



ARO – 141

Design: Cameron S116 E
 Built: Lamprell Energy Ltd.
 Year Built / Last Upgrade: 2016



High Specification Jackup

General Description

Classification.....	ABS, A1 Self-elevating Drilling Unit.
Flag	Liberia.
Overall Dimensions (Hull).....	243 ft. long x 206 ft. wide x 26 ft. deep.
Legs	444 ft. long.
Gear Unit Height	27 ft.
Longitudinal Leg Centers.....	129 ft.
Transverse Leg Centers.....	142 ft.
Drafts	17.25 ft. load line draft.
Accommodation	140 persons.
Displacement.....	28,726 kips operating.
Variable Deck.....	6,290 kips operating / 3,371 kips transit.
Transit Speed	average 3 knots (min. 300 kips combined bollard pull).
Operating Water Depth	300 ft.
Maximum Drilling Depth	30,000 ft.

Drilling Equipment

Derrick	LCM Woolslayer 170 ft. base, 35 ft. X 32 ft.
Hook load Capacity	1,500,000 lbs.
Top Drive/Power Swivel	Nov TDS-8SA X 750T
Cantilever / Skid out	70 ft.
Travelling Block	Nov Derco 768TB-750-8C X 750T.
Crown Block	Lee C Moore 750 st.
Drawworks	NOV ADS-10T x 3,450 hp.
Auxiliary Brake	Dynamic braking resistors model JJEVI (4x1200KW).
Rotary Table	NOV D-495 x 49 1/2" 750T.
Cementing Eqpt.	Baker Hughes.
Torque Wrench/spinner	(1) NOV ST-160.

Mud System

Mud Pumps	(3) NOV 14-P-220 X 2,200 hp x 7,500 psi.
Mud System Max. Press	Rated for 7,500 psi.
Mud Pits	4,481 bbls.
Desanders & Desilters	(1) NOV Brandt 2500 supreme, Desanders with (3 cones). (1) NOV Brandt 175, Desilter with 24 x 4" cones.
Degasser	(2) NOV Brandit DG - 10
Shale Shakers	(5) NOV Brandit VSM 300

Storage Capacities

Diesel Fuel	3,928 bbls.
Liquide capacity	5,235 bbls.
Drill Water	16,536 bbls.
Potable Water	2,648 bbls.
Bulk Cement	7,000 cu ft.
Base Oil	981 bbls.
Sack Storage	775 sq. ft.
Pipe Storage (Main)	1680 sq. ft. x 27.25 ft. high.
Pipe Storage (Cantilever)	3510 sq. ft. x 47.25ft. high.

BOP & Well Control

BOP	(2) Shaffer -18 3/4" 15 M Doubles
BOP Handling	(2) EH75 JD Neuhaus, Pneumatic Chain Hoist 75 Ton each hoist.
Diverter	Vetco KFDJ X 49 1/2" RST.
Annular	NOV Shaffer 18 3/4" x 10,000 psi.
Control Unit	3K psi BOP Control Unit (50) 15 gal. bottles with reservoir tank capacity 1,200 gal.
Choke Manifold	4-1/16" 10K Upstream to 4-1/16" 5K Downstream.

Power & Machinery

Main Power	(5) Caterpillar 3516 CHD engines x 1,525 kw
Emergency Generator	(1) Caterpillar 3512 - B engine x 1,360 KW

Cranes

Deck Cranes	(1) 140ft boom x 75 sT at 35ft radius (Diesel). (2) 120ft boom x 51 sT at 30ft radius, Electric
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Special Features & Other Information

Helideck	SIKORSKY S-61N, S-92, and EH-101 Overall Length: (22.8 M) 74.8 Ft. Rotor Size: (18.9 M) 62.0 Ft. Gross Weight: (14,600 KG) 32.2 Kips
Jacking capacity	Make/type Letourneau / Electro-Mechanical Rack & Pinion Number of jacks or pinions - number 20 per leg, Three legs = 60 Total Maximum jacking load - kips 22,230 kips Jacking speed - ft/min 1.5 ft/min.

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These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with ARO Drilling standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



