

High-Pressure DeepSqueeze™ System

PERFORATE AND SQUEEZE TO REMEDIATE CEMENT ANOMALIES IN HIGH-PRESSURE ENVIRONMENTS

OVERVIEW

Good planning and risk assessment are the keys to successful remedial cementing. Through extensive testing and development of both tool technology and shaped-charge design, the Halliburton DeepSqueeze™ single-trip perforate and squeeze system has proven to be a versatile and effective system for a variety of high-pressure well remediation scenarios.

Remedial cementing is undertaken to correct issues with the primary cement job of a well. Remedial cementing requires as much technical, engineering, and operational experience as primary cementing, but is often done when wellbore conditions are unknown or out of control. There is added complexity when the environment is at high pressure.

Due to varying well configurations and types, a unique or more tailored engineering approach is required to meet operator-specific objectives and governmental requirements in high-pressure wells.

The DeepSqueeze system is reliable and efficient for providing flexibility in operational capabilities for squeezing off zones, addressing channeling, or microannulus. The DeepSqueeze system provides isolation of the tubular section by using a permanent mechanical plug, while simultaneously allowing the perforation of the tubular and enabling the spotting of cement into the annular section of a well geometry.

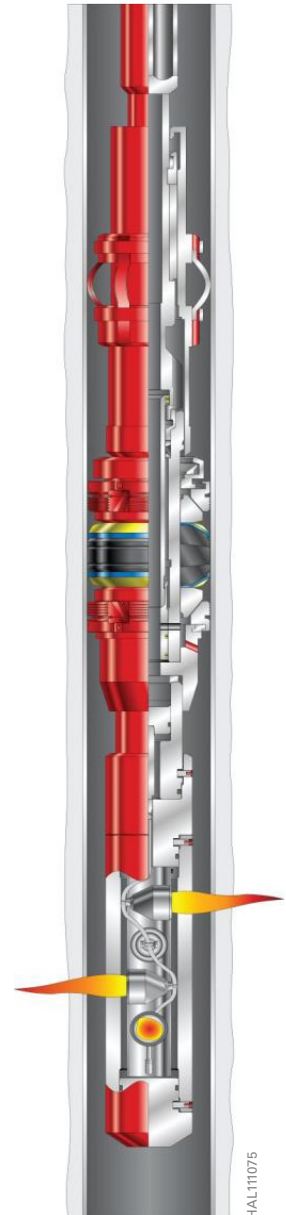
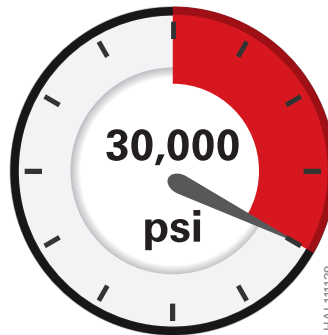
BENEFITS

- » Reduces the total number of runs in the well
- » Provides a means of isolation, while creating a means of communication with the targeted annular section to allow the placement of the barrier within the annular cavity in one trip

FEATURES

- » Isolates, perforates, and squeezes in a single-trip operation up to 30,000 psi
- » Allows remedial cement squeezing

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com



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