

## Expro Excellence

# CoilHose technology provides a cost effective solution for well unloading

## Well Intervention



### Customer challenge

- The customer required to unload one exploration well prior to commencing their well test operation
- It was anticipated that overbalanced fluid in the well would prevent the start-up of the well test, therefore as a contingency the customer required a solution to unload the fluid using nitrogen injection
- A full well test package and slickline equipment limits the available space onboard, they were looking for a smaller footprint solution
- With ongoing drilling operations, the available POB capacity was limited, and the customer required to minimise the additional personnel
- Operations were planned to be conducted on the critical path with the use of a drilling rig

### Expro Excellence

- Expro proposed our CoilHose service as a replacement for coiled tubing to unload the well using nitrogen injection through our 3/4" OD CoilHose Light Well Circulation System
- Expro's CoilHose solution offers a rapid rig up time compared to traditional coil tubing which reduces the time required to plan and perform the operation
- CoilHose was prepared and rigged up off critical rig time, which resulted in 2 days of cost savings
- The rig-up/rig down time is also simplified, all of which leads to reducing the safety risks and the environmental impact when intervening a well
- Our CoilHose has a reduced footprint and weight compared to traditional coiled tubing equipment
- Key interfaces with the rig and other suppliers were successfully managed
- Expro delivery met the customer expectations and the project continued without delay

### Value to the client

- Overall delivery of the well without impacting the project timeline
- Reduced overall carbon footprint throughout the project. Mobilisation with vessel required less deck space, fewer and no heavy or critical lifts to the rig. No need for project specific vessel to mobilise
- CoilHose has a reduced complexity, footprint and weight compared to traditional coil tubing equipment which allowed for optimum planning through to operational execution and de-mob
- Like for like operational timings were significantly reduced and performed with a multi- disciplined reduced POB
- From a safety perspective the overall risk was significantly reduced compared to a coil tubing operation
- Due to the smaller footprint of the equipment, spotting and preparation was done prior to starting up the well, without using up critical rig time and in parallel with the ongoing operation. Saves time, cost and reduces the carbon footprint as operational days with the rig is significantly reduced
- After perforating, the well was unable to flow naturally and the CoilHose operation was executed successfully. The CoilHose equipment was rigged up within hours and the unloading operation started. The well started to flow and the well test program was able to commence
- As the rig-up and equipment is similar to a slickline operation, rig-down was completed within hours, and the clean-up and well test operation could start compared to 24 hours using coil tubing

### Reduction of rig time



### Cost saving



### Contact

For further information please contact:  
[wellintervention@exprogroup.com](mailto:wellintervention@exprogroup.com)  
 or visit  
[exprogroup.com/wellintervention](https://www.exprogroup.com/wellintervention)