

Vallourec's Intelligent Pipe

Open a new era for your well

YOUR APPLICATIONS

Annulus monitoring throughout the entire well life

Formation or reservoir characterization

Wells interference/cross-flow characterization

Support for your P&A operation

For all Oil & Gas and CO₂/Hydrogen Storage wells

MONITORING MANDREL ON CASING

- Uses the slimmest P&T* sensor on the market
- High sensitivity in transient mode
- Ten times less power consumed than with quartz technology-based sensors

BENEFITS

- Reinforced well integrity
- Continuous well monitoring
- Optimized well performance
- Well environment characterization

...THROUGHOUT THE ENTIRE WELL LIFE

EMBEDDED SENSORS TO OBTAIN MORE DATA ON YOUR WELL

Vallourec's Intelligent Pipe solution provides you with key well parameters even from inaccessible areas thanks to our pipes.

This solution allows you to better analyze and monitor your well as well as optimize its integrity and operational efficiency throughout its entire life.

OUR SOLUTION

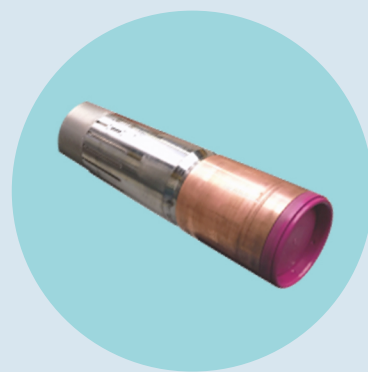
Pipe-embedded sensors that capture and transmit annuli data. An easy modular solution answering customers' challenges:

- Fit-for-purpose sensors for well and/or storage monitoring
- Access to all well depths and positions

TRANSMISSION MANDREL ON TUBING

- Unique design – one miniaturized tool
- No impact on your well control lines

Providing you with new means for pipe integrity assessment and production optimization throughout the entire well life



OUR COMPETITIVE ADVANTAGES

- Partnership with a recognized Oil & Gas sensor manufacturer – OpenField Technology
- Expertise in well integrity thanks to our portfolio of proprietary grades and connections
- Expertise in pipe mechanical design and material selection
- In-house testing lab to qualify our solution

