



Premium Jackup

General Description

Classification	ABS, A1 Self-elevating Drilling Unit.
Flag	Marshall Islands.
Overall Dimensions (Hull)	243 ft. long x 201 ft. wide x 26 ft. deep.
Legs	3 x 410 ft. long, triangle.
Gear Unit Height	24 ft.
Longitudinal Leg Centers	129 ft.
Transverse Leg Centers	142 ft.
Drafts	15 ft. load line draft.
Accommodation	82 persons.
Displacement	22,369 kips operating.
Variable Deck	5,064 kips operating / 2,314 kips transit.
Transit Speed	average 4 knots (min.6000 BHP bollard pull / towboat).
Operating Water Depth	300 ft.
Maximum Drilling Depth	25,000 ft.

Drilling Equipment

Derrick	160 ft. Lee C. Moore 30 ft. x 30 ft. Base.
Hookload Capacity	1,250,000 lbs. on 12 Lines static hook load capacity.
Top Drive	National PS2-650/650, 1,000 hp, Operating torque low gear 45k ft. lbs. continuous at 117 rpm, breakout torque 45,000 ft lbs.
Cantilever / Drill Floor	45 ft / 52 ft aft transom.
Travelling Block	National 660H500, Capacity : 1,000,000 lbs.
Crown Block	NOV 760FA, Capacity: 1,300,000 lbs.
Drawworks	4500 Driven by (2) 2,000 hp AC Motors with 1.5-inch Drill Line;
Auxiliary Brake	NOV Baylor Elmago 7838, ER # 11073.
Rotary Table	Lewco Model 375,37-1/2 inch.
Cementing Eqpt.	Halliburton 10K.
Torque Wrench	Varco TW-60, (2) Hawk 950 Spinners.

Mud System

Mud Pumps	(3) National-12-P-160, Triplex, 1,600 hp driven by (2) GE 752's.
HP Mud System	Rated for 5,000 psi.
Mud Pits	2,060 bbls total; Active Pits (4) + 137 bbl Slug Pit.
Mud Mixing Pumps	(2) TRW Mission Magnum-75 Hp- 3K gpm.
Desanders & Desilters	Derrick-polymeric hydroclone 20 x 4" Shaker Recovery and Derrick-1K gpm cyclone unit.
Degasser	(1) Derrick Mud Gas Separator (Vacu-Flo).
Mud Processing Pumps	(2) Mission Magnum pumps 75 hp & (1) 100 hp, 1200 rpm.
Shale Shakers	(4) Derrick FLC-513 High-G.

Storage Capacities

Fuel Oil	3,128 bbls.
Liquid Mud	2,197 bbls total (4 pits + 1 slug pits).
Base Oil	7,00 bbls.
Brine	5,29 bbls.
Drill Water	11,704 bbls (incl. combo tanks).
Potable Water	1,078 bbls.
Bulk Material	(mud + cement) 13,820 cu.ft.
Sack Storage	1,500 sq. ft.
Maximum Drilling Payload	9,670,000 lbs.
Sand Traps	180 bbls.
Pipe Storage (Main)	2,040 sq. ft x 7 ft. high.
Pipe Storage (Cantilever)	2,400 sq. ft x 7 ft. high.

BOP & Well Control

BOP Rams	(1) Single 13-5/8" 10K, (1) Double 13 5/8" 10k Cameron Type U w/Blind Shears w/Tandem Boosters w/4-1/16" 10k side Outlets.
BOP Annular	(1) 13-5/8" Shaffer 5K, (1) 30 Shaffer 1K, (1) 21-1/4" Hydril 2K.
BOP Handling	(2) J D Neuhaus 37.5 Ton each hoist.
Diverter	Regan KFDJ 2,K psi.
Control Unit	3K psi BOP Control Unit (28) 15 gal. bottles with reservoir tank capacity 650 gal.
Choke Manifold	(23) EEC 3-1/16" Type F Manual 10k Psi, H2S Trimmed, (2) EEC E-H2 Manuel Choke, (1) EEC E Check Valve, W /CAD-15K-S-H75 Pressure Testing Unit.

Power & Machinery

Main Power	(6) Caterpillar D-399 diesel engines rated at 1,325 hp. (6) KATO Generator.
Emergency Power	(1) Kato, 1030 kW generator.
Power Distribution	(4) GE 111 system rated at 900 KW, (2) GE MICRODRILL (1) Parker SSD SCR.

