

Case Study:

SwellStacks successfully reinstates function of safety valves

SwellStacks help to get wells back on production successfully and faster by sealing badly damaged sealbores

Well Data

Location: Malaysia

Well Type: Oil and Gas Producers

Installation Date: 2020/2021

Completion Sizes: 23/8", 27/8", 31/2", 41/2", 51/2", 7"

Field: Multiple Fields across Malaysia



Background

Malaysia has thousands of mature wells in which they have inserted safety valves. These wells need intervention on a regular basis meaning the insert valve needs to be recovered to gain access to the wellbore below.

The Challenge

Multiple operators in Malaysia with mature wells were facing everyday issues with badly scored, damaged or corroded sealbores. They were unable to get control line pressure to the safety valve without performing multiple wireline runs and trying different packing configurations to get the required opening pressure of the safety valve without success.

TAQA Solution

The swellstack replaced the entire OEM packing stack and used the control line and wellbore fluids to enable the SwellStack elements to energise into the scored and damaged sealbore creating a pressure tight seal. Thus enabling full opening pressure to the safety valve and restoring the well to production safely, whilst saving time and costs when compared to previous operations.

Project Results

SwellStacks have become the 'go to' proven solution for multiple operators, with repeated success across multiple fields in Malaysia

