The Halliburton StrataXaminer™ imaging service delivers the sharpest images in oil- and synthetic-based muds to visualize and quantify reservoir characteristics and reduce subsurface uncertainty. The StrataXaminer service transmits high-resolution images of the reservoir structure to identify bed dips, open and closed fractures, fault zones, and potential flow barriers with increased accuracy. With this technology, eight imaging pads, with 24 buttons each, use high-frequency signals coupled to the formation to acquire the sharpest images in oil- and synthetic-based muds.

The innovative StrataXaminer service simultaneously captures downhole electrical images at three operating frequencies – an industry first. This enables the tool to operate with oil-based mud or synthetic-based drilling fluids that typically make realistic formation images more difficult. During pre-job planning, operators can set the frequencies to enhance the StrataXaminer range according to local geology and also define parameters during processing to select the best frequency for given formation responses.

The eight-arm StrataXaminer tool can produce 100% image coverage in an 8-inch borehole, using a pad carrier that allows both up and down logs. Combined with in-tool memory, this increases combinability and helps decrease the number of runs in order to save valuable rig time. StrataXaminer service integrates fully with other Halliburton solutions, including the Xaminer® Sonic imaging service. In addition to 100% coverage in 8-inch boreholes, this tool’s slim-hole and standard applications have boreholes covered from 5⅞-inch to 19½-inch bit sizes.

**OVERVIEW**

**TECHNICAL SPECIFICATIONS:**

**Six-Pad Tool**
- Twenty-four buttons on each pad
- Six independent arms
- 78% coverage in 5-7/8-inch holes
- Multiple-frequency acquisition
- 35,000-psi version available
- Maximum temperature of 350°F (176°C)
- Logging speeds up to 30 feet/minute

**Eight-Pad Tool**
Same specifications as above, except:
- Eight independent arms
- 100% coverage in 8-inch boreholes
- Down-log capable

**PROVIDING HIGH-RESOLUTION BOREHOLE IMAGES IN OIL - AND SYNTHETIC-BASED MUDS**

**BENEFITS**
- High-resolution images of the reservoir
- Three operating frequencies – an industry first
- Optimal blended image produced from a single pass
- 100% image coverage in 8-inch boreholes

**FEATURES**
- Finds baffles and conduits to help refine production design
- Determines in-situ stress from breakouts and induced fractures to provide immediate information about the local stress regime, thus aiding the overall design of the completion program
- Reduces the size of an operator’s coring program and helps select sidewall core locations in real time

**LEVEL 1 CAPABILITY**

**WIRELINE OPENHOLE LOGGING**
### StrataXaminer Tool Dimensions and Ratings

<table>
<thead>
<tr>
<th></th>
<th>Slim 6-pad</th>
<th>Standard 6-pad</th>
<th>Standard 8-pad</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Temperature</strong></td>
<td>350°F (176.6°C)</td>
<td>350°F (176°C)</td>
<td>350°F (176°C)</td>
</tr>
<tr>
<td><strong>Maximum Outside Diameter</strong></td>
<td>5.00 in. (12.7 cm)</td>
<td>5.50 in. (12.7 cm)</td>
<td>6.875 in. (17.46 cm)</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>27.81 ft (8.48 m)</td>
<td>28.22 ft (8.60 m)*</td>
<td>27.81 ft (8.48 m)</td>
</tr>
<tr>
<td><strong>Maximum Pressure</strong></td>
<td>20,000 psi (137,895 Kpa)</td>
<td>35,000 psi (241,216 Kpa)</td>
<td>35,000 psi (241,216 Kpa)</td>
</tr>
<tr>
<td><strong>Minimum Hole</strong></td>
<td>5.875 in. (14.93 cm)</td>
<td>6.5 in. (16.51 cm)</td>
<td>7.875 in. (20 cm)</td>
</tr>
<tr>
<td><strong>Maximum Hole</strong></td>
<td>10.5 in. (26.67 cm)</td>
<td>19.5 in. (49.53 cm)</td>
<td>17.5 in. (44.45 cm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>760 lb (344.73 kg)</td>
<td>760 lb (344.73 kg)</td>
<td>1,188 lb (539 kg)</td>
</tr>
<tr>
<td><strong>834 lb (378.3 kg)</strong></td>
<td>834 lb (378.3 kg)*</td>
<td>834 lb (378.3 kg)*</td>
<td></td>
</tr>
</tbody>
</table>

*Slim 8-pad high-pressure tool

### Borehole Conditions

<table>
<thead>
<tr>
<th>Borehole Fluids</th>
<th>Salt □</th>
<th>Fresh □</th>
<th>Oil  ■</th>
<th>Air □</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range of Mud Cake Thickness</strong></td>
<td>0 - 0.1 inch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recommended Logging Speed</strong></td>
<td>30 ft/min (9.1m/min)</td>
<td>10 ft/min (3.0m/min)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tool Positioning</strong></td>
<td>Centralized ■</td>
<td>Eccentralized □</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.