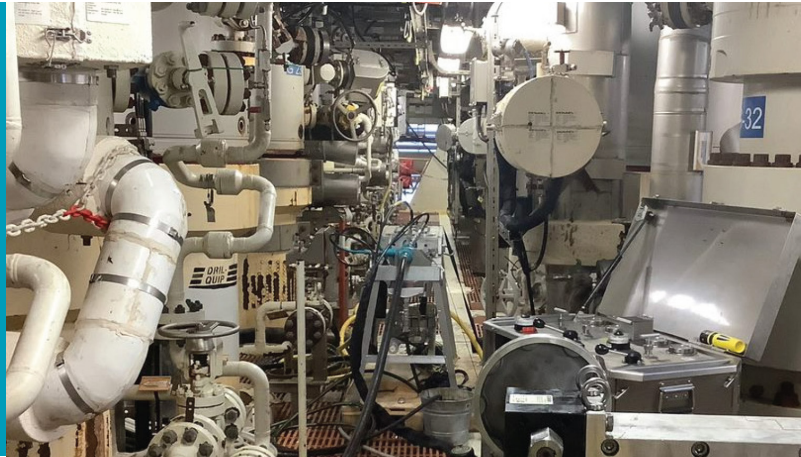


Expro Excellence

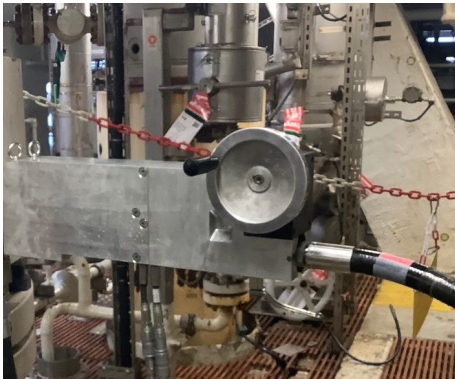
# Octopoda™ annulus intervention system deployed for D-annuli inspection

Well Intervention and Integrity



## Objectives and background

- Expro were approached to provide Octopoda™ annulus intervention services to inspect the D-Annuli in four wells. The overall objectives of the project were as follows:
  - Determine the fluid levels in the D-annuli
  - Confirm the top of cement (TOC) in each of the D-annuli
  - Take fluids samples from various points in the D-annuli
  - Swap out the existing D-annuli contents with inhibited fluid
  - Perform a camera inspection in the D annuli
  - Log the casing wall thicknesses



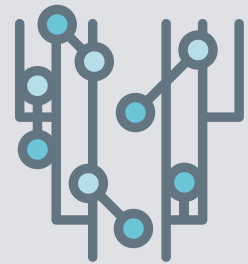
## Expro Excellence

- The customer had explored several different solutions to inspect the annuli
- Expro are the only company globally that can provide annulus intervention services using our patented Octopoda™ annulus intervention technology
- We were selected to provide a complete integrated service delivery model for this project

## Value to the client

- The customer was able to determine the fluid level and successfully confirm the TOC in all the D-annuli surveyed, this allowed the customer validate the well condition
- The D-annuli contents were swapped out with inhibited fluid and biocides to mitigate the risks associated with corrosion and microbial growth
- World first for annulus intervention with this specific type of application has proven to be successful in providing data to the customer to enable decision making on asset life extension
- Based on the data gathered the customer subsequently initiated a project to survey an additional 11 wells

### Well integrity



### Integrated approach



### Contact

For further information please contact:  
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