Norwegian Fiber Optic Logging Cable Technology



Overview

This innovative fiber-optic cable, featuring a safe working load of 18 klbf, combined with the latest-generation ONYX™* quantitative DAS interrogator, delivered high-quality DAS data in both the open and cased sections of the vertical well, enabling accurate measurement of. This innovative fiber-optic cable, featuring a safe working load of 18 klbf, combined with the latest-generation ONYX™* quantitative DAS interrogator, delivered high-quality DAS data in both the open and cased sections of the vertical well, enabling accurate measurement of. We at Norsk Fiberoptikk help customers find the most suitable cable for the right area of use. Our assignments are suitable for all companies or organizations that need high-quality fiber in all types of pipes and ducts. The correct cable for the right environment For Norwegian fiber optics. Equinor leveraged cutting-edge fiber-optic logging technology to conduct a vertical seismic profile (VSP) survey within a CCS well offshore Norway. The deepwater project, targeting clastic formations, achieved outstanding efficiency, completing the survey in just 1 hour compared to the 9 hours. SHARP is a research project funded under the ERA-NET ACT programme for accelerating Carbon Capture and Storage (CCS). The cables marked with Dry; They are a series of cables in which the typical water blocking the intermediate tubes (gelatin, water swelling tape or powder) is replaced with a solid foamed thermoplastic elastomer. Google has not performed a legal analysis and makes no representation as to the accuracy of the date listed.

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Article Content

Fiber-optic logging for efficient VSP in an offshore Norway CCS ...

Equinor leveraged cutting-edge fiber-optic logging technology to conduct a vertical seismic profile (VSP) survey within a CCS well offshore Norway.

Optimizing Fibre-Optic Monitoring: A Case Study in the Norwegian

This report provides an overview of novel fibre optic (FO) monitoring technologies and focus on how FO monitoring systems might be optimized combined with conventional technologies.

The High-Temperature Resistant Well Logging Optical Cable

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

Hybrid Electro-Optical Cable for Coiled Tubing Logging and ...

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

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H01B7/00 — Insulated conductors or cables characterised by their form H01B7/04 — Flexible cables, conductors, or cords, e.g. trailing cables H01B7/046 — Flexible cables, conductors, or...

Foss Fiber Optics

Foss Fiber is a Norwegian manufacturer of fiber optic solutions. The company specializes in delivering bespoke fiber optic solutions to customers in a range of

An Armored Fiber Optic Logging Cable

In addition to the application it was designed for, the basic cable design is particularly suitable for towing sonar and seismic arrays and other types of military and oceanographic payloads. It is believed to be

CASE STUDY

Enhanced production logging was performed using fiber-optic cable cemented behind the casing to assess well and field performance.

Fiber-Optic Technology Allows Real-Time Production Logging Well

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It will also illustrate a multiwell logging campaign in the Marcellus shale, which highlights the benefits of fiber-optic technology as a suitable alternative to traditional production logging

A High Data Rate Fiber Optic Well Logging Cable

This development has led to a new logging cable with superior mechanical properties, containing eight electrical wires and three optical fibers with a data rate of at least 10 Mbitsl second each. This fiber

Production Logging

Summary Fiber optics has shown value as surveillance tool when installed as part of the completion, enabling engineers to optimize artificial lift, production strategy, field development, etc. However the

An Armored Fiber Optic Logging Cable

An ultralow stretch armored cable containing 3 optical fibeRs and 8 electrical conductors has been developed for use in oil well logging operations. A mating cablehead termination, optical transmitter

CT logging service leverages powers of fiber-optic

The fiber-optic telemetry allows the BHA to communicate with the logging system, which provides real-time production logging data from the coiled

Research on the Data Interpretation Model of Optical Fiber Profile ...

Fiber optic cables have the advantages of high temperature resistance, high pressure resistance, corrosion resistance, and high accuracy in measuring temperature DTS data. They are widely used

Production logging via coiled tubing fiber optic ...

According to the optical fiber production profile testing technology with continuous tubing as the carrier, the main production layer and the bottom

Optiq Fiber-Optic Solutions | SLB

The use of fiber-optic sensing and its capabilities are being maximized now more than ever within the energy industry. Traditional measurements typically rely on

Production logging via coiled tubing fiber optic

Production logging technology, a near-wellbore method, measures the fluid flow profile of production wells and discerns the properties and flow rates of

Wireline Fiber Optic Cable | Fibercore

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The optical fibers are protected in a hermetic metal tube to provide the necessary protection for incorporation into the wireline cable. By working closely with our

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EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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