OVERVIEW

The SPECTRUM® e-MLT tool is an electric multilateral entry tool designed to be run with the SPECTRUM FUSION service suite. It provides enhanced reliability of multilateral entry by enabling more efficient, independent control over the orientation and kick-over functions.

An integrated tool face sensor identifies the orientation of the bottomhole assembly (BHA) at any point throughout your operation. This allows the kick-over subassembly to be accurately positioned “on command” to align with the lateral access window, ensuring precise entry every time. Two-way communication enables real-time reporting of the actual tool position downhole to further support entry reliability, eliminating non-productive time (NPT). You can also access multiple laterals in a single run, making orientation adjustments in real time.

The flexible configuration accommodates various kick-over subassemblies, such as a unique, segmented Hydra-Flex™ steering component for customized kick-over angles activated by hydraulic pressure, or a conventional hydraulic kick-over knuckle.

When complemented with the Pulsonix® tuned frequency amplitude (TFA) fluidic oscillator, the SPECTRUM e-MLT tool helps to optimize your challenging stimulation applications. It can also be paired with the SPECTRUM 360 camera to provide direct visualization of the access window, orient accordingly, and confirm entry in real time.

APPLICATIONS

» Multilateral entry
» Oriented perforating
» Cleanouts
» Acidizing
» Water and gas shut-off
» Organic and scale removal

BENEFITS

» Improved reliability of multilateral access with real-time control of the tool
» Can access multiple laterals in a single run
» Compatible with SPECTRUM FUSION services and SPECTRUM 360 camera
» Compatible with acids, solvents, and nitrogen
» Eliminates NPT

FEATURES

» Electrically orient BHA to any position on demand
» Real-time readout of actual tool position during an operation
» Independent actuation control to make discreet adjustments of orientation and kick-over
» Tool face and inclination, and gamma ray (GR) and casing collar locator (CCL) sensing reported in real time with SPECTRUM FUSION service
» Real-time visualization of downhole with SPECTRUM 360 camera
SPECTRUM® e-MLT electric multilateral tool improves the reliability and efficiency of multilateral intervention applications.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Outside diameter (OD)</td>
<td>2¼ in.</td>
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<tr>
<td>Maximum pump rate (clean fluid)</td>
<td>2.2 bpm</td>
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<tr>
<td>Pressure/temperature rating</td>
<td>15,000 psi / 350°F</td>
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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com