

Middle East

Operator secures well for six years using retrievable service tools

7-in. Model 3L™ retrievable bridge plug provides reliable well suspension barrier to prevent uncontained formation fluid release

CHALLENGE

- Long-term well suspension for an unspecified duration
- Reliable RBP to act as barrier
- Safe plug retrieval after several years downhole

SOLUTION

- 7-in. Model 3L™ RBP

RESULT

- Successful set and retrieval of Model 3L RBP
- Reliable barrier downhole for six years
- Plug retrieved on first attempt with zero issues

Overview

A well drilled by an operator in the Middle East required plugging after unforeseen issues halted operations for an unspecified period. In response to the operator's request for a solution, Halliburton deployed the Model 3L™ retrievable bridge plug (RBP), which provided the necessary barrier to suspend the well and prevent fluid release to surface over a six-year period.

Challenge

As part of the campaign, the operator drilled a well with plans to later install the upper completion. However, operational and contractual issues unexpectedly shut down operations and the well had to be plugged. The operator requested Halliburton provide an RBP to act as a reliable, long-term barrier to contain the well fluid during suspension. In addition, the operator wanted the capability to easily retrieve the plug when operations finally resumed.



2,231 days of continuous well containment in downhole conditions

Solution

Halliburton recommended the 7-in. Model 3L RBP to create a temporary isolation barrier that could be safely removed to recommence operations. A service specialist set and tested the RBP successfully without any issues.

Result

The Model 3L™ RBP provided mechanical isolation and the operator suspended the well as planned.

The Model 3L RBP met the operator's requirement for operational efficiency and reliable recovery; and, when operations resumed six years later, Halliburton retrieved the plug on the first attempt with zero issues. This helped reduce time to production and maximized asset value. An inspection showed the tool remained in good condition, with no missing or damaged parts, which further demonstrates the plug's rugged design.



Successful
retrieval with
ZERO issues



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Model 3L™ RBP
recovered from well in
good condition

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