

Case Study: Well Brought Back Online with APS & Screens

Challenge

In December 2015, a Interwell 425-550 Multi-Run Anchored Production Straddle (APS) lower module with 287ft of 2.7/8" sand screens were set on intelligent coil tubing inside existing failed 5½" sand screens in a North Sea Well. However, well configuration challenges meant that running of the upper module required further investigation.

Solution

Following the successful installation of a similar system on the same operator's field and based on learnings from both operations, Interwell & the operator, through close collaboration, were able to develop a revised remediation strategy which included the installation of shorter blank-pipe assemblies and 'slick' outer profile in multiple runs. In March 2017, the operator returned to the well and carried out a precautionary snorkel run to clean up the lower assembly. Following this operation, five subsequent runs were carried out with coil tubing to set 470ft of 4" blank-pipe and an upper 425-550 APS module to isolate the upper part of the existing screens.

Value Created

With the remedial screen / Interwell straddle system set in both wells, allowed the operator to flow both wells solids free increasing production by circa 1200bopd.

Date:

March 2017

Region/Field:

North Sea

Key Capabilities:

- Slim design (small OD/ large ID)
- Retrieve with standard GS
- Can be run as a single or multiple run straddle

