

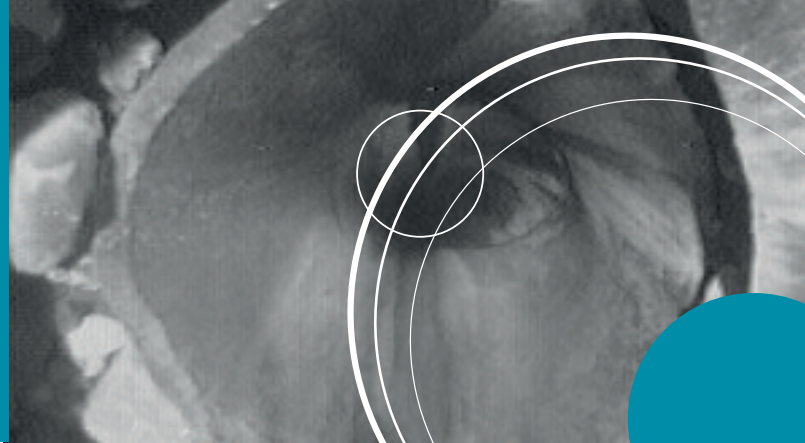


**EXPRO**

WELL FLOW MANAGEMENT™

# / Expro Excellence Well Intervention

Expro downhole video camera used for high temperature geothermal well intervention



## Objectives/background

- During routine pressure/temperature logging, the incumbent service provider was unable to retrieve logging tools from the client's geothermal well (>300°F)
- Assuming there was a casing integrity issue, the client sought an alternative solution to running gauge rings or a caliper log

## Expro Excellence

- Expro's high temperature downhole video was deployed to 971 feet (325°F) and confirmed parted 13<sup>3</sup>/<sub>8</sub>" casing, causing rock and cement entering the wellbore and trapping the logging tools
- Running additional logging tools could have potentially been caught in the split casing and either damaged or irretrievable

## Value to client

- Running the high temperature camera saved the client 16 hours of rig time and two runs downhole
- Visualisation of the parted casing provided detailed images of rocks and cement through the gapping split enhanced decision making for cost-effective remedial work
- The client now routinely deploys Expro's downhole video cameras within their maintenance programme (up to twice a year in older wells) due to the fluids in geothermal wells being highly corrosive – invaluable data avoids costly repairs (for example, c. \$1.5 million to repair the well or c. \$5 million to cement the well)



## Contact

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