

INTELLIGENT COMPLETIONS | PERMANENT MONITORING

DataSphere® Fluid Sampling System

Unlock reservoir insight with modular sampling solutions

FEATURES

- Optional inline filter
- Field-installable burst disc with selectable ranges
- Testable, dual, metal-to-metal seal connections
- Multiple metallurgy selections
- Up to 1-in. control line to surface
- Onsite control panel
- Modular design to accommodate specific sampling requirements

BENEFITS

- Conveys on casing or tubing
- Samples fluid in both cemented and uncemented applications
- Samples from tubing, annulus, or both
- Helps minimize wellhead penetrations
- Integrates with Halliburton externally mounted perforating assemblies
- Expands DataSphere® permanent monitoring suite services

Overview

The DataSphere® Fluid Sampling System, part of the DataSphere® permanent monitoring suite services, is a field-tested solution designed to capture fluid samples representative of wellbore or reservoir conditions. Its modular construction supports deployment on tubing or casing and allows multiple systems to be installed within a single well to support zonal sampling strategies and long-term monitoring programs.

A key benefit of the system is the ability to retrieve fluid samples as required throughout the well lifecycle. This capability can help reduce the need for costly interventions and provide operators with improved access to reservoir data and fluid profiles to support a range of reservoir management objectives. The DataSphere Fluid Sampling System can include an integrated perforating subassembly to facilitate direct reservoir communication. This feature allows a perforating gun to create engineered perforations outside the casing and into the formation while supporting casing integrity.

Perforating is required only once. After this operation, the sampling system can cycle as often as required throughout the well lifecycle. These combined features deliver an advanced solution designed to help reduce operational risk that supports repeatable fluid sampling performance and informed reservoir decision-making throughout the lifetime of a well.



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Applications

The DataSphere® Fluid Sampling System can be used in the following applications:

- Permanent reservoir monitoring
- Zonal fluid sampling programs
- Long-term reservoir evaluation
- Cemented and uncemented well applications
- Tubing- or casing-conveyed installations

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

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