

Portuguese downhole temperature measurement optical cable model



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Our DPTS technology is comprised of a string of optical SmartPort pressure/temperature gauges, downhole optical cable, SmartPB surface pressure barrier, Wellhead SmartScope surface ...



AFL's Traditional Downhole cable was designed for land based and offshore wells where the temperature can be up to 150°C. This design uses AFL's patented stainless steel tube technology ...



Features and Benefits · Optical downhole fiber line provides a high-performance signal pathway for downhole pressure, temperature, and seismic measurements. · High-speed data transmission ...



Customers around the world benefit from using AFL fiber optic cable and components for downhole sensing and subsea umbilicals. With its patented stainless steel tube technology, AFL can deliver ...



Enables real-time acquisition of DTS, DAS, and DSS data in combination with pressure and temperature readings from permanent downhole gauges. The SLB optoelectric permanent downhole cable ...



Fiber optics solutions from Baker Hughes give you detailed, real-time data on the condition and performance of your downhole artificial lift tools—data you can use to make informed decisions to ...



In the presented project, three boreholes of a seasonal geothermal energy storage with a vertical depth of down to 500 meters were instrumented with distributed fiber-optic sensors.



Distributed Temperature Sensing (DTS) utilizes multi-mode Fiber Optic cables to measure distributed temperature data. This generates a continuous temperature profile along the ...



Pressure and temperature are simultaneously output by the accurate demodulation of the optical signal returned from the sensor. The system is operated at the C-band where silica optical fiber exhibits the ...



This study compares two increasingly common heat tracing methods to locate discrete groundwater discharge: direct-contact measurements made with fiber-optic distributed temperature ...

Contact Us

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