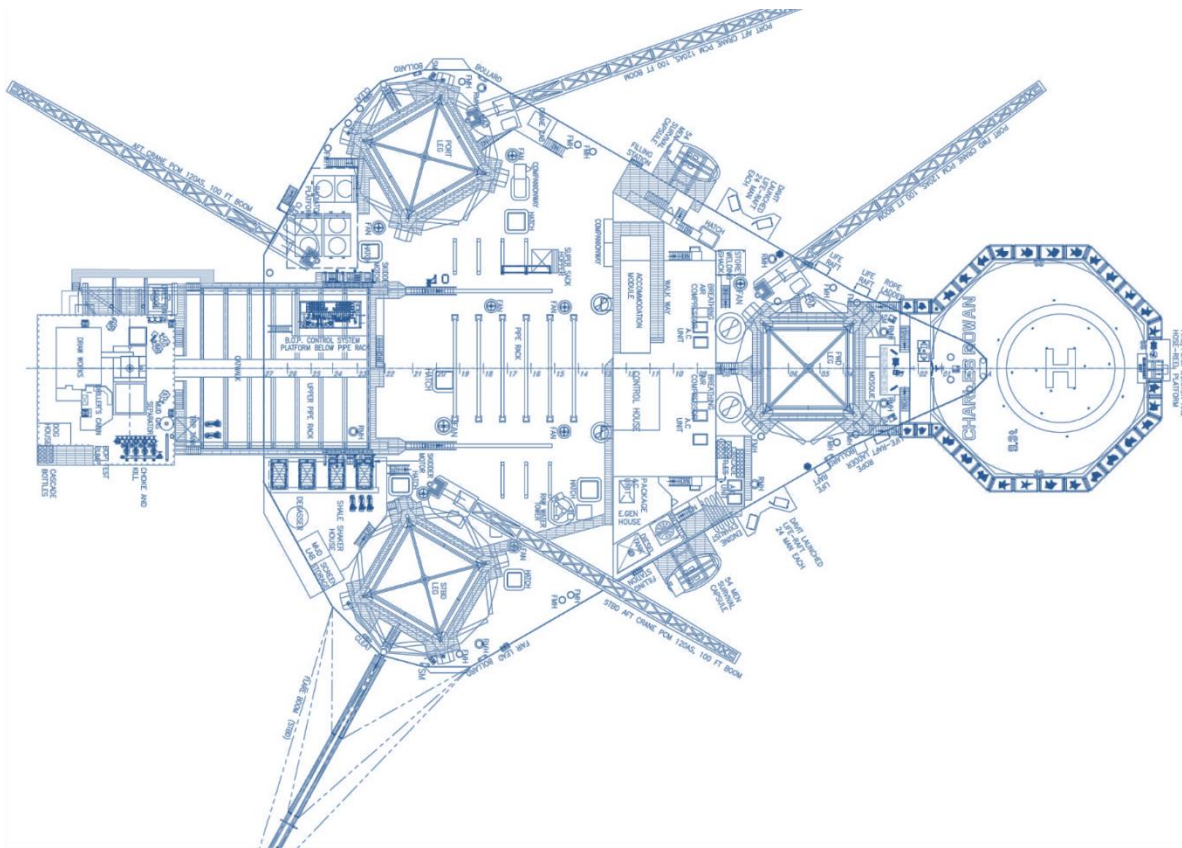
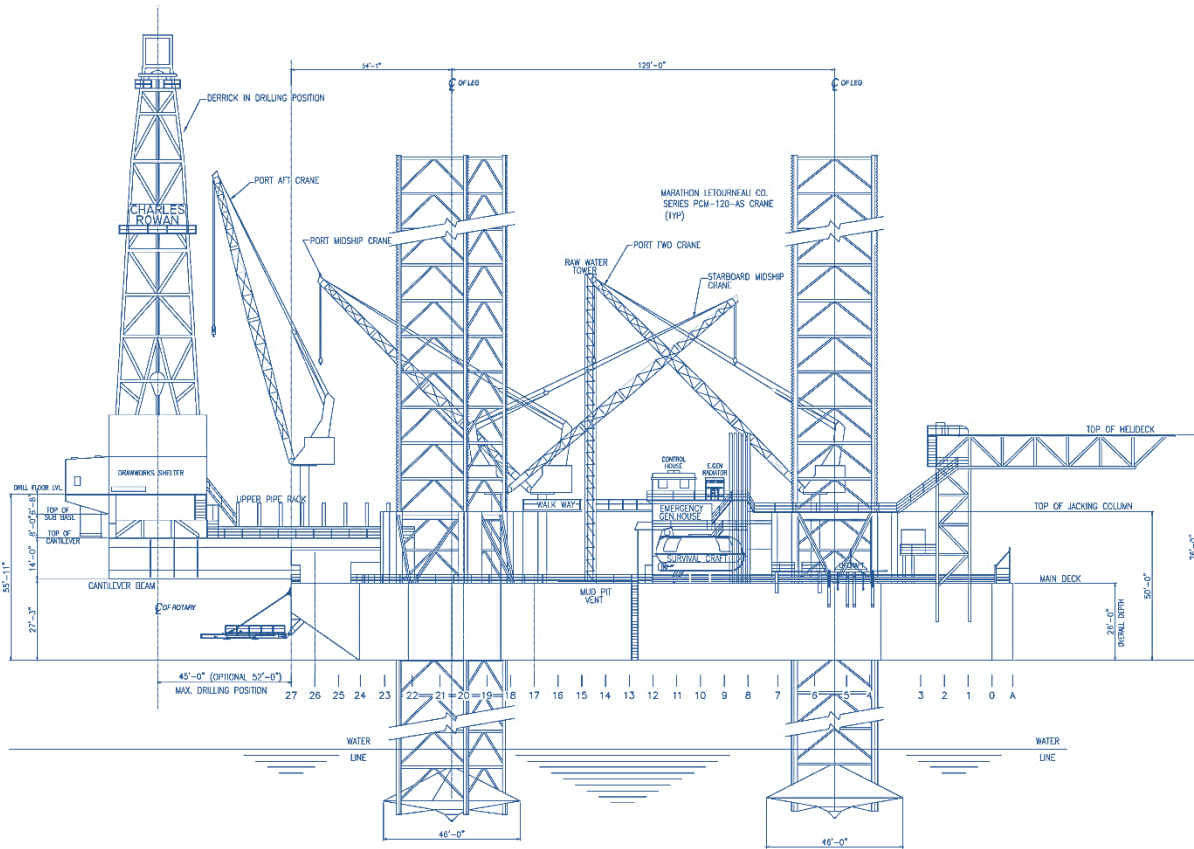
Cranes

Deck Cranes	(4) Letourneau PCM-120 AS - 50 TON.
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Special Features & Other Information

Helideck	Sikorsky S-61N helicopters.
Jacking	4 pinions per chord, 4 x chords per leg, 6,00 kips per pinion for normal operation and 338 kips per pinion for normal Jacking.





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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.