ENHANCED DUAL-PROBE SECTION
The Enhanced Dual-Probe Section (EPS) offers increased efficiency through its ability to perform multiple tests with a single set of the tools and obtain quartz pressure from each probe depth. Dual Probes enable more reliable determination of formation pressure and mobility, as well as a more detailed understanding of heterogeneity and anisotropy.

ZERO-OFFSET GAUGES
Using an on-depth quartz gauge on each probe provides the ability to obtain pressure at each probe depth in a single station. Zero offset of the gauges removes errors introduced by the offset of the gauge to the probe depth.

DPS PROBE SELECTION
Complex conditions require unique solutions. Our customizable service allows formation pressures and anisotropy data to be collected with our standard Dual Probes. When sampling or downhole fluid identification is required, we offer the Oval Pad, the industry’s largest single-pad surface flow-area probe. For minimizing rig time, nothing but the best is required. The Focused Oval Pad combines the extra-large surface flow area of the Oval Pad empowered by split-flow focusing. It delivers the lowest contamination samples possible with industry-leading efficiency.

FOCUSED OVAL PAD
Cleaner, faster samples, even in low permeability
Combining the extra-large surface flow area of the Oval Pad and empowered by split-flow focusing, the Focused Oval Pad delivers the lowest contamination samples possible with industry-leading efficiency. With increased focus on high-quality samples in less rig time, the Reservoir Description Tool (RDT™) Focused Probe delivers ultraclean samples with the fastest pump rates and largest focused probe area.

DPS OVAL PAD
Running circles around the competition
Our proven RDT Oval Pad has the advantage in all environments due to its larger flow area and vertical straddle of the formation.
### Dimensions and Ratings

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Temperature</td>
<td>375°F (190°C)</td>
</tr>
<tr>
<td>Max Pressure</td>
<td>25,000 psi (172 MPa)</td>
</tr>
<tr>
<td>OD*</td>
<td>4.75 in. (12.07 cm)</td>
</tr>
<tr>
<td>Length</td>
<td>14.59 ft (4.44 m)</td>
</tr>
<tr>
<td>Weight</td>
<td>550 lb (249 kg)</td>
</tr>
</tbody>
</table>

* OD at probe dependent on hole size

### Borehole Conditions

**Borehole Fluids**
- Salt [ ]
- Fresh [ ]
- Oil [ ]
- Air [ ]

**Recommended Maximum Logging Speed**
- Stationary

**Tool Positioning**
- Centralized [ ]
- Eccentralized [ ]

### Hardware Characteristics

**Probe Spacing**
- 7.25 in. (221 cm)

**Hole Size**
- 5¾ in. to 22.0 in. (19.37 cm to 55.88 cm)

**Probe Options**
- Dual Probe (5¾ in. to 22 in.)
- Oval Pad (5¾ in. to 17½ in.)
- Focused Oval Pad (8½ in. to 12¼ in.)

**Pad Flow Area**
- Oval Pad (15.09 in.²) / Focused Oval Pad (9.8 in.²)

**Pretest Volume**
- 100 cc
- 50 cc

**Pretest DD Pressure**
- 10,000 psi (69 MPa)
- 20,000 psi (138 MPa)

**Pretest Rate**
- 0.1 cc/sec - >12 cc/sec (Variable)

### Measurement

#### Strain Gauge Pressure Transducers

<table>
<thead>
<tr>
<th>Accuracy</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/- 0.1% full scale</td>
<td>0.2 psi (1.4 KPa)</td>
</tr>
</tbody>
</table>

**Pressure Transducer: Flowline**

#### Quartz Gauge Pressure Transducers

<table>
<thead>
<tr>
<th>Accuracy</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/- 0.01% full scale</td>
<td>0.01 psi (0.07 KPa)</td>
</tr>
</tbody>
</table>

**Dual On-depth Quartz Gauges on Probe 1 and Probe 2**
**Physical Strengths**

<table>
<thead>
<tr>
<th></th>
<th>Tool Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tension</strong></td>
<td>200,000 lb (90,719 kg)*</td>
</tr>
<tr>
<td><strong>Compression</strong></td>
<td>200,000 lb (90,719 kg)*</td>
</tr>
<tr>
<td><strong>Torque</strong></td>
<td>600 ft-lb (813 N-m)*</td>
</tr>
</tbody>
</table>

* Strengths apply to new tools at 70°F (21°C) and 0 psi.

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