000 ft.

Drilling Equipment

Derrick	Woolslayer base 36 ft. X 36 ft, 170 ft.
Hook load Capacity	2,000,000 lbs. on 16 Lines static hook load capacity.
Top Drive	National Oilwell PS-2 750A, 7500 psi rated 1,500 hp AC motor, output torque 79,000 ft lbs continuous at 250 rpm.
Cantilever / Drill Floor	50 ft aft of Transom / 15 ft transverse to port or starboard.
Travelling Block	NOV 1000 Ton.
Crown Block	Woolslayer/ SCB-55 Rated Capacity 2,000,000 lbs.
Drawworks	Lewco 3000, Driven by (2) 1,500 hp AC Motors with 1-3/4 - inch Drill Line.
Auxiliary Brake	NOV Baylor 15050.
Rotary Table	Lewco D495, 49-1/2", Capacity 1,250 tons, Driven by (1) OEM 400 hp AC Motor.
Cementing Eqpt.	BJ Service 1300C, working pressure with 2 triplex pumps.
Torque Wrench	NOV ST-100 Iron Roughneck, size 3-1/2" to 8-1/2".

Mud System

Mud Pumps	(3) Letourneau Ellis William W-3000, Triplex. (2) Letourneau AC Motors, power rating 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	2181 + 2099 bbls Reserve Mud Tank.
Desanders & Desilters	(1) Derrick w/3-10" poly cones 1,200 gpm. (1) Derrick w/ 20-4" poly cones 1,200 gpm.
Degasser	(1) Derrick / VacuFlor-1200 at 1200 gpm.
Shale Shakers	(4) Derrick / FLC-504, BDKCSS, 3K gpm max.

Storage Capacities

Fuel Oil	5,505 bbls.
Liquid Mud	4,280 bbls.
Base Oil	726 bbls.
Drill Water	7,190 bbls (incl. combo tanks).
Potable Water	1,582 bbls.
Bulk Material	(Barite/Bentonite + Cement) 11,882 cu.ft.
Sack Storage	775 sq. ft.
Pipe Storage (Main)	2,400 sq. ft. x 7ft. high.
Pipe Storage (Cantilever)	2,352 sq. ft. x 7ft. high.

BOP & Well Control

BOP	(1) 13-5/8" 10K (2ea Double) (1) 21-1/4" 2K & 30" 1K Annular
BOP Handling	(2) JD Neuhaus, Pneumatic Chain Hoist 125 Ton each hoist.
Diverter	ABB Vetco Gray Model KFDJ 500 psi.
Control Unit	Cameron, 3k psi BOP Control Unit, (90) 15 gal. bottles with reservoir tank capacity 1,250 gal.
Choke Manifold	3-1/16" 15K Upstream to 4-1/16" 10K Downstream.

Power & Machinery

Main Power	(5) Caterpillar 3516BHD V16, diesel engines rated 2,150 hp (5) Kato 6P6-3000 Generator rated at 1,540kw.
Emergency Power	(1) Caterpillar 3516BHD V16 diesel engines rated 2,150 hp (1) Kato C060-6422 Generator rated at 1,540kw.

Cranes

Deck Cranes	(3) Letourneau PCM 220SS Pedestal Crane, SWL 50 tons.
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Special Features & Other Information

Helideck	D 22.2 M, SWL 12.8 tons.
Jacking	6 pinions per chord, 3 x chords per leg, 1000 kips per pinion for holding capacity and 440 kips per pinion for Jacking capacity.

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