

Case Study: 12 Hours Rigtime Saved with Equalising Balldrop Sub

Challenge

Prior to recompletion, the well needed to be secured by setting a shallow barrier plug. The operator wanted to save time and cost, so needed a solution to save on rig time.

Solution

Interwell ran and set a shallow 572-700 ME retrievable bridge plug with EBS as a temporary shallow barrier. The EBS enables the customer to pressure test the shallow plug up to 345 bar without risking pre-mature opening of the EBS.

After the BOP was rigged up, the connection was tested against the ME and EBS. The Tubing Hanger Running Tool (THRT) was run in hole and connected to the tubing hanger on the wellhead. Prior to pulling out the completion, a 2" ball was dropped to remote equalize the ME and EBS. The ME and EBS were then pulled out together with the tubing, saving the customer an extra run on drillpipe to pull out the plug separately.

Value Created

With the ME Plug and the EBS being pulled out with the completion, the client saved approximately 12 hours of rig time.

Date:

September 2015

Region/Field:

Norwegian North Sea

Key Capabilities:

- Allows a temporary barrier when run with closed end
- Opens at a predetermined differential pressure level after a ball is dropped, enabling remote equalisation and production / injection
- Can also open when run with a closed valve underneath

