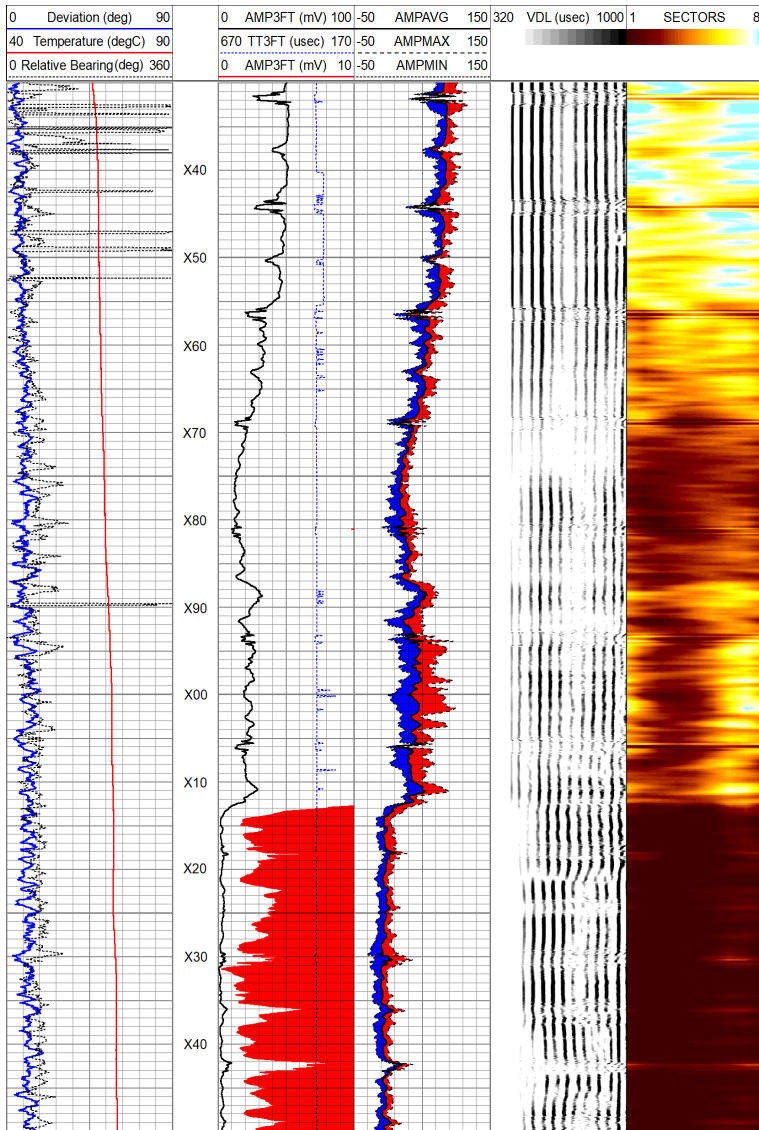


Radial Bong Log provides robust cement evaluation between large casings in geothermal well



The Challenge

An operator in Indonesia needed to evaluate the cement bond integrity between two casings in a well in their geothermal field. They had installed a 9 $\frac{1}{8}$ -in. casing section inside the 13 $\frac{3}{8}$ -in. casing to resolve a wellbore issue encountered during the cementing operation.

As good zonal isolation can be especially critical in geothermal wells, the operator required robust cement log data in these large casings to make a fast and reliable determination on the possible need for cement repair.

The Solution

The customer approached their local E-line services provider, who in turn contacted GOWell for assistance with this operation. The GOWell Radial Bond Log (RBL) tool, with its amplitude, VDL and 8-sector mapping measurements was selected to evaluate the cement between the two casings. GOWell quickly mobilized equipment and personnel to run the RBL, with surface read-out on an E-line unit provided by the service company.

The Results

- The RBL provided a high-quality cement evaluation log allowing the customer to rapidly assess the zonal isolation behind the 9 $\frac{1}{8}$ -in. casing and to make a quick decision on the need to improve the zonal isolation.
- The customer decided to proceed with a cement squeeze at the suggested depth from the RBL log, with GOWell providing interpretation support during the discussions with their representatives.
- The customer complimented GOWell on the RBL data quality and commented that it was superior to what they had acquired with another service company in similar conditions.
- The cement remediation operation went as planned, confirming the accuracy and reliability of the RBL cement evaluation data.

