



Premium 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	84 persons.
Displacement	25,806 kips operating.
Variable Deck	7,500 kips operating / 3,009 kips transit.
Transit Speed	average 5-7 knots (min. 30,000 brake 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 250 rpm.
Cantilever / Drill Floor	50 ft aft of Transom.
Travelling Block	NOV, 1000 Ton, capacity 2,000,000 lbs
Crown Block	Woolslayer./ 12526 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 W.
Rotary Table	National D495, 49.5 inch, Rated Capacity 400 hp.
Cementing Eqpt.	Dowell / Schlumberger CPS-472, W/CBS 393-6 & 19 bbls recirculation & CMP 351, working pressure 15,000 psi with 2 triplex pumps.
Torque Wrench	NOV TW-61 Torque Wrench, size 8.5" to 3.5".

Mud System

Mud Pumps	(3) LEWCO-3000, Triplex 1,500 hp driven (2) OEM AC electric motors, rated 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4,178 bbls.
Mud Mixing Pumps	(3) Halco 2500 Supreme, 125 hp, 2400 rpm per pump.
Desanders & Desilters	(1) Derrick / 2SG48-120F-4A-55 (3) - 10" poly cones 1,200 gpm. (1) Derrick / 2M48-120F-4A-55 (20) - 4" poly cones 1,200 gpm.
Degasser	(1) VAC-FLO / 1200 RATED 125 hp, flow rate 1000 gpm.
Mud Processing Pumps	(4) Halco 2500 Supreme, 125 hp.
Shale Shakers	(4) Derrick Corporation, Model FIC-504LH, 750 gpm each.

Storage Capacities

Fuel Oil	5,507 bbls.
Liquid Mud	4,178 bbls total (6 pits + 2 slug pits + 1 Comb. Tank).
Base Oil	7,26 bbls.
Drill Water	7,190 bbls (incl. combo tanks).
Potable Water	1,582 bbls.
Bulk Material	(mud + cement) 11,882 cu.ft.
Sack Storage	7,75 sq. ft.
Maximum Drilling Payload	7,500,090 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 600 gal.
Choke Manifold	(30) EEC 3 - 1/16" type FLS manual gate valve, rated 15k psi. (4) EEC 4 - 1/16" type FLS manual gate valves, rated 10k psi.

Power & Machinery

Main Power	(5) Caterpillar 3516, V16, diesel engines rated at 2150 hp. (5) KATO 6P6 - 3000 Generator rated 1500 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	(3) 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.



