



Case Study: Temporary P&A installation with 342-450 Permanent Plug

Date: February 2020
Region: Middle East - UAE



Key Capabilities

- Robust and field-proven solution
- Low risk
- Cost efficient
- Rapid deployment via E-line
- ISO 14310-VO

Challenge

A major operator in the United Arab Emirates was looking for an alternative solution for the permanent isolation of an existing reservoir, which they wanted to sidetrack further up the well.

The operator contacted Interwell UAE to see if they could help them avoid a costly workover of the well, in order to achieve their desired isolation.

Solution

Working together with the operator's end-users, Interwell's Permanent Plug technology was advised as the best solution for permanent isolation of the existing reservoir. By setting the Permanent Plug as close to the reservoir as possible, permanent isolation could be quickly and effectively achieved.

The 342-450 Permanent Plug was chosen as the most appropriate for permanent isolation and was mobilized using Interwell's advanced 3.50" Electronic Setting Tool (EST). As the tool could be deployed on E-line, this meant the plug could be run directly into the tubing and set below the 7" production packer. The setting depth could also be verified and correlated via the EST, ensuring minimal operational time was used.

Value Created

By using Interwell's Permanent Plug, the operator was able to successfully isolate the reservoir with an ISO 14310 VO (API 11D1) barrier, saving the time and expense of a cement job. This resulted in significant savings for the operator, who could get the well online with the new sidetrack faster than if they had needed to do a complete workover.

