

Anton Fiber Optic Sensing (FOS) Technology

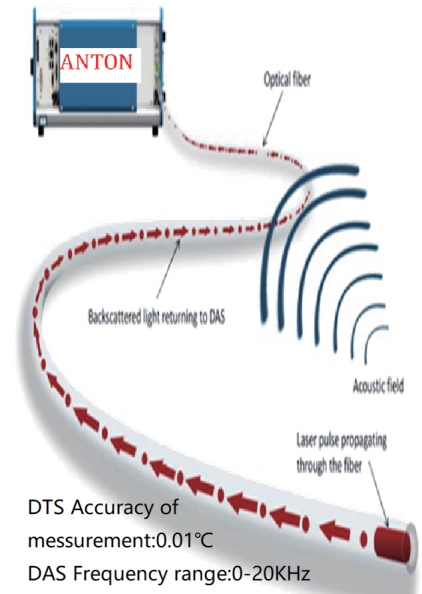
Fiber Optic Sensing is using the fiber as the sensor, for Fracture Monitoring, Production/Injection Profile logging, Pipeline Integrity Management and other services. It is the most advanced logging technology in oil and gas industry now. This product line is built by combining many high-quality manufacturers in Britain and America. Anton is the most advanced and reliable fiber optical logging service provider in China.

Technical Advantages:

- Fiber optic itself is a sensor, no need any down hole tools
- Provide real-time monitoring data, intuitive understanding of downhole conditions.
- Permanent optical fiber, temporary optical fiber monitoring technology, to adapted the different needs of customers
- Fracturing monitoring, real-time interpretation to provide the basis for customer decision
- The unique optical fiber locator can determine the position of the optical fiber and ensure that the optical fiber is not damaged

Applications:

- Gas and fluid production profile monitoring, real-time oil, gas, water product location and yield
- Fracturing effect real-time monitoring and evaluation, to guiding fracturing plan optimization
- Oil and gas pipeline monitoring, timely give the pipeline damage alarm
- Wellbore integrity monitoring, accurate identification of leakage, casing damage, channeling location



Service Capability & Performance:

Anton Oil is the first company to introduce fiber optic sensing technology in China and has a first-class fiber optic logging operation and data interpretation team. It is the first to realize the application of fiber optic logging technology in oil and gas fields in China. At present, we have completed: temporary fiber logging operation of well YS108H11-3 & YS108H19-1 in PetroChina Zhejiang oilfield, temporary fiber logging operation of well Zu202-h1 in Chongqing shale gas company, permanent fiber monitoring operation of well DH1-H3 in PetroChina Tarim oilfield.

