



# Latest Standards for Well Logging Optical Cables

Expro's Distributed Fiber Optic Sensing (DFOS) intervention enables the continuous and distributed acquisition of temperature and acoustic data along the length of your well. It features a ...

A complete well integrity monitoring system is created by combining the FEBUS A1 (DAS), the FEBUS T1-R (DTS) and the FEBUS G1-R (DSTS). Our solution offers highly sensitive devices, distributed ...

Halliburton introduces ExpressFiber, a single-use fiber optic cable that offers accurate, direct cross-well measurements, at a price point that enables fracture monitoring on every well pad.

Rochester Cable has supplied wireline cables to logging service providers for decades. Our designs combine mechanical strength, ...

In this study, we installed two fiber optic cables with different designs into a new well, a soft-flat cable and a stainless-steel cable, for distributed fiber optic sensing in cementing and water ...

The range of cables for direct buried installation includes all our four basic designs: concentric core, grooved core tape, DryTech and tape in loose tubes. The cables are reinforced with corrugated steel ...

The distributed fiber optic vibration signal data extracted from the fiber optic sensor for injection well A were selected for processing, and the well was logged for the purpose of detecting ...

A logging procedure is designed to capture information most relevant to achieve the well integrity objective. The survey is planned with a baseline to understand the reference and is used as a ...

This study presents the evolution of downhole fiber optics to a new hybrid electro-optical cable for coiled tubing (CT) applications. The optical fibers enable optical communication and ...

Permanent downhole fiber-optic cables are critical infrastructure in wellbore monitoring systems, ensuring reliable transmission of data for applications such as distributed temperature, acoustic, and ...

Optical fiber logging cable is a type of cable used in oil and gas well logging applications. It is designed to provide high-speed data transmission over long distances in harsh environments. ...

The type of fiber optic cable and the fibers in the cable should be chosen appropriate for the type of communications system(s) being supported, the type of installation and the environment in which the ...

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