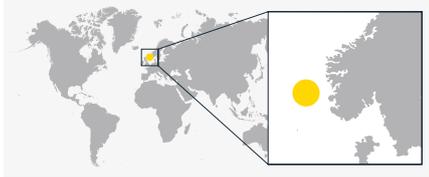


EasyFlow Tool Improved the Running Speed of 9 5/8" Casing by 50 Percent



Region: North Sea

Customer: Major operator

Field: Fixed platforms

Well Type: Production

Case Benefits

- Saved 11 hours' rig time.
- Easy to fill and circulate while running the casing.
- Minimized risk of getting stuck with the casing.
- Easy to rig up and operate.

Key Capabilities

- Elements seal inside casing while circulating through casing.
- Circulate through casing while running in hole.
- Connected directly to top drive.
- Wide range of casing sizes and weights.
- Break circulation without setting slips.
- Integrated mudsaver valve, eliminate spill and dripping on rig floor.
- Ability to set down weight on casing.

Typical Applications

- Fill and circulate while running the casing.
- Break circulation when retrieving tubing/casing.

Challenge

The objective was to efficiently run approximately 2,000m with 9 5/8" casing without getting stuck with the casing until reaching true depth (TD). The original plan was to stop running in hole and to fill the casing every 10 joints, which is a time consuming method.

Solution

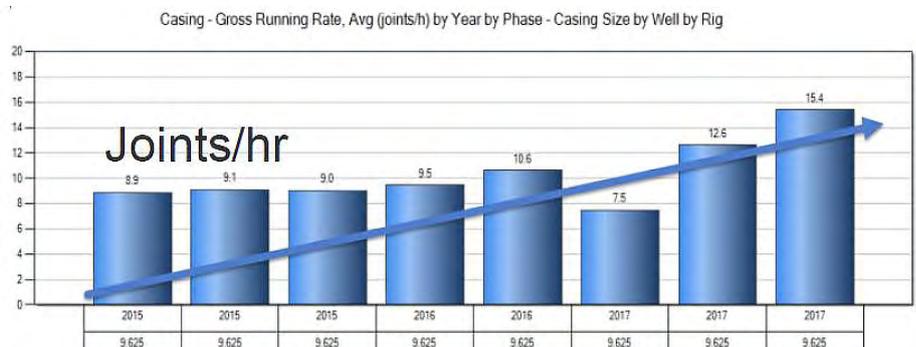
With Archer Oiltools' EasyFlow Tool, which improves the safety and efficiency of casing deployment, the filling could be made on each joint while making up the casing.

This would result in no stops and a more efficient operation with a higher running speed. While running the last joints, the tool was stroked out and enabled circulation through the casing while running to TD.

In addition to implementing the EasyFlow tool in the operation, the casing was run without protectors, which helped reduce the rig time.

Result

The average running speed increased approximately 50 percent, from 10 joints per hour to 15 joints per hour. Overall, EasyFlow reduced rig time by 11 hours, per 350 joints of casing.



Archer is a global oil services company with a heritage that stretches back over 40 years. With a strong focus on safety and delivering the highest quality products and services, Archer operates in 40 locations over 19 countries providing drilling services, well integrity & intervention, plug & abandonment and decommissioning to its upstream oil and gas clients. **We are Archer.**

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