

Pre-installed TIMELOCK™ in Dummy Hanger Saves 6 Hours' Rig Time and \$70,000 for Operator



Region: North Sea
Customer: Major operator
Well Type: Producer

Case benefits

- Saves 6 hours' rig time
- Saves \$70,000*
- No need to mobilize casing running equipment or personnel.
- Plug was set and pressure tested off-line without use of rig-time.
- Installation and shallow barrier with the BOP crane.

Key capabilities

- ISO 14310 certified plug, available as VO rating
- Plug is pressure tested onshore, no risk of any miss-runs.
- No offshore personnel required.
- Can be installed in the well on off-line activity without using rig-time.

Typical Applications

- Plug & Abandonment
- Can be used for wells that have no tie-back installed

Challenge

A major operator challenged Archer to successfully set a barrier plug in the dummy hanger with minimum length and weight available.

Solution

Archer preinstalled the TIMELOCK plug, conducted a pressure test, and made up the dummy hanger with the torque machine. The BOP crane was used for installing the same offshore.

When entering the well, the customer can equalize the plug with surface equipment and lift out the plug with rig-equipment efficiently and effectively.

Result

Archer's solution saved the customer approximately 6 hours of rig time, equating to approximately \$70,000*.

From a health and safety perspective, the solution reduced any manual handling risks performed by the rig crew.

*Currency is in US dollars.