

Successful Deployment of the Ultrahigh Temperature Dimension™ XY Caliper Tool Restores Geothermal Well to Full Operation

Objectives

- Identify and measure scale deposits causing production decline in a geothermal well
- Reduce operational costs and time associated with untargeted slickline broach runs
- Enable precise milling operations to restore the well to full production

Our Approach

- The operator used the Ultrahigh Temperature Dimension XY Caliper tool to address significant scale deposition challenges in geothermal wells
- The tool provided a continuous, detailed profile of scale build-up within the casing in a single memory run
- Eliminated the need for multiple broach runs, delivering actionable data on the exact location and severity of the problem areas
- Enabled the coil tubing service company to implement targeted milling operations for maximum efficiency

Value to Customer

- The Ultrahigh Temperature Dimension XY Caliper tool delivered a comprehensive solution for addressing scale-related challenges in geothermal wells
- Its reliability and efficiency minimized operational delays and optimized the client's well performance
- The success of this deployment demonstrates the tool's ability to provide significant operational and financial benefits for geothermal operators



Provides fast-response well-temperature profile and casing ID with two continuous independent perpendicular measurements

WELL TYPE

- Geothermal

PRODUCTS/SERVICES

- Ultrahigh Temperature Dimension XY Caliper Tool

