

# NEWS RELEASE

FOR IMMEDIATE RELEASE

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## **NCS Energy Services Introduces Closable Frac Sleeves for Multistage Completions**

**CALGARY, Alberta**, June 24, 2014 -- NCS Energy Services introduced today a closable version of the company's GripShift cemented casing sleeve, a new addition to the Multistage Unlimited frac-isolation system. The new sleeve can be opened and closed as needed to provide completion, production, and remediation flexibility and control.

During completions, the sleeves can be closed temporarily after individual stages to prevent proppant inflow or to permit out-of-sequence fracs. During production, specific sleeves can be located and closed to shut off thief zones or unwanted water or gas production. For remediation, selected sleeves can be closed temporarily to secure the wellbore above a target zone that is being stimulated.

A virtually unlimited number of GripShift sleeves can be run as part of a casing string, giving operators more completion flexibility than other multistage completion systems. All GripShift casing sleeves are operated by the coiled-tubing-deployed Multistage Unlimited frac-isolation tool, which also isolates individual target zones for stimulation.

"NCS engineers developed an innovative design which retains the proven features, operability, and reliability of our standard GripShift sleeve design," said Eric Schmelzl, vice president of strategic business. "The closable version is very similar to NCS's standard GripShift casing sleeves. Like the standard sleeves, the closable sleeves are full-drift at all times, are handled and made-up like casing joints, and can be added to the casing string in any order. They also have the same dimensions and pressure ratings as our standard sleeves."

More than 43,000 GripShift sleeves have been installed worldwide since they were introduced in early 2011.

### **About NCS Energy Services**

NCS Energy Services LLC is the world leader in coiled-tubing-deployed frac-isolation technology used in multistage completions. NCS is an independent technology and services company that has operated throughout North America, Latin America, Australia, and the Far East, with a history of more than 4,000 field successes.

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