



## High Specification Jackup

### General Description

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| <b>Classification</b> .....            | ABS, A1 Self-elevating Drilling Unit.                   |
| <b>Flag</b> .....                      | Marshall Islands.                                       |
| <b>Overall Dimensions (Hull)</b> ..... | 228ft. long x 220 ft. wide x 26 ft. deep.               |
| <b>Legs</b> .....                      | 3 x 491 ft. long, triangle.                             |
| <b>Gear Unit Height</b> .....          | 30 ft.  |
| <b>Longitudinal Leg Centers</b> .....  | 129 ft.   |
| <b>Transverse Leg Centers</b> .....    | 142 ft.   |
| <b>Drafts</b> .....                    | 18 ft. load line draft.                                 |
| <b>Accommodation</b> .....             | 108 persons.  |
| <b>Displacement</b> .....              | 36,346 kips operating.                                  |
| <b>Variable Deck</b> .....             | 10,470 kips operating / 5,298 kips transit.             |
| <b>Transit Speed</b> .....             | average 2.5 knots (min. 185 MT bollard pull / towboat). |
| <b>Operating Water Depth</b> .....     | 375 ft.   |
| <b>Maximum Drilling Depth</b> .....    | 35,000 ft.  |

### Drilling Equipment

|                                 |  |
|---------------------------------|--|
| <b>Derrick</b>                  | Loadmaster Model 2500 KIP, 36 ft. x 36 ft. Base, 175 ft.                           |
| <b>Hookload Capacity</b>        | 2,500,000 lbs. on 16 Lines static hook load capacity.                              |
| <b>Top Drive</b>                | Lewco LL-DDTD- 750V2 , OEM 1,500 Hp AC Motor - Output Torque 72K ft. lbs.          |
| <b>Cantilever / Drill Floor</b> | 80 ft / 15 ft Port & Stbd.   |
| <b>Travelling Block</b>         | Lewco Model LBLK-1250, 2,500,000 lbs.  |
| <b>Crown Block</b>              | Loadmaster, Capacity: 2,500,000 lbs.   |
| <b>Drawworks</b>                | Lewco Model 4500 Driven by (2) 1,500 hp AC Motors with 2-inch Drill Line;          |
| <b>Auxiliary Brake</b>          | Baylor 15050W & Eaton Airflex 2 x 248.   |
| <b>Rotary Table</b>             | Lewco Model D495 Driven by (1) OEM 1,150 hp AC Motor, Load 2,500,000 lbs.          |
| <b>Cementing Eqpt.</b>          | BJ 40-75-2 Electric Unit 15K psi WP Driven by (2) 525 hp Variable speed AC motors. |
| <b>Torque Wrench</b>            | Varco IR30120 Iron Roughneck.  |

### Mud System

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| <b>Mud Pumps</b>                 | (3) Lewco W3000, Triplex 3K hp Driven by (2) OEM 1,500 hp AC Motors.         |
| <b>HP Mud System</b>             | Rated for 7,500 psi.   |
| <b>Mud Pits</b>                  | 4,005 BBLs Total Active Pits (6) Mud Pits (2) Slugging Pits.                 |
| <b>Mud Mixing Pumps</b>          | (2) Derrick Premium 250 Driven by 125 hp AC Motors.                          |
| <b>Desanders &amp; Desilters</b> | (3) 12 inch Cones & (24) 4 inch Cones.                                       |
| <b>Degasser</b>                  | (1) Brandt DG-12 w/ JP12 Jet Pump Eductor with dual vacuum pumps, 1,200 gpm. |
| <b>Mud Processing Pumps</b>      | (2) Derrick Premium 250 Driven by 125 hp AC Motors.                          |
| <b>Shale Shakers</b>             | (5) Brandt King Cobra II, flow rate 3,000 gpm                                |

### Storage Capacities

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| <b>Fuel Oil</b> .....                  | 5,141bbls.                              |
| <b>Liquid Mud</b> .....                | 6,679bbls total (6 pits + 2 slug pits). |
| <b>Base Oil</b> .....                  | 5,29 bbls.                              |
| <b>Brine</b> .....                     | 5,29 bbls.                              |
| <b>Drill Water</b> .....               | 10,431 bbls (incl. combo tanks).        |
| <b>Potable Water</b> .....             | 1,724 bbls.                             |
| <b>Bulk Material</b> .....             | (mud + cement) 13,820 cu.ft.            |
| <b>Sack Storage</b> .....              | 1,600 sq. ft.                           |
| <b>Maximum Drilling Payload</b> .....  | 9,670,000 lbs.                          |
| <b>Sand Traps</b> .....                | 506 bbls.                               |
| <b>Pipe Storage (Main)</b> .....       | 2,400 sq. ft x 7 ft. high.              |
| <b>Pipe Storage (Cantilever)</b> ..... | 2,352 sq. ft x 7 ft. high.              |

### BOP & Well Control

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| <b>BOP Rams</b>       | (2) 18-3/4" 15K Cameron Type TL, Doubles With 4 x 3-1/16" 15K Outlets, H2S Trim - and (1) 13-5/8" Hydril GX 10K.  |
| <b>BOP Annular</b>    | (1) 18-3/4" Hydril GX 10K.  |
| <b>BOP Handling</b>   | (4) J D Neuhaus 125 Ton each hoist, 55 ft of lift.  |
| <b>Diverter</b>       | Hydril Model MSP 30 Annular BOP, 1K psi WP.   |
| <b>Control Unit</b>   | 3K psi BOP Control Unit (80) 15 Gal. bottles With 1,100 gal. reservoir tank   |
| <b>Choke Manifold</b> | (30) Cameron 3-1/16" Type FLS Manual 15K psi, H2S Trim.<br>(1) Cameron 3-1/16" Type FLS Hydraulic 15K psi, H2S Trim.<br>(4) Cameron 4-1/16" Type FLS Manual 10K psi, H2S Trim.<br>(2) 3-1/16" 15K psi Adjustable Chokes, H2S Trim.<br>(2) 3-1/16" 15K PSI Hydraulic Drilling Chokes, H2S Trim.<br>(2) 3-1/16" 15 psi Positive Chokes, H2S Trim. |

### Power & Machinery

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|---------------------------|--|
| <b>Main Power</b>         | (6) Caterpillar 3516-C diesel engines rated at 2,150 hp.<br>(6) Kato 6P6.6-3200HR generator rated at 1,525 kW. |
| <b>Emergency Power</b>    | (1) Kato 1,525 kW generator.   |
| <b>Power Distribution</b> | OEM VFD system rated at 10,500 kW.   |

### Cranes

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| <b>Deck Cranes</b> | (3) LeTourneau PCM-220 SS Pedestal Cranes. |
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### Special Features & Other Information

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| <b>Helideck</b>           | Sikorsky S-61N & S-92 helicopters (Aviation Spec.CAP 437).  |
| <b>Pipe Handler Crane</b> | (1) KnuckleBoom Pipe handler PKM700T in Stbd Cantilever with 82 ft boom.  |
| <b>Conductor Tens</b>     | 48 inch Bore size and 330 kips rating.  |
| <b>Jacking</b>            | 6 pinions per chord, 4 x chords per leg, 1,000 kips per pinion for normal operation and 400 kips per pinion for normal Jacking. |



