

RapidStart® Initiator CT Sleeves Open Successfully After 5 Years

DESPITE 5 YEARS OF HARSH DOWNHOLE ENVIRONMENTS, HALLIBURTON RAPIDSTART® INITIATOR CT SLEEVES CONTINUED TO PROVIDE RELIABLE RESULTS

NORTHEAST UNITED STATES

CHALLENGE

Provide interventionless communication path to the reservoir 5 years after installation.

SOLUTION

Halliburton's RapidStart® Initiator CT Sleeve

RESULTS

5 years after installation the tool functioned as designed and eliminated the need for intervention.

OVERVIEW

An operator in Northeast United States required an interventionless means of establishing communication with the closed completion string to their reservoir. Halliburton provided RapidStart® Initiator CT sleeves in two separate wells that function based on the absolute pressure (applied pressure + hydrostatic pressure) seen at the tool. Five years after the tools were installed into the wellbores, the operator came back to each well, applied pressure and successfully opened each sleeve per the tool parameters.

CHALLENGES

Finding an interventionless completion string solution that can create a reliable communications path with the reservoir, as well as hold-up in harsh downhole environments is critical to an operation to avoid the risk of losing time, money, and other well objectives.

SOLUTION

The RapidStart Initiator CT sleeve is a robust tool, qualified through vigorous qualification tests and engineered to withstand the test of time. Additional benefits are those provided by the consistent, uniform, 360° flow area provided by the RapidStart Initiator CT ports, which allow high flow rates up to 100 bpm, enabling the sleeve as the first frac stage.

This sleeve's field-proven success speaks for itself. With a 98% reliability rate and numerous examples of this tool functioning successfully one, two, and even years after installation, the RapidStart Initiator CT sleeve was the best choice for this operator working in a harsh downhole environment.

RESULTS

The RapidStart Initiator CT sleeves were still functioning after extended years in service, and the operator realized immediate savings by avoiding a tubing conveyed perforation (TCP) run. Not only would this have been costly, but TCP does not provide the same guaranteed flow rates that RapidStart Initiator CT sleeves provide.

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