Fiber for Remote Sensing: Downhole sensing applications enhanced by specialty optical fibers

January 16, 2015

Distributed temperature sensing (DTS) is the most common use of optical fiber-based sensors in oil recovery; the fibers are highly specialized and must withstand the high-temperature, hydrogen-rich environments found in oil wells.

Authors: George Oulundsen, Daniel Hennessey, and Mike Conroy

Please visit Laser Focus World for access to the full paper

http://www.laserfocusworld.com/articles/print/volume-51/issue-01/features/fiber-for-remote-sensing-downhole-sensing-applications-enhanced-by-specialty-optical-fibers.html