

Middle East

1,000 installations and counting: expandable liner hangers improve operational efficiency in the Middle East

Halliburton establishes successful run history with VersaFlex® and XtremeGrip® expandable liner hanger systems designed to meet various installation challenges

CHALLENGES

- Market dominated by competitor's conventional systems
- Demanding environment

SOLUTIONS

- Deploy VersaFlex® and XtremeGrip® ELH systems

RESULTS

- More than 1,000 successful liner hanger installations since 2007
- First 9 5/8 × 13 3/8-in. and 9 5/8 × 11 3/4-in. XtremeGrip ELH systems with mating tieback seal assembly
- Numerous managed pressure drilling applications
- Longest lateral drilled within the region
- Increased operations count, market share, and operator confidence

Overview

In November 2007, Halliburton deployed its first VersaFlex® expandable liner hanger (ELH) system for a major operator in the Middle East. Additional opportunities followed and, by year-end 2022, the number of VersaFlex and XtremeGrip® ELH installations for the operator exceeded 1,000. Throughout this successful run history, Halliburton provided improved tool designs to meet operator expectations and requirements as they evolved and maintained the highest levels of service quality in a broad array of applications.

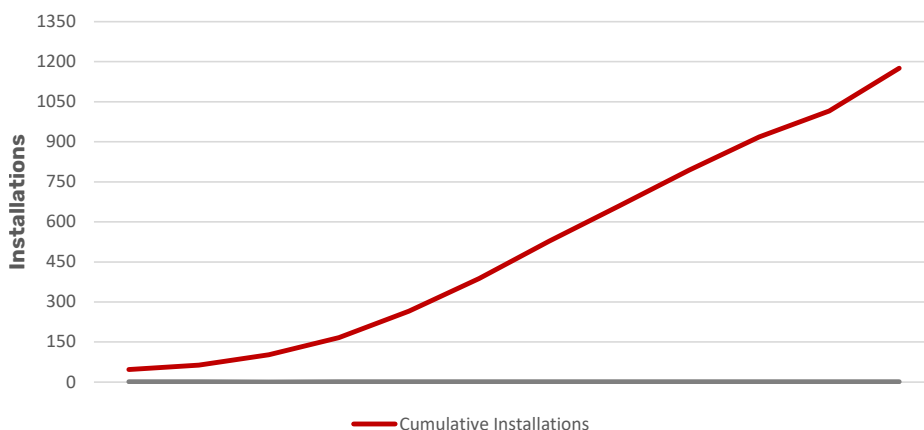
Challenges

Previously, the operator utilized conventional liner hanger systems provided by a competitor. Due to familiarity with the competitor's system, the operator was initially apprehensive when Halliburton proposed ELH systems. To gain operator confidence in the product line, Halliburton had to provide a wide range of systems that could meet production and drilling requirements in even the most demanding environments.

Solutions

Throughout the last 15 years, Halliburton worked with the operator and various internal groups to break into a market dominated by competition. ELH technology provides a versatile, reliable solution to address various installation challenges and improve operational efficiency. Communication before, during, and after each installation helped identify opportunities for improvement and increase operator confidence in the technology.

Liner Hanger Installations thru 2022



CASE STUDY

Results

During the journey to 1,000 installations, Halliburton completed numerous managed pressure drilling applications and installation of some of the longest laterals drilled in the region. In 2020, the team designed a well installation that included two liner hanger systems and deployed the region's first 9 5/8 × 13 3/8-in. XtremeGrip® ELH system and 9 5/8 × 11 3/4-in. XtremeGrip ELH and tieback system. Both systems reached target depth with zero issues and provided the loss zone isolation necessary to achieve the operator's objectives and enable drilling farther into the production zone.

