Rigless, Riserless Operation Prepares Wellbore for Sidetrack

**SUBSEA INTERVENTION**

**JOB TYPE**
Temporary Well Abandonment

**LOCATION**
Gulf of Mexico

**WELL FEATURES**

<table>
<thead>
<tr>
<th>Type: Oil &amp; Gas</th>
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<tbody>
<tr>
<td>Tree Type: Vertical</td>
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<td>Water Depth: 1,900 ft</td>
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<td>Vessel: Boa Polar Queen</td>
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<td>Special Tooling: Well Intervention Control System (WICS), Concentric Circulating System</td>
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<td>Wireline: 0.125-in. Slickline, 7/32-in. Electric Line</td>
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<td>Producing Zone Depths: 17,300 ft MD</td>
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<td>MASP: 4,500 psi</td>
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**CHALLENGES**
- Sub-ambient production zones
- Potential hydrate formation caused additional complexities

**SUMMARY OF OPERATIONS**
- Performed gauge ring runs with slickline
- Perforated tubing with electric line
- Severed tubing with electric line
- Set cast iron bridge plugs with electric line

**ACHIEVEMENTS**
- Pumped a designed cement rheology to mitigate sub-ambient conditions
- Efficient temporary abandonment without using a rig or riser