



ONE **STEP** AHEAD...

# Determine space occupied by gas cap in the A annulus

## Industry Challenge

- Determine the actual space occupied by gas in the A-annulus prior to top-up routine
- Provide comprehensive reporting on bleed-off operation and gas cap measurement results

## Operational Targets

- Flow, monitor, measure and record the hazardous medium safely and without incident
- Capture all data during bleed-off and top up the annulus within operationally agreed parameters
- Provide accurate data on actual volumes for gas cap and annular top-up fluids

## Intervention Solution

- Mobilised Coriolis gas measurement and data recording equipment skid to suit customer requirements
- Analysed data results to determine and verify actual gas volume as requested

## Conclusion

- Customer was able to make informed decisions on the well integrity status
- Operation performed safely and without incident by Intervention personnel



## Location

North Sea Platform

## Operation Type

Annular gas cap bleed off measurement and top-up operations

## Issues

Hazardous medium to be flowed and measured safely and within operational parameters without incident

## Service provided

Designated mass measurement equipment designed for gas cap bleed off operations

Pumping equipment for well integrity testing and top-up operations

## Customer Value

Enabled the customer to better understand dynamic changes of fluid level within the annulus over time