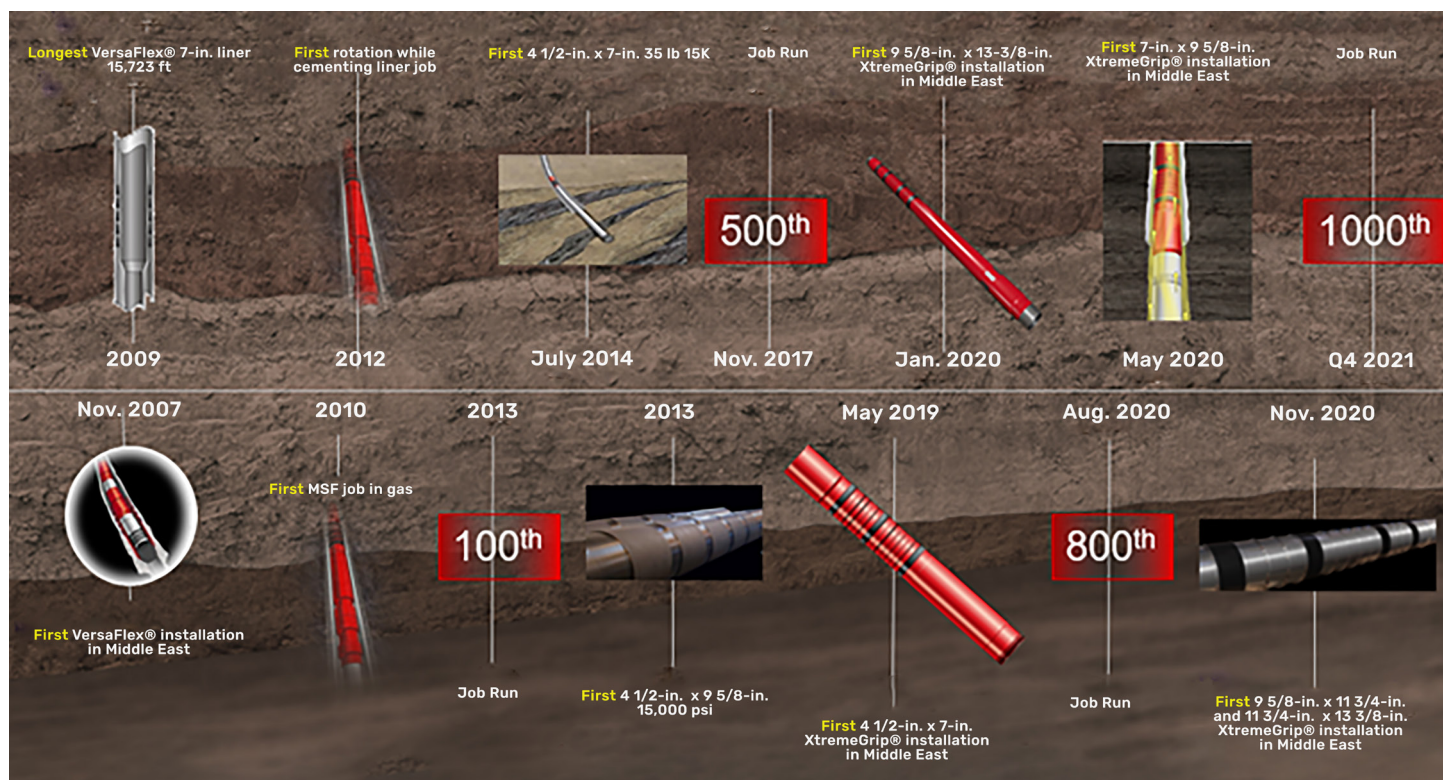
With onshore and offshore activity in the region expected to increase, the growing demand for both expandable and conventional liner hanger systems is expected. As such, Halliburton deployed the first drop-off systems from the



Successfully installed
1,000+ liner hangers
since 2007

MatchSet® conventional liner hanger portfolio, which replaced the system provided by a competitor, and further increased operator confidence in the Halliburton product line.

Halliburton addressed the operator's challenges, developed innovative solutions, and delivered excellent service quality to increase operational efficiency and maximize asset value.



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

At Halliburton we collaborate and engineer solutions to maximize asset value for our customers. All products and service solutions are available as integrated offerings or as discrete services, based on customer requirements.

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