



Hexion Announces New Proppant Flowback Control Additive

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HOUSTON, Texas - (August 2, 2018) - The Oilfield Technology Group (OTG) of Hexion Inc. (Hexion) today announced its new proppant flowback control additive for the oil and gas industry.

Proppant flowback occurs when well production carries unbonded proppant out of the fracture. This has detrimental effects on the success of a well by causing frac width reduction, wellbore deposition, pump destruction, and surface equipment damage.

With the evolution of completion designs leveraging longer lateral lengths and increased proppant intensity, proppant flowback control has become a critical challenge. In some cases, conventional solutions do not provide the cost-benefit ratio operators are looking for when addressing proppant flowback.

Hexion's PropShield™ proppant flowback control additive is an economical liquid agent developed specifically for uncoated frac sand completions. This unique solution is applied at the blender tub on location using a standard liquid additive pump and is suitable for all sand mesh sizes. The PropShield additive is compatible with most commonly used fracturing fluids and is effective at bottom-hole temperatures ranging 90°F to 275°F.

"This new solution provides our customers with a cost-effective way to treat proppant flowback, a significant source of cost due to downtime and equipment repairs," said Jerry Kurinsky, Senior Vice President and General Manager, OTG. "Early adopters have found the product to be very effective in the Permian Basin and elsewhere."

Compared to nearby offset wells, a user in the Permian Basin experienced 50% less proppant returned during drillout and over 80% less proppant flowback once the wells were put in production. "The well in which the PropShield additive was utilized produced half the sand that the offset well produced during drillout," said the completion manager at Centennial Resource Development, Inc. "The flowback phase yielded positive results as well. The well using the PropShield additive averaged 0.5 to 3 gallons/hour of sand recovered, while the offset well averaged 6 to 8 gallons/hour of sand recovered. We were very pleased with the results and will continue to evaluate the PropShield additive in various areas across our acreage," he added.

About Hexion's Oilfield Technology Group

Hexion's Oilfield Technology Group is a leading provider of innovative technologies for the oil and gas industry. We offer well stimulation solutions with our advanced resin-coated proppants and a variety of performance additives for oilfield applications. Our products also include production chemicals such as hydrogen sulfide scavengers for crude oil and natural gas production. Hexion is committed to enhancing its industry leadership and meeting its customers' specific application needs with a total solutions approach of quality products and services. Additional information is available at www.hexion.com/oilfield.

About the Company

Based in Columbus, Ohio, Hexion Inc. is a global leader in thermoset resins. Hexion Inc. serves the global wood and industrial markets through a broad range of thermoset technologies, specialty products and technical support for customers in a diverse range of applications and industries. Hexion Inc. is controlled by investment funds affiliated with Apollo Global Management, LLC. Additional information about Hexion Inc. and its products is available at www.hexion.com.

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