

Tailored Solution Delivered to a Geothermal Project for a Major West Coast Operator



Challenge

- Provide a CRT System to run multiple casing string weights without changing equipment on critical path
- Complete a 2-stage cement job

Solution

A modified Top-Tek system was deployed to allow the use of existing rig bails. It covered multiple string weights and removed the need for casing power tongs while also allowing for casing manipulation during cementing operations.

Results

- Zero recordable incidents and NPT
- Forty-five (45) hours of uninterrupted CRT casing engagement and rotation during 2-stage cement job
- Zero connection rejection and exceeded planned joints per hour run rate
- Exceeded our customer's expectations

Wellbore Tubular Running Services

- TRS Rig Integration
- TRS Casing Running Systems
- TRS Conventional Services
- TRS Offline Services
- TRS Casing while Drilling Services



- In under 3 days, Quail Services, a Parker Wellbore Company, was able to consolidate the necessary equipment from multiple locations and ship to Bakersfield, CA
- Designed and manufactured an anti-rotation bracket to the pipe handler
- Assembled a modified mud valve assembly, based on limited packer cup availability, enabling Quail Services to fill, circulate, and complete the required two-stage cementing process
- The client was impressed with the consistency of the CRT connection make-up, resulting in better than expected run times
- Eliminating the need for power tongs lowered the HSE risk for hand and finger injuries



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