

Remote Operation Techniques Successfully Applied in Norway

Wellbore Integrity Solutions (WIS) successfully planned and executed a remotely supervised cut and pull operation on the Norwegian Continental Shelf

CHALLENGE

Due to personnel limitations at the rig site, the customer requested that a 9⁵/₈ in. casing cut and pull operation be conducted remotely. The cut and pull operation required an emphasis on safe and efficient practices, with no compromises by the remote supervision aspect of this application.

SOLUTION

The operation was planned as a remote application that would be supervised from the WIS onshore base. Procedures and communication protocols were established to monitor and manage the operational steps. An experienced WIS manager was assigned to ensure successful execution.

RESULT

- A successful example of a 9⁵/₈ in. casing cut and pull operation supervised remotely and in accordance with plans.
- No non-productive time (NPT) or safety issues were encountered.
- A validated best practice for future requirements.

A combination of efficient planning and experienced personnel ensured the successful execution of a remote cut and pull operation.

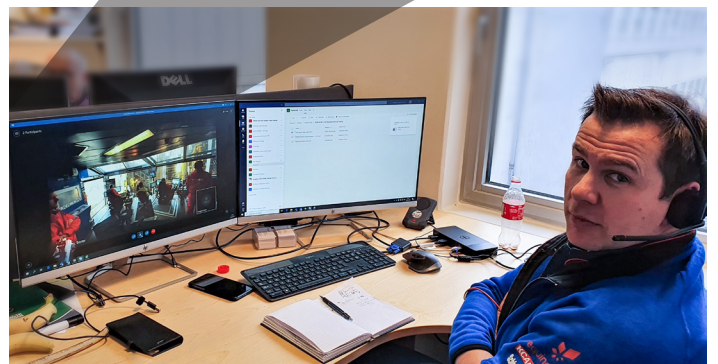
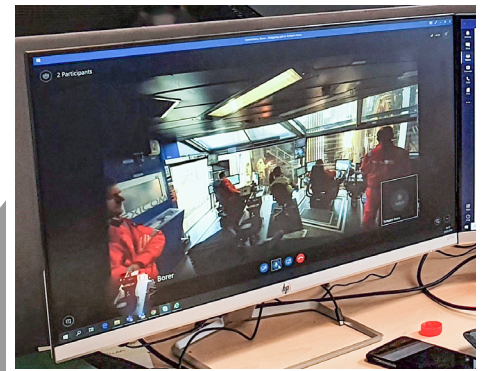
A major customer, operating on the Norwegian Continental Shelf, required a 9⁵/₈ in. casing cut and pull operation be remotely supervised from a base onshore instead of a dedicated supervisor present on the rig. Due to both limitations placed on the number of people at the rig site and as a means of increasing overall personnel efficiencies, delivering remote service capabilities is growing in many markets.

The WIS operations team, in Norway, worked with the customer to establish the necessary protocols, procedures, and communications to allow the successful execution of this cut and pull operation from the WIS onshore base.

The operation was monitored remotely in real-time by an experienced WIS manager. A live feed provided a rig floor view at all times along with the streaming of operational data as well.

Audio communications were also in place to allow direct interaction between the WIS manager and the crew on the rig floor.

Because of careful planning and experienced remote supervision, this cut and pull operation was conducted successfully.



Real-time communications with experienced WIS manager at the shore base.

Left screen: Live feed of the drill floor and the driller on the rig.



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