

Case Study: First run IVC in Middle East

Challenge

A Middle-Eastern operator experienced a failed downhole safety valve (DSV), compromising well integrity. It was unsafe to keep the well online, so it was taken out of production, secured, and lined up for workover.

Date:
September 2015

Region/Field:
Abu Dhabi

Solution

Interwell ran and set a tailor-made Insert Valve Carrier (IVC) to retrofit the third party replacement valve inside the existing safety valve profile. Interwell custom designed the 369-450 ISO14310 Vo tool for this well, and was developed to capitalize on the existing equipment in the hole. This was the first installation of an IVC in the Middle East region.

Value Created

Interwell successfully installed an IVC assembly inside the existing safety valve profile. The client managed to re-start production immediately and saved a costly workover of approx. \$5 million. The well is back to producing 3000 BPD.

“After successful trial of the IVC we can overcome the problem without going into workover. This will save time and money. Upon confirmation and identification of wells, we will use the IVC and will bring these wells to production”

Middle Eastern Operator

Failed DHSV,
Interwell IVC
set in 3.81”
Nipple profile

