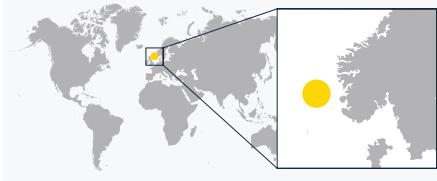


LOCK™ Plug Passes VO Test for Wells with Extended Casing Wear



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

Case benefits

- Saves time and costs with slot recovery and re-entry
- Total security in permanent well abandonment

Key capabilities

- ISO 14310 VO rated gas tight seal
- Enhanced seal technology
- Flexible
- High running speed
- Fast and efficient P&A

Typical Applications

- Fundament for whipstock
- Permanent and temporary barrier
- Combined with wellbore cleanup

Challenge

A high number of slot recoveries has been and will be performed, where potential casing wear can be up to 30%, therefore existing API standards and test methods cannot be applicable to these casings.

A major operator needed to install barrier plugs for temporary plug and abandonment (P&A) in these wells. The test criteria was 20-70 degrees Celsius and 160 bar.

Solution

Archer used a LOCK plug to conduct a VO test in a casing with 45% wear, which is 15% above the standards from the customer.

Result

Archer passed the VO test on the first attempt.