DATA SHEET

HALLIBURTON

Formation Evaluation

Xaminer® Deep Testing logging service

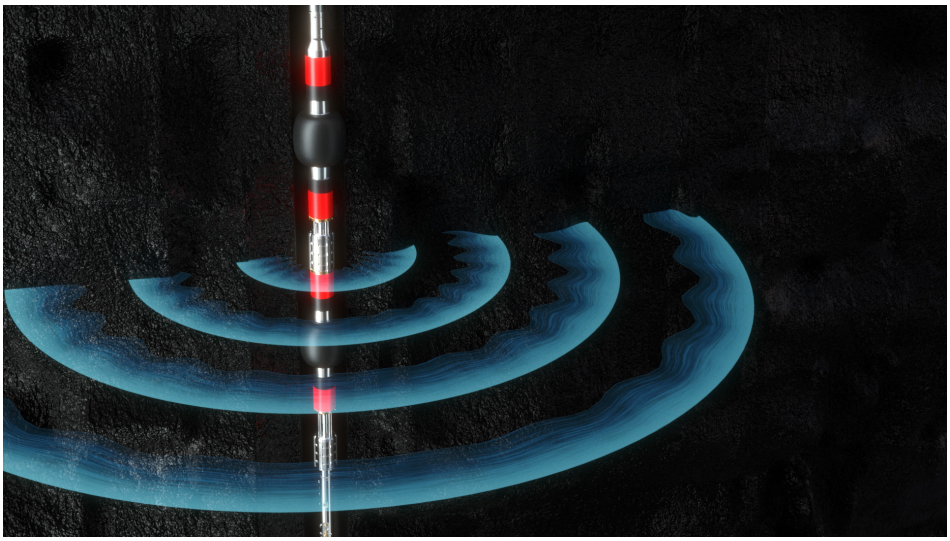
High-resolution reservoir characterization with maximum operational efficiency

FEATURES

- High rate dual-pump testing
- Ultra-high-resolution quartz pressure gauges
- Deep radius of investigation (up to 1,640 ft)
- Drill pipe conveyance with full well control
- Modular packer and configuration flexibility

BENEFITS

- Screens reservoirs for DST suitability while reducing upfront cost, risk, and operational exposure
- Reduced rig time and operational exposure
- Lower flaring and environmental impact
- Improved reservoir confidence and decision making
- Real-time test optimization at the wellsite



Overview

The Xaminer® Deep Testing logging service delivers deep-reading reservoir insight and high-rate pump performance in a single, efficient run. Operators need reliable data that reduces uncertainty, supports well planning, and lowers operational exposure. Xaminer Deep Testing logging service meets these needs through dual, high-rate pumping capability, ultra-high-resolution quartz pressure measurements, and modular configurations that adapt to reservoir complexity.

With a radius of investigation up to 1,640 ft (500 m), the service extends beyond the limits of conventional wireline formation testers. This reach enables evaluation of reservoir boundaries, connected volumes, and far-field formation behavior. This expanded reach supports real-time assessment of fluid distribution and reservoir deliverability while reducing rig time, minimizing flaring, and decreasing environmental impact.

Dual high-rate pumps deliver up to 200 cc/sec (720 L/hr, 108 bbl/day). This capacity supports rapid cleanup and sustained drawdown in low-mobility formations, while redundant pump architecture improves reliability in demanding conditions. Ultra-high-resolution quartz gauges capture subtle pressure responses with 0.003 psi resolution to help provide precise pressure transient analysis typically associated with drill stem tests (DST).

DATA SHEET

A modular intake and dual packer system supports a wide range of spacing intervals, which allows test configurations to be tailored to thin beds, heterogeneous intervals, or complex reservoir geometries. Real-time downhole data transmission supports dynamic test design at the wellsite, which allows engineers to adjust flow rates, drawdown strategy, and test duration based on actual reservoir response. When conveyed on drill pipe, the service maintains full well control throughout pumping and sampling operations to screen reservoirs for DST suitability while reducing upfront cost, risk, and operational exposure.



Xaminer® Deep Testing logging specifications

DIMENTION AND RATINGS	
Maximum temperature	350°F (177°C)
Maximum pressure	25,000 psi (172,369 Kpa)
Borehole Conditions	
Borehole fluids	Salt, fresh and oil
Recommended logging speed	Stationary
Tool positioning	Centralized and eccentralized
Pump Performance	
Pumps per string	4
Dual pump capable	yes
Pump volume	647 cc/stroke (0.17 gal)
Maximum pressure	2,000 psi ΔP
Maximum pump rate single pump	100cc/sec (6 L/min) @ 500 psi ΔP
Maximum pump rate dual pump	200cc/sec (12 L/min) @ 500 psi ΔP

Xaminer® Deep Testing logging physical strengths

HARDWARE	TENSION	COMPRESION	TORQUE	CONNECTION
Tool joints	200.000 lb*	200.000 lb*	600 ft-lb*	Thru flowline connector, 23-pin

*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

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.

H015239 08/26 © 2026 Halliburton. All Rights Reserved.

halliburton.com

HALLIBURTON