



PulseEight SECURE

SUCCESS STORY

Intelligent safety valve restored long-shut gas well without costly offshore workover intervention

Australia

\$250M

DEFERRED PRODUCTION UNLOCKED

10

YEARS SHUT-IN REVERSED

14

DAYS ROI

PulseEight Secure is an intelligent, tubing retrievable safety valve system that autonomously responds to critical well-control events. It uses configurable dynamic pressure triggers and downhole verification to rapidly secure the well, integrating seamlessly with topsides control systems for enhanced offshore production assurance and safety.

THE CHALLENGE

A mature offshore gas well had been shut in following a control line leak to the subsurface safety valve. Previous intervention campaigns failed to restore a compliant downhole barrier, leaving a full offshore completion workover as the only option. That option carried significant cost, extended downtime, and increased regulatory and operational risk.



THE SOLUTION

PulseEight Secure was deployed on braided line into the existing 7-inch completion, eliminating the need for a rig-based workover. The valve was configured with well-specific emergency shutdown logic, loss-of-containment response, and low-pressure triggers. It was fully function-tested and integrated with the platform Distributed Control System, DCS.

The solution gave the operator an autonomous, verifiable downhole barrier aligned with the regulator's safety intent, while enabling a faster, lower-risk route back to production.

THE RESULT

The regulator endorsed solution restored a robust downhole barrier and returned the well to stable production after nearly a decade of shut-in.

By avoiding a conventional workover, the operator materially reduced cost and deferred downtime, while achieving a step change in safety performance through autonomous, verified downhole shut-in capability.

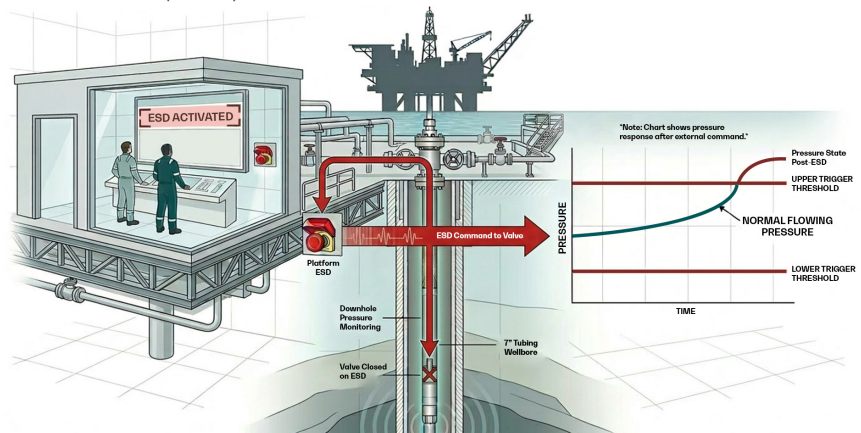
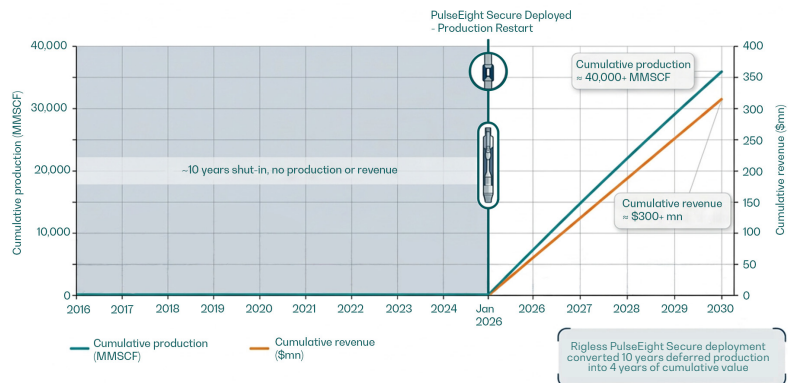


Image demonstrating a platform ESD push-button has been activated

WELL DATA

- Gas producer completed in 7-inch tubing on a fixed offshore platform
- Historic subsurface safety valve control line leak
- Multiple prior intervention attempts failed to deliver a lasting barrier restoration
- Braided-line deployment enabled rapid, rigless installation of PulseEight Secure
- Autonomous valve now provides the primary downhole barrier and supports long-term production recovery

Cumulative production and revenue after Secure deployment



Description: Deferred production and revenue unlocked from the well prior to deployment