



JP Bussell

Design: LeTourneau Technologies Tarzan Class
 Built: Vicksburg, Mississippi
 Year Built / Last Upgrade: 2008 / 2016



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.
Longitudinal Leg Centers	122 ft.
Transverse Leg Centers	141 ft.
Drafts	16 ft. load line draft.
Accommodation	107 persons.
Displacement	25,806 kips operating.
Variable Deck Load	7,329.31 kips operating /3,329.31 kips transit.
Transit Speed	average 3 knots (min. 300 kips combined ballard pull).
Maximum 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 (60 ft with extension beams) / 15 ft transverse to port or starboard.
Travelling Block	LEWCO TB-1000, Capacity 1000 tons.
Crown Block	Woolslayer / 12526A Model 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	Lewco L495, 49-1/2 inch, Capacity 1,000 tons, Driven by (1) OEM 400 hp AC Motor.
Cementing Eqpt.	BJ Electric Seahawk
Torque Wrench	NOV TW-61 Torque Wrench, size 3-1/2" to 8-1/2".

Mud System

Mud Pumps	(3) LEWCO-3000, Triplex 1,500 hp driven (2) OEM AC motors, rated 1500 hp.
HP Mud System	Rated for 7,500 psi.
Mud Pits	4,280 bbls total- (6) Mud Pits (2) Slug Pits (1) Reserve Mud Tank.
Desanders & Desilters	(1) Derrick / 2SG48-120F-4A-55 (3) - 10" poly cones 1,500 gpm. (1) Derrick / 2M48-120F-4A-55 (20) - 4" poly cones 2,400 gpm.
Degasser	(1) Derrick VAC-FLO / 1200 flow rate 1200 gpm.
Shale Shakers	(4) Derrick Corporation, Model FLC-504, 750 gpm each.

Storage Capacities

Fuel Oil	5,505 bbls.
Liquid Mud	4,280 bbls.
Base Oil	726 bbls.
Drill Water	7,190 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) Hydril GX (1) 21-1/4" 2K & 30" 1K Annular
BOP Handling	(2) JD Neuhaus, 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	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 6P6-3000 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 Capacity	6 pinions per chord, 3 x chords per leg, 1000 kips per pinion for holding capacity and 400 kips per pinion for jacking capacity.



