Formation Evaluation Capabilities

The Industry’s Highest Capacity Unit and Drum

**Versatile Wireline Unit**
Halliburton’s latest control unit is the industry’s only wireline unit that is designed for open hole, cased hole and slickline operations. By combining multiple functions into a single unit, we can dramatically reduce the footprint of wireline operations on an offshore rig. And thanks to cross-trained experts, operators can benefit from more services delivered by fewer personnel on the rig. It also helps to simplify logistics and reduce the time between operations by having the necessary equipment in place.

Halliburton’s wireline unit is unique in the industry in that it does not always require the capstan for high-tension operations. Its high-performance direct-drive system allows the unit to pull more than 20,000 pounds of force safely. That’s about twice as much as traditional chain-driven systems, and enough to eliminate the requirement for a capstan in some situations.

**Pre-Job Modeling to Mitigate Risk**
Halliburton uses the Cerberus™ modeling system for pre-job planning on every job. This system quantifies the risk of a job and determines the lowest-risk solution. That allows us to customize each job to help prevent stuck tools or fishing operations by using the optimum and safest possible conveyance equipment for any specific situation. For example, in some cases, eliminating the capstan may reduce the complexity of a job without reducing operational performance.

**Reliable Direct-Drive System**
Traditional wireline units in the industry use a chain drive on the drum that can introduce the risk of a link breaking during a high-tension operation, which could then lead to an expensive fishing job. Halliburton’s wireline unit uses a robust hydraulic direct-drive drum system that helps mitigate the risk and allows for improved performance and safety.

**Large Open Hole Drum Capacity**
We now offer the industry’s largest wireline drum capacity with more than 44,000 feet of ultra-high-strength cable. This allows operators to successfully log wells approximately 10% deeper than competitive systems, expanding the operating capabilities for ultra-deep wells.

The unit features fully redundant logging and control systems for improved reliability during mission-critical operations.

Unlike many wireline systems, Halliburton’s wireline unit and drum are two separate components that can be placed anywhere on the rig for optimal efficiency and safety.

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