RESERVOIR DESCRIPTION TOOL (RDT™) FORMATION TESTER

Dual-Probe Section

DUAL-PROBE SECTION

The unique Dual-Probe Section (DPS) offers increased efficiency through its ability to perform multiple tests with a single set of the tools. Dual Probes enable more reliable determination of formation pressure and mobility, as well as a more detailed understanding of heterogeneity and anisotropy.

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

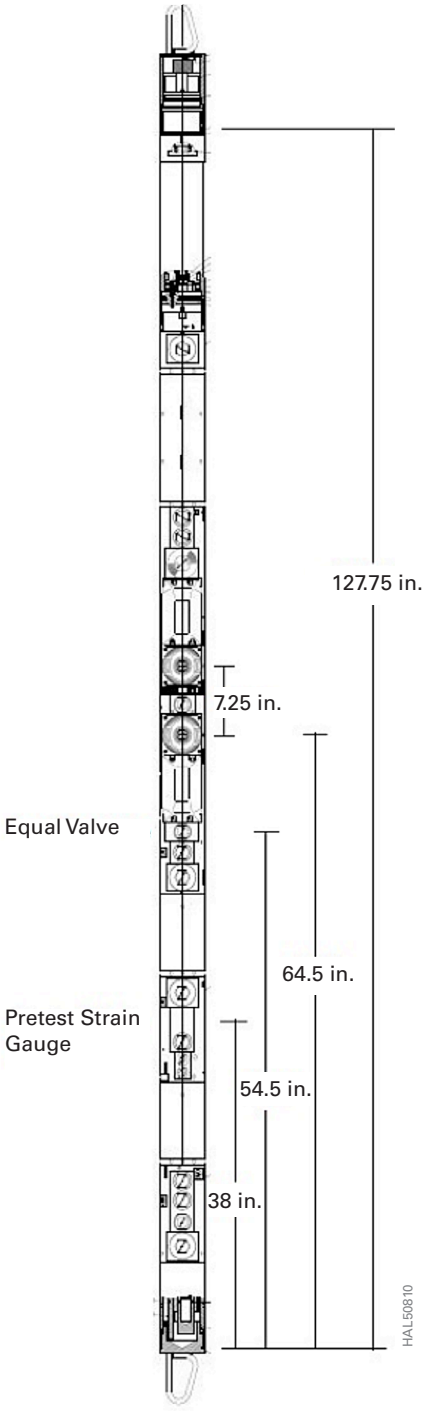
Cleaner, faster samples, even in low permeability

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 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

Max Temperature	350°F (177°C)	300°F (149°C)
Max Pressure	25,000 psi (172 MPa)	30,000 psi (207 MPa)
OD*	4.75 in. (12.07 cm)	
Length	10.64 ft (324 m)	
Weight	385 lb (174.63 kg)	

* 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	5⅞ in. to 22.0 in. (19.37 cm to 55.88 cm)		
Probe Options	Dual Probe Oval Pad Focused Oval Pad	(5⅞ in. to 22 in.) (5⅞ in. to 17½ in.) (8½ in. to 12¼ in.)	(19.37 cm to 55.88 cm) (19.37 cm to 44.45 cm) (21.59 cm to 31.11 cm)
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 - >15 cc/sec (Variable)		

Measurement

Strain Gauge Pressure Transducers	
Accuracy	Resolution
+/- 0.1% full scale	0.2 psi (1.4 KPa)
Pressure Transducer: Probe 1, Probe 2, Flowline	
Fluid Resistivity	
Accuracy	Resolution
10% full scale	0.02 ohm-m

Physical Strengths

Hardware	Tool Joints
Tension	200,000 lb (90,719 kg)*
Compression	200,000 lb (90,719 kg)*
Torque	600 ft-lb (813 N-m)*

* 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

HALLIBURTON | Wireline & Perforating