At the heart of Halliburton is well testing.
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**DATA ACQUISITION SERVICES**

- Fluid Sampling & Analysis
- Surface Well Testing
- Subsea Safety Systems
Over 85 years ago, Halliburton introduced drillstem testing (DST) to our industry, establishing the initial standard for well testing. These early well tests provided a basic understanding of a reservoir’s characteristics.

Although the discipline of well testing has evolved dramatically since then to provide more extensive and accurate reservoir information, the ultimate goal remains the same; to empower you with the ability to not just optimize a well’s performance, but to optimize your financial investment.

Of course the right data can help determine a reservoir’s size and structure. But, it can also discover productivity indicators like permeability, skin, and initial reservoir pressure. So, not only can the right information aid you in understanding a reservoir’s near-wellbore boundaries, when you know the existence of heterogeneities, discontinuities, and connectivity, you can better answer your most important questions. When you get exactly what you need, you’ll be equipped to make more efficient and effective decisions about completion design, production facility design, and establishment of refining procedures.

At Halliburton, we understand that well testing isn’t just about data. It’s insight. Potential. Control. Whether it’s making money, saving money, or saving time, well testing is about you achieving your business goals.

Partner confidently with Halliburton because as we continue to lead the industry with proven, comprehensive, fit-for-purpose solutions that are designed specifically for you to assess the financial health of your reservoirs, we’ve always been well testing. We’ll always be well testing. At the heart of Halliburton is well testing.
**DATA ACQUISITION SERVICES**

Data acquisition is one of the most important objectives of well testing. While the equipment used to perform a well test has improved technologically over the years, the need to acquire data remains the same.

In order to consistently acquire well test data, the data acquisition system must be safe, reliable in operation, accurate in measurement, and provide information that is easily accessible. Halliburton has worked continuously to develop its data acquisition portfolio to ensure reliability, accuracy, and easy access to information as it is being measured.

Halliburton offers memory gauges, surface readout tools, and surface measuring equipment that will not only ensure that the data is secured, but also make the data available to other locations in real time. Halliburton does not stop at data collection. In data acquisition, focus remains on the reservoir with an emphasis on providing a high level of customer service to meet your data acquisition needs.

**Pre-Job Planning**

In order to achieve success in field operations, pre-job planning must take on a central role in preparing equipment, personnel, and processes for job execution. The Halliburton Management System (HMS) serves as a pre-job planning and execution guide to help ensure that work is conducted professionally, safely, and effectively.

All equipment goes through a calibration process before going to the wellsite to ensure accuracy of measurement and availability of spare parts that are provided for any contingency. Check sheets are provided to guide personnel through required checks and are verifiable by the customer as required.

Another important aspect of pre-job planning includes use of the myHalliburton.com® portal which allows users to set up a collaboration community for sharing documents, posting questions, and managing tasks and calendars with registered team members and key Halliburton personnel worldwide. Registered users also have access to all the products and service applications that myHalliburton.com provides. The portal provides practical, relevant resources and tools for data gathering, analysis, and real-time decision making for quick, effective service.

**Real-Time Operations**

Today’s competitive environment demands quick decisions. With Real-Time Operations (RTO), Halliburton is optimizing resources, reducing risks, reducing the time required to carry out operations, and maximizing well testing budgets.

Using powerful HallLink® satellite communications technology to bridge the distance between people and data, Real-Time Operations brings well test data directly to the experts, enabling Halliburton and the client to monitor and analyze a well test in real time without traveling to the wellsite. In addition to providing real-time access to data collected at the wellsite, the satellite communications system allows direct access to the Halliburton technical information network, direct voice access, and e-mail access from the wellsite. This means not only faster communication of vital information from the wellsite to support personnel, but also faster solutions for unplanned events.
DynaLink® Telemetry System

The DynaLink® system helps reduce the cost of operations and enhances the economical value of the reservoir through flexible access to critical and accurate real time data pertinent to the reservoir evaluation. An electric, wireline-conveyed, bi-directional system, the DynaLink system is capable of transmitting data across Halliburton annulus-operated downhole tester valves in drillstem testing (DST) applications, or can be hung off on wireline in bottomhole pressure survey applications. This allows well-timed decisions to be made in drillstem testing and future sand control or stimulation applications. For pressure and temperature monitoring, a dual memory gauge allows redundancy capability.

DynaMem® HP/HT Electronic Memory Gauges

Halliburton’s line of robust electronic gauges have proven track records, and are designed to meet a variety of customer needs. Continued innovation and technological advancement has allowed the development of a new generation of tools that require less power and have increased stability, resulting in consistent, accurate measurement of reservoir parameters.

The DynaMem® series of gauges is designed for both short-term and long-term monitoring. Gauges come in standard sizes and a miniature version that maintains the same standard as larger gauges and have been proven reliable in the toughest oil fields - including sour service.

INSITE Anywhere® Service

INSITE Anywhere® service is a next-generation, web-based data delivery system that provides the flexibility of the industry’s most robust database structure without the need to install special software. Using advanced satellite communications technology or any other network, the INSITE Anywhere service moves data from the logging tools onto a secured web site, for viewing in real time.

When an unplanned event arises, the INSITE Anywhere web delivery system provides needed facts to command the situation. Solutions will be based on complete up-to-the-minute information, and operators can participate in multiple wellsite operations from one location. With all the travel time saved, capabilities are stretched further, making the most of company resources.

Multi Phase Flow Meters (MPFM)

Halliburton Multi Phase Flow Meters (MPFM) allow accurate measurement of hydrocarbon flow rates and fractions. They’re available in various sizes and can be deployed as permanently installed, or as a temporary complete skid mounted metering system for exploration, appraisal and production well testing, artificial lift optimization, clean-up trending and reservoir management.

Halliburton Data Acquisition Services

Ultimately, Halliburton has the experience and the capability to deliver reliable, accurate, and complete data acquisition services for your most challenging well testing needs. For details, contact a representative today.
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Data Acquisition Services

We Are Well Testing™

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Testing & Subsea

www.halliburton.com

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

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