Middle East

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Operators minimizes rig time using dependable, robust, retrievable bridge plugs

Model 3L™ retrievable bridge plugs operate reliably, despite challenging well conditions

CHALLENGE

- Set RBPs to isolate wellbore sections
- Overcome well restrictions and safely retrieve RBPs

SOLUTION

 Model 3L[™] RBPs with robust overshot design

RESULT

- Model 3L[™] RBPs functioned as designed
- Competent personnel washed down and guided the work string past restrictions, and successfully retrieved RBPs

Overview

Extensively used within the industry, Halliburton Model 3L™ retrievable bridge plugs (RBPs) provide a proven, reliable barrier to isolate and protect wellbore sections. During separate operations for major operators in the Middle East, Halliburton used Model 3L RBPs to isolate specific sections of the wellbore. The result demonstrated the robustness and reliability of the Model 3L RBPs after retrieval of both plugs in challenging well conditions where lesser plugs might have faltered.

Challenge

After setting, the Model 3L RBPs remained in the wellbore to provide an isolation barrier. However, operators encountered well restrictions caused by debris while running in hole with the overshot to retrieve the assemblies.



Solution

With proven capability to function in the most challenging wellbores, Halliburton often recommends the Model 3L RBP as a barrier during operations that require sand spotted above the plug. The robust design of the Model 3L RBP overshot allows high circulation rates and volumes through the overshot and on top of the plug to achieve cleanout velocities. To help ensure safe retrieval and service quality, Halliburton personnel with appropriate training and skills performed the operation.

Result

Halliburton tool operators washed down and maneuvered the work string past the restrictions, and latched onto, unset, and retrieved the RBPs in the same run, which minimized rig time and costs and maximized asset value. During both operations, the Model 3L RBPs operated as designed, despite challenging conditions. Significant debris above the plugs was removed from the well, which included one plug wrapped in approximately 40 in. of encapsulated control line.



Debris circulated from above the Model 3L™ RBP before retrieval.





Debris packed off around the Model 3L™ RBP after retrieval.

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

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