

Case Study: Bespoke IVC Systems in Australia

Challenge

An Australian Operator experienced failed downhole safety valves (DHSV) in two of their biggest producing wells, compromising well integrity. It was unsafe to keep the wells online, so they were taken out of production, secured, and lined up for workover. The client wanted to retrofit a subsurface safety valve (SSSV) using a carrier that was able to straddle the existing TRSCSSV (Tubing Retrievable Surface Controlled Sub-Surface Safety Valve) and guarantee well integrity.

Date:

April 2016

Region/Field:

Northwest Shelf,
Australia

Solution

Interwell delivered a bespoke concept, which included an interface connection between our Insert Valve Carrier (IVC) and the third party's SSSV.

The SSSV supplier took part in an SIT at Interwell HQ in Stavanger, and the three IVC units were shipped to Australia, ready to be installed in the wells.

Value Created

Due to the wells being two of client's biggest gas producers, the lead time and deliverability was very short. However, Interwell developed bespoke IVC systems which were successfully installed in both wells, allowing the client to re-start production immediately and saved costly workovers. Both wells are back to previous production levels as two of the Operator's biggest gas wells.

