



ENSCO 112 (formerly Atwood Aurora)

GENERAL INFORMATION

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| Flag: | Marshall Islands |
| Previous Name(s): | Atwood Aurora |
| Year Built: | 2008 |
| Builder: | LeTourneau – Brownsville Texas |
| Design: | LeTourneau Super 116E Independent Leg JU |
| Classification: | ABS, @ A1 Self-Elevating Drilling Unit |

MAIN DIMENSIONS

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| Length: | 243 ft. |
| Breadth: | 222 ft. |
| Depth: | 26 ft. |
| Legs: | 477 ft. |
| Leg Spacing: | Transverse: 142 ft (43.279 meters); longitudinal: 129 ft (39.317 meters) |
| Cantilever: | 72 ft. |
| Spud Cans: | 1,585 sq. ft. |

DRAFT AND DISPLACEMENT

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| Transit Draft: | 17.15ft (5.23m) |
| Displacement: | 28,000 kips (12,700.59mt) |

MACHINERY

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| Main Power: | Five (5) Caterpillar Model 3516BHD, 2,150HP @ 1200 RPM, total of 10,750 HP; Five (5) KATO, 600 VAC, 1500 KW, 2500 KVA |
| Power Distribution: | 600V for Generator SCR/VFD drive switchboards |
| Emergency Power: | One (1) Caterpillar Model 3512; 1478 BHP, 1,050KW, 1,312 KVA with Caterpillar Model SR4 Generator 600v |

OPERATING PARAMETERS

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| Water Depth: | 350 ft |
| Drilling Depth: | 30,000 ft |
| Length Below Hull: | 420ft (128.016m) |
| Air Gap: | 50 ft |
| Transit Speed: | 2.9 knots |
| Survival Conditions: | 35 ft (10.66 m) waves; 100 knots wind |
| Criteria Design: | 35 ft (10.66 m) waves; 70 knots wind |

DRILLING EQUIPMENT

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| Derrick: | 35 x 35 ft. base with a 7.5 ft. off-center rotary; 1,500,000 lbs. Static Hook Load |
| Drawworks: | 4500 HP AC drawworks with regenerative AC braking (primary); Eaton (or equivalent) disk brakes (secondary) and disk parking Brake with three 1,500 HP each AC motor |
| Rotary: | 49½" with hydraulic drive |
| Top Drive: | Varco TDS 8SA, (or equivalent) with GE A20 AC motor, rated at 1,200HP continuous, 1,500HP intermittent with VFD variable speed AC motor drive. |
| Traveling Block: | 750 ton with Sheaves for 1¾" Wireline |
| Handling: | Two (2) NOV ST-80 Iron Roughnecks |
| Cementing: | Schlumberger (3rd party free placement) |
| Mud Pumps: | three (3) LEWCO Model 2215 2,200HP triplex mud pumps each with two (2) GE752 1,100HP top mounted motors and belt drive configuration. Fluid ends rated for 7,500 psi W.P. |
| Drill Pipe: | 15,000 ft. 5½" 21.90 lbs/ft grade S-135 with DSTJ double shouldered connections; 30 jts. 5 ½" Hevi-Wate |
| Drill Collars: | 24 jts. 8 ¼" OD spiral Drill Collars, 6 5/8" Reg. with zip lift; 30 jts. 7" OD spiral Drill Collars, NC- |

50 connections with zip lift

HOISTING EQUIPMENT

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| Craneage: | One (1) LeTourneau 220 SS with 140 ft boom rated at 75 tons SWL at 32 ft boom radius and two (2) LeTourneau 120 SS cranes with 120 ft booms rated at 41.6 tons SWL with 32 ft boom radius |
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CAPACITIES

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| Variable Deck Load: | 5,986 kips |
| Cantilever Load: | 2,750 kips |
| Liquid Mud: | 5,056 bbls |
| Bulk Tanks: | 12,200 cu ft |
| Sacks: | 5,000 sacks |
| Drill Water: | 13,957 bbls |
| Potable Water: | 1,659 bbls |
| Brine Storage: | 682 bbls |
| Base Oil Capacity: | 1,068 bbls |
| Fuel Oil: | 2,119 bbls |

WELL CONTROL SYSTEMS

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| BOP: | High Pressure BOP Stack (18 ¾", 15,000 psi WP): One (1) 18¾" 10,000 psi WP Spherical annular BOP; Two (2) 18¾" 15,000 psi CIW Type "TL" Double ram BOPs |
| BOP Handling: | Patriot Crane; x 75 sh/ton each (150,000lbs) |
| Control System: | CAD/Electro Hydraulic; 3,000 psi |
| Diverter: | One (1) 49½" 500 psi WP fixed ABB Vetco KFDJ diverter system with 14" lines running port/stb with 24" and 32" risers |
| Choke & Kill: | 3 1/16" 15,000 psi WP with two (2) remote and two (2) manual chokes |

HELIDECK

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| Design: | Designed for S61 and S92 Helicopter and fully compliant with CAP 437 regulations |
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JACKING AND SKIDDING SYSTEM

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| Make / type: | Letourneau Rack & Pinion |
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ACCOMMODATION

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| Total Beds: | 110 persons (plus 2 bed sick bay) |
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ADDITIONAL DATA

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| Watermaker: | One (1) waste heat type unit rated at 19,800 total GPD |
| Shale Shakers: | Five (5) Cascading linear motion Shale Shakers (each rated 400 to 600 GPM) |