

Expro Excellence

# Expro delivers optimized solution for low enthalpy geothermal well testing

Sustainable Energy Solutions | Geothermal



## Objectives and background

- A geothermal developer in Eastern Europe sought to determine the commercial viability of a cluster of geothermal wells. The goal was to support the decarbonization of a local hospital and surrounding community by integrating geothermal energy into the regional heat network
- The key challenge was to evaluate reservoir performance and determine its suitability for sustainable heat supply. The client required a reliable partner capable of delivering a cost-effective, low footprint well testing solution with high safety standards and minimal environmental impact
- Expro in partnership with OilDynamics was selected to deliver the well testing, inclusive of Tubular Running Services for ESP installation and supporting reservoir engineering design and analysis

## Expro Excellence

- Using expertise and technologies from across the Expro portfolio, we delivered a combination of services to enhance data collection, reduce risks and optimize the performance of low enthalpy geothermal well testing
- Expro designed and delivered a well testing package adapted to the specific requirements of the reservoirs and flow conditions for a multi well testing campaign
- In partnership with OilDynamics, Expro's Tubular Running Services enabled the efficient temporary installation of Electrical Submersible Pumps (ESP) for artificial lift and real-time downhole data
- Formation fluids were flowed to surface through our well testing package, inclusive of a non-intrusive SONAR meter for high-accuracy flow surveillance

## Value to the client

- Despite the challenge of unexpected H<sub>2</sub>S production, the project was completed successfully and met all objectives
- Validated geothermal potential: Flowing pressure, temperature profiles, and production rates were captured, confirming the well's suitability for integration into the heat network
- High-quality data: All required samples were collected for environmental and reservoir analysis, supporting future development phases
- Operational excellence: Expro demonstrated adaptability and technical expertise under evolving conditions, with no HSE incidents throughout the operation
- This project reinforced Expro's reputation for safe, reliable delivery in emerging geothermal markets

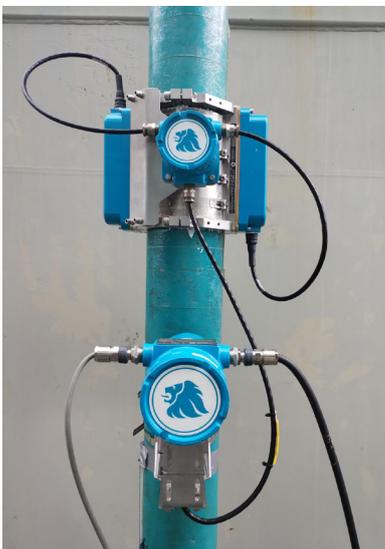
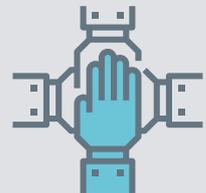
### Safety



### Insight



### Partnership



expertise X technology