OVERVIEW

The CleanWell® Vor Tech® riser junk bucket is designed to assist in capturing larger debris or solids that cannot be circulated out of the riser or casing due to volume challenges or unfavorable hydraulics. The riser junk bucket is designed to create a vortex effect which promotes solids dropping out of circulation and into the large upper collection throat.

The Vor Tech riser junk bucket is typically run in conjunction with CleanWell riser systems or other downhole tools such as the Drill Tech® casing scraper or Bristle Tech® brush. It can be integrated into a single-trip system in combination with other wellbore cleaning tools during the displacement process or specialty intervention runs.

FEATURES

» Robust
» Integral mandrel
» Smooth inner bore with no internal connections or upsets
» Big bore design (large ID)
» Abundant radial total flow area (TFA)
» Large volume capacities
» Non-rotational bucket
» Large upper throat / opening for easy debris entry
» Numerous vortex ports and drain slots
» 4145 or 4330 material construction
» Stress concentration management

Vor Tech® Riser Junk Basket Specifications

<table>
<thead>
<tr>
<th>Riser ID (in)</th>
<th>Maximum Trip Speed (ft/min)</th>
<th>Max Rotating Speed (RPM)</th>
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<tbody>
<tr>
<td>15.25-20</td>
<td>200</td>
<td>120</td>
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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com