

Canada

EV0-Trieve™ retrievable bridge plug delivers six years of reliable barrier integrity and smooth recovery

Operator achieves long-term water shutoff and efficient intervention in challenging offshore conditions

CHALLENGE

- Required long-term barrier integrity
- Faced extended depth and high deviation
- Needed proven technology for reliability

SOLUTION

- Conducted metallurgy and elastomer compatibility review
- Analyzed temperature, pressure, and fluid composition
- Engineered for mechanical integrity and sealing reliability

RESULT

- Delivered six years of dependable isolation
- Recovered RBP without operational issues
- Enabled inspection and reuse for future operations

Overview

An operator in East Canada faced an unexpected need for a dependable, long-term downhole barrier. Unlike typical short-term barriers used for maintenance, this application required extended reliability to isolate a lower production interval and prevent water ingress. Halliburton provided the 7-in. EV0-Trieve™ retrievable bridge plug (RBP), which delivered exceptional performance for nearly six years and enabled a seamless recovery process.

Challenge

The operator required a solution that maintained barrier integrity for years rather than weeks. The well's extended depth of 5745 m measured depth (MD) and 37° deviation added complexity. The operator required technology with proven reliability and compatibility with harsh downhole conditions.

Solution

Halliburton collaborated with the operator to conduct a comprehensive technical assessment. The team reviewed metallurgy and elastomer compatibility, analyzed temperature and pressure, and evaluated deviation factors. Halliburton and the customer selected the 7-in. EV0-Trieve™ RBP to ensure mechanical integrity and sealing reliability throughout the extended deployment. Halliburton assessed fluid composition and downhole parameters to optimize material selection and to help ensure long-term performance.



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Evo-Trieve™ RBP

Result

The EV0-Trieve™ RBP delivered six years of uninterrupted barrier performance and was recovered without operational complications. The successful recovery allowed inspection and redress for future use, reducing cost and downtime. With more than 40 deployments in offshore Newfoundland alone, the EV0-Trieve™ system continues to prove its value as a trusted solution for operators who seek dependable barrier integrity and operational efficiency in complex well environments.



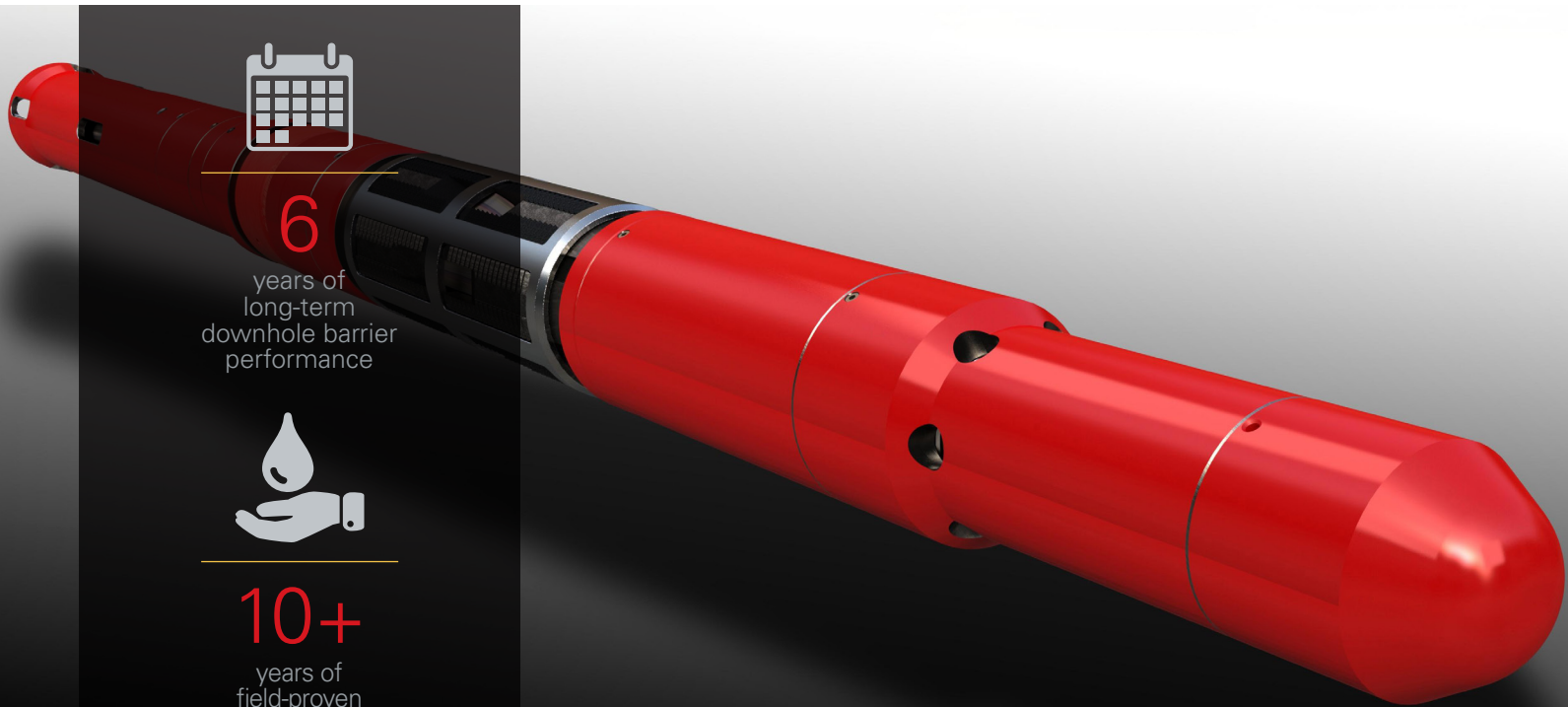
6

years of
long-term
downhole barrier
performance



10+

years of
field-proven
success with
EV0-Trieve™ RBP



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