



Newpark Celebrates 400 Geothermal Wells Drilled Worldwide

Reaching a major milestone

Newpark is proud to celebrate a major geothermal milestone: more than 400 geothermal wells drilled around the world with Newpark drilling fluid technologies and technical support. From mature hydrothermal fields to emerging high-enthalpy, petrothermal, and enhanced geothermal systems developments, this achievement reflects decades of field experience, customer collaboration, and continuous innovation in one of the energy transition's most technically demanding drilling environments.

Newpark's approach to geothermal

Newpark's geothermal solutions are built for the realities of the field: thermal stress, loss-prone formations, changing fluid chemistry, and the operational need for systems that can be monitored, treated, and engineered effectively. By combining global reach with local knowledge, Newpark helps customers tailor fluid programs to specific reservoir conditions, environmental expectations, and drilling objectives.

At the center of Newpark's geothermal fluids portfolio is TerraTherm™, a high-performance, water-based geothermal drilling fluid system engineered to withstand the heat of the most demanding geothermal applications.

“

Reaching **400 geothermal wells drilled** is a proud moment for Newpark and a reflection of the trust operators place in our people, products, and technical service.

”

David Knox
VP of Technology



NEWPARK

newpark.com

Newpark Fluids Systems, 21920 Merchants Way, Katy, TX 77449



Looking forward

Newpark continues to advance drilling fluid technology for ultra-high-temperature geothermal wells. Development work has focused on fluids systems capable of withstanding extended static exposure, higher densities, and contaminants such as CO₂ and H₂S while preserving stable rheology and fluid-loss control in ultra-high-temperature, supercritical geothermal applications.

The 400-well milestone is more than a number—it represents geothermal projects supported across Europe, Asia Pacific, North America, and other energy regions like Iceland and New Zealand, with lessons learned from conventional steam fields, direct-use resources, deep high-temperature wells, and next-generation geothermal concepts. This breadth of experience gives Newpark a practical perspective on how **fluid design must adapt as geothermal projects move into hotter, deeper, and more complex environments.**

"Reaching 400 geothermal wells drilled is a proud moment for Newpark and a reflection of the trust operators place in our people, products, and technical service," said David Knox, Vice President of Technology at Newpark. "As geothermal development expands into more challenging reservoirs, we remain focused on delivering drilling fluid solutions that help reduce risk, improve efficiency, and support reliable access to clean baseload energy." With more than 400 geothermal wells drilled worldwide and ongoing development of ultra-high-temperature water-based drilling fluids, **Newpark is helping operators unlock the next generation of geothermal energy**—safely, efficiently, and sustainably.

Ready to stand the heat?

Learn more about our approach to innovative geothermal drilling fluids solutions.

Go to www.newpark.com/total-fluids-solutions/geothermal-drilling-fluids-solutions

