

Reservoir Monitoring System

Seismic Monitoring using New Optical Interferometric Sensor System

Outline

Application of optical interferometric sensor system to 3D seismic monitoring for detecting changes in the reservoir properties at the process such as CO₂-EOR.

The system is maintenance-free operation with no electric power supply at the sensor site with high dynamic range.

What can be achieved

- Lightning Resistance
- Long Durability
- High Dynamic and Wide Frequency Range
- Optical Interferometry
- **Multiple Points Observation**
- **High Precision**
- **No Electric Power Supply**

Applications

