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DynaEnergetics Completes Successful Field Trials of New DS Trinity™ Perforating System

Single-Plane, Three-Charge System is up to 3.5 Times Shorter Than Traditional Perforating Guns, Enhancing Well-Completion Flexibility and Operational Efficiencies

HOUSTON, Jan. 31, 2019 (GLOBE NEWSWIRE) -- DynaEnergetics, a business of DMC Global Inc. (Nasdaq: BOOM), today announced it achieved a 100% success rate on field trials of its new DS Trinity™ perforating system. DS Trinity, which features three charges on a single plane, is a member of the DynaStage™ family of Factory-Assembled, Performance-Assured™ perforating systems. The field trials were conducted in 6-inch casing using a 4-inch OD (outer diameter) DS Trinity system.

The patent-pending DS Trinity was designed to deliver a cost-effective, length-optimized solution that provides operators with greater flexibility in designing their oil and gas well completions. At 8-inches in length, DS Trinity is up to 3.5 times shorter than conventional perforating guns, enabling much higher gun counts per stage. The reduced length was achieved by aligning the charges on a plane, versus the traditional spiral placement of charges down the length of a gun. The system also eliminates the sub adaptor typically used to connect adjacent guns in a string. The optimized length enables customers to run more guns per stage or reduce the required height of rig-up cranes and pressure control equipment.

“Our field trials were conducted in partnership with a large U.S.-based operator that provided important input on the key features and functionality of the system,” said Ian Grieves, DynaEnergetics’ president. “The DS Trinity solution leverages the performance, features and safety of our commercially successful DynaStage system. Moreover, the 100% success rate achieved in the trials illustrates that both systems deliver equivalent reliability levels.”

Customers can choose from a selection of DynaEnergetics’ uniform entry-hole shaped charges, ensuring optimal fracture stimulation. Depending on charge selection, a single DS Trinity system enables perforating performance equivalent to traditional four- or five-shot guns. Like DynaStage, DS Trinity is intrinsically safe, factory assembled and performance assured, providing industry-leading operating efficiency and accelerating the speed at which wells are brought onto production.

DynaEnergetics intends to commercialize the 4-inch OD version of DS Trinity in the second quarter. A 3 ½-inch OD version designed for use in 5 ½-inch casing is scheduled for release

shortly thereafter.

Field Trial Summary

In one of the recent field trials, the customer successfully shot 32 stages in 6-inch casing. The customer utilized 25 4-inch DS Trinity systems per stage and perforated in 10-foot increments. The trial was completed with charges that provided the caliber equivalent of a four-shot gun.

The 4-inch guns were used in lieu of typical 3 1/8-inch guns to minimize the gap between the gun body and casing. This created more consistent perforations and improved overall fracture stimulation. The system also enabled accelerated pump down operations and reduced water usage.

Based on the success of the trials, the operator said it plans to complete additional jobs in the coming months using the 4-inch DS Trinity system.

About DynaEnergetics

DynaEnergetics' innovative perforating systems make a measurable impact on well productivity, completion cost and safety. As the only global perforating manufacturer that designs, manufactures and qualifies all of its equipment and accessories in-house, DynaEnergetics ensures unmatched performance and the lowest total cost of operations. For more information, visit www.dynaenergetics.com.

Safe Harbor Language

Except for the historical information contained herein, this news release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, including DynaEnergetics' intent to commercialize a 4-inch OD version of DS Trinity in the second quarter, and a 3 1/2-inch OD version shortly thereafter. Such statements and information are based on assumptions regarding DynaEnergetics' ability to achieve its commercialization goals. Forward-looking information and statements are subject to known and unknown risks, uncertainties and other important factors that may cause actual results and performance to be materially different from those expressed or implied by such forward-looking information and statements, including but not limited to: the success of DynaEnergetics' product and technology development initiatives; competitive factors; current or future limits on manufacturing capacity; general economic conditions impacting our business and the business of our customers; as well as the other risks detailed from time to time in our SEC reports, including the annual report on Form 10-K for the year ended December 31, 2017. We do not undertake any obligation to release publicly revisions to any forward-looking statement, including, without limitation, to reflect events or circumstances after the date of this news release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

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