

HALLIBURTON

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GEOESP® LIFTING PUMPS: HALLIBURTON INTRODUCES INNOVATIVE SOLUTION FOR GEOTHERMAL ENERGY

Halliburton unveils technology with unmatched durability and temperature resilience for geothermal energy

HOUSTON – May 2, 2024 – Halliburton Company (NYSE: HAL) today introduced GeoESP® lifting pumps, an advanced submersible borehole and surface pump technology designed specifically for geothermal energy applications. Developed by Summit ESP®, A Halliburton Service, GeoESP lifting pumps address critical challenges related to the transport of fluids to the surface through electric submersible pumps (ESP).

GeoESP lifting pumps offer an efficient, safe, and agile solution that streamlines geothermal operations and enhances overall performance. The unique high-flow inlet design protects the pump against solids, minimizes power consumption, and effectively tackles scale formation. With the ability to operate at temperatures up to 220°C (428°F), GeoESP lifting pumps withstand extreme conditions to provide sustained performance. The innovative design resists scale, corrosion, and abrasion to ensure durability within a wide operational range. Additionally, GeoESP lifting pumps use standardized pump dimensions that can be rapidly customized to suit various geothermal well conditions.

In addition to GeoESP lifting pumps, Halliburton offers an advanced digital approach to geothermal well management. The Intelevate™ data science-driven platform empowers operators with real-time diagnostics and rich visualizations of “smart” field data. This system improves well operations, extends system run life, minimizes shutdowns, reduces energy consumption, and increases production.

“With increased global focus on low carbon energy sources, we are using our many decades of geothermal production expertise to help our customers maximize safety and improve efficiency,” said Greg Schneider, vice president, Artificial Lift. “Our GeoESP lifting pumps build upon our current system to minimize power usage and help push the boundaries of what is possible with more complex well designs.”

The GeoESP lifting pumps’ efficient, modular, and reliable technology stands as a testament to Halliburton’s dedication to a sustainable energy future through innovation, efficiency, and safety in the geothermal landscape. For more information on GeoESP lifting pumps, visit Halliburton’s page on [submersible borehole and surface pumps](#).

ABOUT HALLIBURTON

Halliburton is one of the world’s leading providers of products and services to the energy industry. Founded in 1919, we create innovative technologies, products, and services that help our customers maximize their value throughout the life cycle of an asset and advance a sustainable energy future. Visit us at www.halliburton.com; connect with us on [LinkedIn](#), [YouTube](#), [Instagram](#), and [Facebook](#).

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