



High Specification Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	215 ft. long x 196 ft. wide x 22 ft. deep.
Legs	3 x 445 ft. long, triangle.
Gear Unit Height	30 ft.
Longitudinal Leg Centers	122 ft.
Transverse Leg Centers	141 ft.
Drafts	16 ft. load line draft.
Accommodation	90 persons.
Displacement	25,806 kips operating.
Variable Deck	7,500 kips operating / 3,265 kips transit.
Transit Speed	average 4.5 knots (min. 6000 lbs combined bollard pull).
Operating Water Depth	300 ft.
Maximum Drilling Depth	35,000 ft.

Drilling Equipment

Derrick	Woolslayer 15263, 170 ft. base, 36 ft. X 36 ft.
Hookload 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, continuous at 296 rpm.
Cantilever / Drill Floor	60 ft aft of Transom.
Travelling Block	LEWCO, LBLK-100,1000 Ton.
Crown Block	Woolslayer./ SCB-55 Rated Capacity 2,000,000 lbs.
Drawworks	Lewco 4500, Driven by (2) 4,500 hp AC Motors with 1-3/4 - inch Drill Line.
Auxiliary Brake	NOV Baylor 15050 W.
Rotary Table	Lewco D495, 49.5 inch, Rated Capacity 400 hp.
Cementing Eqpt.	HEC, working pressure 15,0000 psi with 2 triplex pumps.
Torque Wrench	NOV TW-61 / ST-100 Torque Wrench, size 4" to 9-3/4".

Mud System

Mud Pumps	(3) Letourneau Ellis William W-3000, Triplex. (2) Letourneau DC Motors, power rating 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4,178 bbls + 2,178 bbls Reserve Mud Tank.
Mud Mixing Pumps	(2) Halco 2500 Supreme, 150 hp, 2400 gpm per pump.
Desanders & Desilters	(1) Derrick FLC 500 (3) - 10" poly cones 1,200 gpm. (1) Derrick FLC 500 (20) - 4" poly cones 1,200 gpm.
Degasser	(1) VAC-FLO / 1200 RATED 125 hp, Capacity 1200 gpm.
Mud Processing Pumps	(4) Halco 2500 Supreme, 125 hp.
Shale Shakers	(4) Derrick Flowline Cleaners 750 gpm each.

Storage Capacities

Fuel Oil	5,507 bbls.
Liquid Mud	4,178 bbls total (6 pits + 2 slug pits + 2 Comb. Tank).
Base Oil	7,25 bbls.
Drill Water	7,188 bbls (incl. combo tanks).
Potable Water	1,580 bbls.
Bulk Material	(mud + cement) 11,942 cu.ft.
Sack Storage	7,75 sq. ft.
Maximum Drilling Payload	7,633,000 lbs.
Sand Traps	6,76 bbls.
Pipe Storage (Main)	2,400 sq. ft. x 7ft. high.
Pipe Storage (Cantilever)	2,352 sq. ft. x 7ft. high.

BOP & Well Control

BOP Rams	(1) Cameron-18-3/4", 15k Type "TL" (3) 1/16" 15k outlets. below each set of rams with (3) 1/16" 15k outlets.
BOP Annular	(1) 18-3/4", 10k Shaffer.
BOP Handling	(2) JD Neuhaus, Pneumatic Chain Hoist 125 Ton each hoist.
Diverter	GE Vetco Gray, KFDJ Model 'J' 500 psi, 36.5" Max. bore.
Control Unit	Cameron, 3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 950 gal.
Choke Manifold	(30) EEC 3 - 1/16" type FE manual gate valve, rated 15k psi. (4) EEC 4 - 1/16" type FE manual gate valves, rated 15k psi.

Power & Machinery

Main Power	(5) Caterpillar 3516BHD V16, diesel engines rated at 2150 hp. (5) KATO 6P6 - 3000 Generator rated 1540 KW Horizontal Synchronous AC type rated 600 Volts.
Emergency Power	(1) Caterpillar 3516B HD V16, rated 2150 hp. (1) KATO C060-6422 Generator rated 1540 KW.
Power Distribution	Alstom / Oem VFD System 1600 Amps; rated 600 Volts.

Cranes

Deck Cranes	(2) Letourneau PCM 220SS Pedestal Crane, 140 ft Boom Length.
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Special Features & Other Information

Helideck	Sikorsky S-61N / S-92 helicopters (Aviation Spec. CAP 437).
Jacking	6 pinions per chord, 3 x chords per leg, 659 kips per pinion for normal operation and 925 kips per pinion for normal Jacking.



