



ONE **STEP** AHEAD...

# Static Modelling Analysis

## Industry Challenge

- Provide leak detection analysis for a specific well
- Well has confirmed communication issues
- Analysis to be based on historical data provided

## Operational Targets

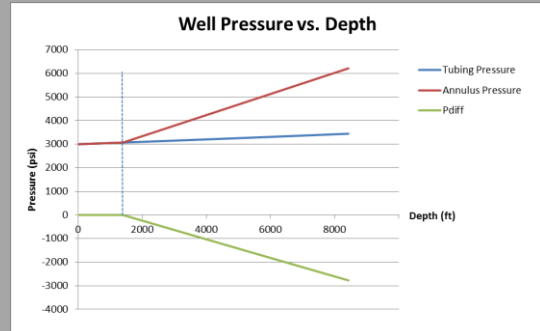
- Obtain well completion and schematic diagrams from customer
- Obtain the latest most accurate data for the analysis
- Assess and analyse data provided and analyse for location and characteristic of leak where possible

## Intervention Solution

- Work closely with the client to ensure the latest and most accurate information available is used to populate the analysis model
- Provide a detailed report based on analysis of data to give leak location and size for a specific well using the latest most accurate data
- Assist the customer with solution services to locate and seal the leak

## Conclusion

- Provided the customer with leak size and location based on information and data received



## Location

North Sea sector

## Operation Type

Leak detection modelling

## Point of interest

Leak size and location

## Issues

Well has confirmed communication between tubing and A annulus

Latest data not available at the time

Density of the medium in each vessel must be different to determine leak location

## Service provided

An analysis of the leak location and size was provided for the customer to make an informed decision on the best action to take regarding the integrity of the well

