

HALLIBURTON

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FOR IMMEDIATE RELEASE

Halliburton Launches New Reduced Cement Barrier Systems

Reduced cement systems help lower customers' carbon emissions and improve barrier dependability

HOUSTON – November 2, 2022 – Halliburton Company (NYSE: HAL) today introduced the NeoCem™ E+ and EnviraCem™ cement barrier systems as an expansion of their portfolio of high-performance, reduced Portland cement systems. NeoCem E+ cement contains a 50 percent or greater reduction of mass cement while EnviraCem cement contains a 70 percent or greater reduction of mass cement. Portland cement reduction in barrier systems helps customers lower carbon emission baselines and provides engineered systems with enhanced sheath performance.

Halliburton developed the new reduced cement systems to leverage the synergies between the chemical and physical properties of specialized materials combined with cement used in zonal isolation. Through an innovative tailoring process, these reduced cement systems deliver high-performance compressive strength and ductility at a lower density than conventional systems for improved barrier dependability.

“As we transition to a lower-carbon future, it is critical that we design dependable zonal isolation barriers with reduced cement content,” said Matt Lang, vice president of Cementing, Halliburton. “We engineered a strong portfolio of reduced carbon systems to meet this challenge.”

Halliburton successfully pumped the first NeoCem E+ cement system for Aker BP in the North Sea. NeoCem E+ cement contains 50 to 70 percent less cement than conventional designs and provides operators with high-performance technologies that can help lower carbon emission baselines and improve wellbore integrity.

Halliburton pumped more than 10,000 barrels of EnviraCem cement across numerous wells in the Permian Basin. With 70 percent or greater reduction of mass cement compared to conventional barriers, the system's innovative design incorporates more locally sourced, natural and recycled materials. The reduced dependence on cement enables flexibility with industry supply chain challenges and delivers a more sustainable barrier solution.

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## 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

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sustainable energy future. Visit us at [www.halliburton.com](http://www.halliburton.com); connect with us on [Facebook](#), [Twitter](#), [LinkedIn](#), [Instagram](#) and [YouTube](#).

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