



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 445.45 ft. long, triangle.
Longitudinal Leg Centers	121.67 ft.
Transverse Leg Centers	140.50 ft.
Drafts	15.94 ft. load line draft.
Accommodation	110 persons.
Displacement	25,806.22 kips operating.
Variable Deck Load	7,766,270 lbs operating / 2,689,630 lbs transit.
Transit Speed	average 3 knots (min. 300 kips combined bollard pull).
Maximum Water Depth	300 ft.
Maximum Drilling Depth	35,000 ft.

Drilling Equipment

Derrick	Woolslayer 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 (60 ft with Extension beams) / 12 ft transverse to port or starboard.
Travelling Block	LEWCO, LBLK-1000,1000 Ton.
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, 49-1/2", Capacity 1,250 tons, Driven by (1) OEM 400 hp AC Motor.
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 TW61 Torque wrench, size 3-1/2" to 8-1/2".

Mud System

Mud Pumps	(3) LEWCO-3000, Triplex 3000 hp driven by (2) OEM AC electric motors, rated 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4280 bbls total- (6) Mud Pits (2) Slug Pits (1) Reserve Mud Tank.
Mud Mixing Pumps	(2) Halco 2500 Supreme,125 hp, 2400 rpm per pump.
Desanders & Desilters	(1) Derrick / 2SG48-120F-4A-55 w/3 - 10" poly cones 1,200 gpm. (1) Derrick / 2M48-120F-4A-55 w/20 - 4" poly cones 1,200 gpm.
Degasser	(1) Derrick VAC-FLO-1200 at 1200 gpm.
Mud Processing Pumps	(5) Halco 2500 Supreme, 125 hp.
Shale Shakers	(4) Derrick Model FLC-504, 750 gpm each.

Storage Capacities

Fuel Oil	5,505 bbls.
Liquid Mud	4,280 bbls.
Base Oil	726 bbls.
Drill Water	7,191 bbls (incl. combo tanks).
Potable Water	1,582 bbls.
Bulk Material	(Barite/Bentonite + Cement) 11,882 cu.ft.
Sack Storage	475 sq. ft.
Maximum Drilling Payload	7,766,270 lbs
Sand Trap	575 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	(1) 18-3/4" 10K Annular (1) 18-3/4" 15K (2ea Double Cameron Type "TL") (1) 26-3/4" 3K & 30" 1K Annular
BOP Handling	(2) EMCE, Pneumatic Chain Hoist 125 Ton each hoist.
Diverter	GE Vetco Gray, Model KFDJ 500 psi.
Control Unit	Cameron, 3K psi BOP Control Unit (80) 15 gal. bottles with reservoir tank capacity 600 gal.
Choke Manifold	4-1/16" 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 6P6-3000 Generator rated at 1,540kw.

Cranes

Deck Cranes	(3) Letourneau PCM 220VS Pedestal Crane, SWL 50 tons.
--------------------	-------------------------------------------------------

Special Features & Other Information

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

DAT-ENG-ARO-057-20-002-R2



