

Downhole cable installation and monitoring in a geothermal well

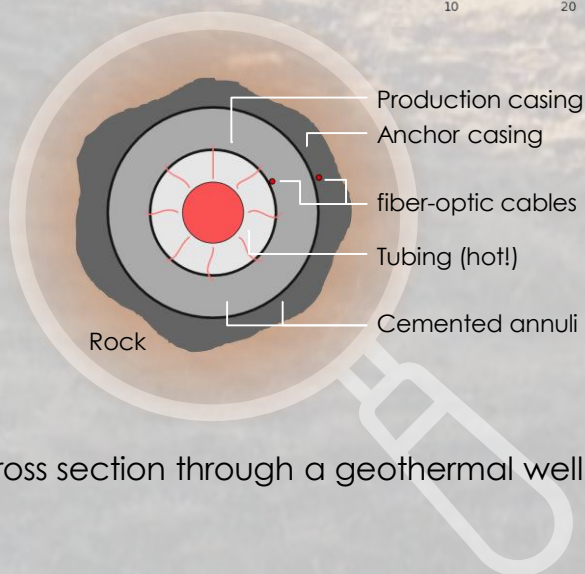
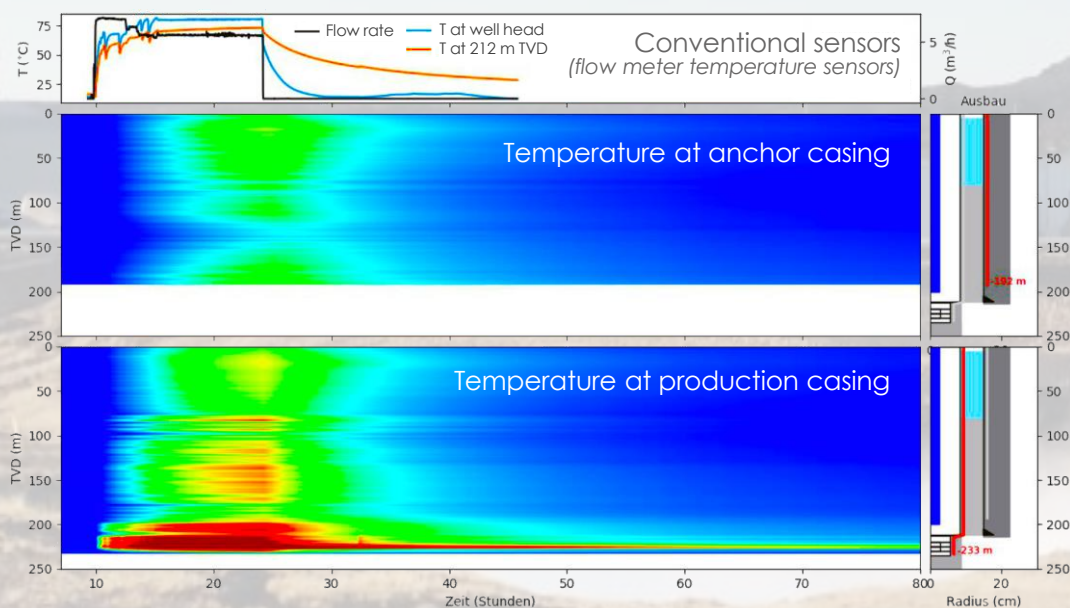
Highlights

- Quality control during well completion (gravel packing, cementing)
- Radial heat flow assessment through inner and outer cable
- Permanent integrity monitoring over the life-time of the well construction



Cable installation along 11 3/4" anchor casing

Distributed temperature sensing (DTS) along the inner and outer casing during a (hot) fluid injection phase of an ATEs well



Cross section through a geothermal well

We at FOMON. Our mission is to plan, execute and analyze fiber-optic monitoring campaigns in challenging scientific and industrial applications. We are experts in designing and implementing monitoring solutions for borehole applications. Our unique patented distributed shear stress sensor allows to derive fluid rheological properties (density and viscosity) with high accuracy - in real time. After having successfully conducted numerous borehole installations in past and ongoing research projects at the German Research Centre for Geosciences (GFZ Potsdam), we now offer our expertise under the name of FOMON.



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