

## Responsive Service and Flawless Execution Demonstrated in the Installation of a 9 5/8 inch High-pressure Casing Patch in the North Sea

Wellbore Integrity Solutions was called upon to plan, mobilize, and successfully install a high-pressure casing patch during a work-over operation.

### CHALLENGE

During a work-over planning process, the customer required a remedial option if the 9 5/8 in. casing integrity was compromised. The planning and execution of this operation was requested on short notice.

### SOLUTION

With the required equipment on the ground locally, WIS prepared a thorough procedure and mobilized the necessary equipment to cut and pull 9 5/8 in. casing, washover the casing stump and dress off the casing profile to facilitate the installation of high-pressure casing patch. The casing patch was then installed and tested successfully to requirements.

### RESULT

- A rapid response was provided to restore integrity to leaking 9 5/8 in. casing, allowing work-over operations to continue.
- 9 5/8 in. casing cutting, recovery and stump preparation were conducted efficiently and in accordance with plans.
- The high-pressure casing patch was installed and successfully tested.
- This casing repair operation resulted in maintaining the life and integrity of the well.

**The Wellbore Integrity Solutions team in the UK planned and quickly mobilized the necessary equipment to conduct a 9 5/8 inch high-pressure casing patch installation on a mature platform in the North Sea.**

When a competitor was unable to deliver, a major operator in the North Sea, UK sector, contacted Wellbore Integrity Solutions (WIS) for rapid support to conduct a 9 5/8 inch casing patch installation to repair a casing leak on a mature platform. After planning and equipment mobilization, experienced WIS field personnel successfully cut and recovered 9 5/8 inch casing, washed over, and dressed the casing stump before deploying the casing patch. The casing patch was then spaced out, installed and successfully tested. Excellent pre-job planning, along with flawless operational execution, ensured that the customer maintained the integrity of the well allowing work-over operations to continue.

*9 5/8 inch high-pressure casing patch hanging in the derrick ready to run in hole and install.*

