

Problem: Enhanced Geothermal System (EGS) well pairs will require a cost-effective new isolation packer that is capable of surviving extremely hot (200-400°C) downhole environments for long durations. The packer must also be easily deployed and retrieved.

The engineering team at *Downhole Emerging Solutions* in Houston, Texas have envisioned and are developing an innovative solution. To successfully achieve the project objectives, the DET team will collaborate with several partners, including:

Star-Precision, Houston TX (www.star-precision.com)

- ✓ Manufacturing, Machining, Fabrication
- ✓ Additive Manufacturing & Process
- ✓ Engineering & Manufacturing Advisory



www.det-ofs.com



Solutions for Geothermal Problems

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Rice Alliance for Technology and Entrepreneurship

- ✓ Leadership within Geothermal technology development
- ✓ Networking within Additive Manufacturing industry
- ✓ Technology Advisory



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