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Photos Available

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Fluid Quip Process Technologies
815-541-8411**Flint Hills Resources to add Fluid Quip Protein Technology at Second Ethanol Plant**

Shell Rock, Iowa – Flint Hills Resources announced today it will install Fluid Quip Process Technologies' (FQPT) patented *Maximized Stillage Co-Products (MSC)*™ system at its Shell Rock, Iowa, ethanol plant. This is the second installation of the FQPT MSC™ system among Flint Hills' seven ethanol plants located in Iowa, Nebraska and Georgia, and the fourth site in the nation where the FQPT system will be used. The first Flint Hills installation took place in Fairmont, Nebraska, in 2017.

MSC™ technology allows dry mill ethanol plants to separate protein from the whole stillage that is a co-product of the ethanol-making process. Flint Hills markets this high-protein product as a feed ingredient called *NexPro*®.

"Investing in a second installation allows us to better meet our current customers' needs and is aligned with our goal to grow the market for *NexPro*®," said Mark Murphy, General Manager for Ingredients at Flint Hills Resources. "As world demand for protein continues to grow, *NexPro*® offers producers another alternative to traditional high-protein feed ingredients."

Murphy noted that after Flint Hills Resources' experience operating the MSC™ technology at its Fairmont location, part of the appeal of adding MSC™ to Shell Rock was the ability to create a redundancy in its supply for its current customers while building market capability that will appeal to new customers.

"We believe in the MSC™ technology," said Murphy. "Our plant at Flint Hills Fairmont has used the MSC™ equipment over a period of months to prove the technology, refine the equipment and optimize our operation. This investment demonstrates the value we believe *NexPro*® brings to our company and our customers."

The Flint Hills Resources Shell Rock plant buys 44 million bushels of corn annually to produce 125 million gallons of ethanol, 300,000 tons of dried distillers' grains and over 3.5 million gallons of distillers' corn oil. The plant employs about 50 people.

"We are very pleased to be selected for the second Flint Hills MSC™ installation," said Garland Krabbenhoft, Plant Manager at Flint Hills Shell Rock. "Our staff is top-notch,

we have excellent rail and road access here in Northeast Iowa, and the quality and quantity of corn in our region is a big advantage.”

Flint Hills has selected Bilfinger-WestCon Construction of Bismarck, North Dakota, to construct the facility, the same firm that built their Fairmont MSC™ project. The Shell Rock MSC™ project will require the addition of a new building and two protein dryers. Construction is expected to begin in spring 2019. Krabbenhoft said the plant will remain in operation during construction.

Fluid Quip Process Technologies will provide the MSC™ technology, separation equipment, process engineering, construction oversight, and startup support for the Shell Rock plant.

“We are excited to be working with the Flint Hills Resources team once again after a successful Fairmont project. The Flint Hill Resources team sees the value in this technology, along with the high value protein markets and improved competitiveness this technology brings into an ethanol facility,” said Neal Jakel, Vice President of Strategy and Development for FQPT. “We are continuing to build this partnership. Between the technology integrations, feed trials and product marketing we have collaborated on, we are extremely pleased to extend our partnership with Flint Hills Resources to a second facility. Our technology is solid, and the market for high-protein product continues to grow and gain value.”

About Fluid Quip Process Technologies

Fluid Quip Process Technologies is a premier process engineering and technology development firm headquartered in Cedar Rapids, Iowa. FQPT has provided technologies for more than 2 billion gallons per year of biofuels production worldwide. The engineering and technical leadership team have been developing and implementing new technologies and process solutions applicable to the biofuels and biochemical markets for more than 30 years.

FQPT provides fully integrated solutions and services to dry-grind ethanol and biochemical facilities, which include green field plant design, process optimization, yield improvement technologies, new co-product technologies, and turn-key capital project solutions

About Flint Hills Resources, LLC

Flint Hills Resources is an industry leader in refining, chemicals and biofuels and ingredients, with operations primarily in the Midwest and Texas. Its manufacturing capability is built upon six decades of refining experience, and the company has

expanded its operations through capital projects and acquisitions worth more than \$15 billion since 2002. Based in Wichita, Kansas, the company has more than 4,000 employees and is a wholly owned subsidiary of Koch Industries, Inc.

Flint Hills Resources operates ethanol plants in Arthur, Fairbank, Iowa Falls, Menlo and Shell Rock, Iowa; Fairmont, Nebraska; and Camilla, Georgia. The plants have a combined annual capacity of 850 million gallons of ethanol, and also produce distillers corn oil, distillers grains and high-protein feedstock. Flint Hills Resources operates a biodiesel plant in Beatrice, Nebraska, with an annual capacity of 50 million gallons of biodiesel.

The company is based in Wichita, Kansas, and its more than 4,000 employees strive to create value for customers and society. More information about the company is available at FHR.com.

NexPro® is a registered trademark in the United States owned by Flint Hills Resources, LP and may be registered in other jurisdictions.

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