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VALARIS JU-291

(Rowan Stavanger) KFELS N-Class Jackup • Year in Service: 2011

■ CAPACITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Capacity/Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary Load</td>
<td>2,000,000 lbs</td>
</tr>
<tr>
<td>Setback Load</td>
<td>1,200,000 lbs</td>
</tr>
<tr>
<td>Liquid Capacity</td>
<td>7,221 bbl</td>
</tr>
<tr>
<td>Bulk Cement</td>
<td>7,060 cu ft</td>
</tr>
<tr>
<td>Bulk Barite</td>
<td>8,825 cu ft</td>
</tr>
<tr>
<td>Potable Water</td>
<td>4,700 bbl</td>
</tr>
<tr>
<td>Drill Water</td>
<td>38,523 bbl (incl. combo tanks)</td>
</tr>
<tr>
<td>Diesel Fuel</td>
<td>5,465 bbl</td>
</tr>
<tr>
<td>Base Oil</td>
<td>2,073 bbl</td>
</tr>
<tr>
<td>Brine</td>
<td>4,975 bbl</td>
</tr>
</tbody>
</table>

■ DRILLING EQUIPMENT

- **Derrick:**
  SSBN 1100 - 40ft x 40ft base, 180ft high, 2,200,000 lbs on 16 lines

- **Travelling Block:**
  NOV, Capacity: 2,000,000 lbs

- **Drawworks:**
  NOV model 4600 driven by (4) 1,050 hp AC Motors

- **Prime Movers:**
  (4) Wartsila 8L26 diesel engines Driving (4) Leroy Somer 2,400 kW gen.

- **Cementing Equipment:**
  (2) Schlumberger CPS 665 RC unit 18k psi WP Driven by (2) 860 hp Diesel engines

- **Cranes:**
  (3) Pedestal Cranes
  (1) Liebherr BOS 2600-50 D Lit, (1) Liebherr BOS 4200-50 EX Lit, (1) Liebherr BOS 4200-50 D Lit, (1) NOV KMCVCT 1891-9-25 Knuckle Boom Pipe Handling Crane

- **Top Drive/Power Swivel:**
  NOV HPS 03-1000, 2,300 hp AC Motor – Output Torque 115Kft lbs

- **Crown Block:**
  NOV, Capacity: 2,200,000 lbs

- **Rotary:**
  RTS 495

- **Emergency Generator:**
  (1) CAT 3508B DITA Driving (1) Leroy Somer 968 kW gen.

- **Torque Wrench/Spinner:**
  ST-160 Iron Roughneck

■ WELL CONTROL

- **Diverter:**
  Vetco Gray Model KJDF-500 Annular BOP, 500 psi

- **Annular:**
  (1) 18 ¾” Shaffer NXT Spherical BOP 10K psi

- **BOP:**
  (2) 18 ¾” 15K psi Shaffer type NXT doubles with (4) 3 1/16 outlets with H₂S trim

■ MUD SYSTEMS

- **Mud Pumps:**
  (3) 14-P-220, 7,500 psi Driven by (2) GE 1,100 HP AC Motors

- **Shale Shakers:**
  (5) Varco Brandt VSM 300

- **Degasser:**
  (2) Swaco CD 1400 degasser

■ PRIMARY RIG CHARACTERISTICS

- **Maximum Water Depth:**
  400ft

- **Leg Length:**
  568ft

- **Hull Length:**
  264ft

- **Hull Width:**
  289ft

- **Hull Depth:**
  35ft

- **Maximum Drilling Depth:**
  35,000ft

- **Longitudinal Leg Centers:**
  177ft

- **Transverse Leg Centers:**
  206ft

- **Hook Load:**
  2,000,000 lbs

- **Cantilever Skid Out:**
  75ft aft of transom

- **Substructure Travel:**
  20ft transverse to port or starboard, +secondary centerline 26ft to starboard with same 20ft/20ft transverse

- **Mud System Max. Pressure:**
  7,500 psi

- **Quarters Accommodations:**
  120 persons

- **Heliport:**
  - can accommodate: Sikorsky 61N or S-92

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REVISED 7/2019