



# PulseEight™ Secure

SUCCESS STORY

## PulseEight™ Secure enables return to production in a previously shut in offshore North Sea well

UK

**100%**  
ROI  
WITHIN 6 DAYS

**300+**  
DAYS  
OPERATIONAL

**\$\$\$**  
WORKOVER  
COST SAVINGS

PulseEight Secure wireless completion is a simple retrofit solution to safely restore production or injection in wells with a failed downhole safety valve by autonomously responding to change in a well's flow or a critical safety event.

### THE CHALLENGE

An operator in the UK had a cyclic gas-producing well with a control line leak rendering the Tubing Retrievable Sub-Surface Safety Valve (TRSSSV) inoperable and no option to run an Insert Safety Valve (ISSV). The well had been shut in since 2021 and the operator needed a safe solution that was not dependent on control line.



### THE SOLUTION

In March 2023, a 3.5" PulseEight Secure wireless completion was installed just above the existing TRSSSV using a retrievable packer, enabling the operator to bring the well back on to production safely without having to pull the tubing. The tool was run in closed to allow the packer to be inflow tested against the maximum anticipated pressure.

### THE RESULT

The installation of PulseEight Secure enabled over 50% additional days production, significantly improving recovery and therefore the economics of the well.

Our daily Vitality Pulse provided continuous visibility into the tool's functionality, thus adding an additional level of safety assurance over other barrier solutions. The unique Vitality Pulse has no negative impact on productivity, is fully automatic and provides a daily tool status, unlike other barrier solutions that require periodic testing.

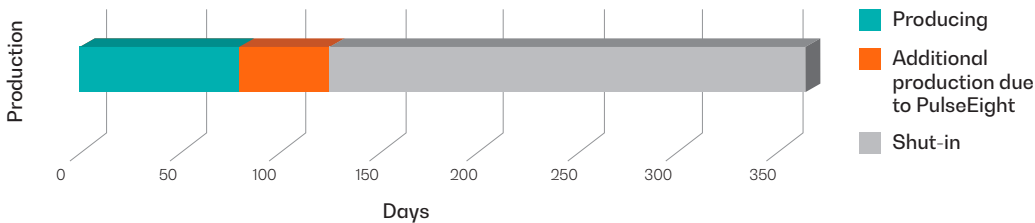
The operator was able to eliminate multiple yearly interventions, allowing them to optimize the overall production from the cyclic well, compared to the previous operational model.

The deployment of PulseEight Secure created significant value for our customer, by improving production time and setting a standard for managing future well operations.



#### WELL DATA

- Location: Offshore, UK
- Well Type: Gas Producer
- Tubing size: 5.5inch
- Setting Temp: 95°C



\*Example of expected increase in production time using PulseEight Secure