



Weatherford®

REAL RESULTS

ACP™ Solution Prevents Another Expensive Cement Squeeze Job in Geothermal Well, Japan

Objectives

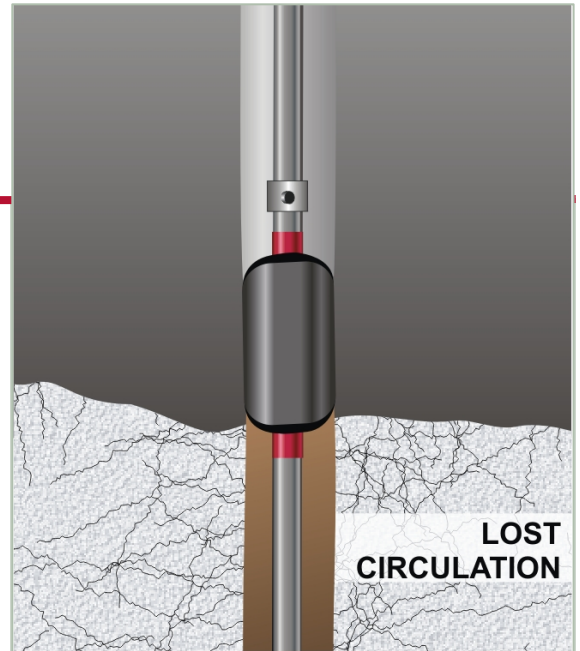
- Isolate a severe lost-circulation zone in a geothermal well, and support the cement column above.
- Eliminate multiple, costly cement squeezes.

Results

- Using an inflatable *ACP* annulus casing packer, Weatherford performed the second-stage cementing with zero incidents.
- The lost-circulation zone was isolated, with the packer providing a reliable, high-pressure seal for full returns of the second stage cement job.

Value to Client

- Use of the *ACP* system saved the operator substantial cement costs by preventing uncontrolled losses of cement into the lost-circulation zone.
- The operator avoided a cement squeeze job which had consumed three days in the previous well.



Weatherford's *ACP* inflatable annulus casing packer provides a proven, reliable solution for setting cemented liners without the threat of cement invading the lost-circulation zone.

Location

Japan

Well Type

Geothermal

Inflation Fluid

Water-based mud

Hole Size and Angle

12 1/4-in. vertical

Inflatable Packer Size

9 5/8-in. x 20-ft element

Static Temperature

176°F (80°C)

Liner

9 5/8-in. partially cemented intermediate liner

Setting Depths

- Liner hanger: 1,690 ft (515 m)
- Packer: 1,896 ft (578 m)
- Liner shoe: 3,635 ft (1,108 m)

Well TD

3,645 ft (1,111 m)

Products/Services

- Inflatable packer services
- *ACP* inflatable annulus casing packer