



SERVICE DATA SHEET

LEAK DETECTION

Maintaining well integrity is critical for managing risk, extending operating life and optimising the management of wells across their lifecycle. When a leak occurs within a well, ANSA has the experience and expertise to help diagnose the issue and examine appropriate remediation options.

A leak is characterised by location and severity. These two factors determine how to best verify its existence and determine what action, if any, is available for its repair.

Leaks occur for a broad range of reasons, typically related to corrosion, erosion or mechanical failure. With any unexplained pressure increase in the annulus, a leak must be considered, and the most commonly observed leaks are caused by holes in the pipe, leaks across packers or other sealing completion elements, or wash out leaks at completion items such as side pocket mandrels, gas lift valves and poorly made up joints.

ANSA has a wealth of experience with advanced data analytics techniques for leak detection. We process, analyse and interpret data acquired with mechanical, magnetic, acoustic and ultrasonic technologies to bring clarity and in-depth insights for our clients, producing trusted intelligence that identifies leaks early, reduces remediation costs, and mitigates potential future failures.

APPLICATIONS

- Barrier leak detection in tubing, casing and completion components
- Detection of fluid flows behind pipe
- Evaluation of cross-flows
- Appraisal of sealing performance of cement barriers
- Precise identification of fluid movement depths

BENEFITS

- Diagnose tubing, casing and zonal isolation failures without pulling the completion
- Rapid and highly accurate results with ANSA's Fast Turn Around (FTA) service
- Run with complementary services such as Casing Integrity and Cement Evaluation to fully understand well integrity issues within your well



INDEPENDENT SERVICE

Our service is truly impartial.

We provide 100% unbiased data analysis and interpretation for all major service company cased hole data.

We can support your operations no matter which technology supplier or tool manufacturer is involved.

With ANSA, you get total transparency of your data.

QUALITY GUARANTEED

We have a solid track record in data analysis spanning three decades and our team of expert analysts have more than 150 years of combined experience.

So your data really is in safe and qualified hands.

All ANSA reports adhere to our stringent quality control process as part of our robust quality management system, guaranteeing excellence every time in the survey overview and objectives; data quality; processing and analysis steps; interpretation results; and field paperwork.

FLEXIBLE REPORTING

ANSA analysis products can be tailored to suit clients' individual requirements. We are happy to accommodate requests to deliver reports in a variety of file types, using specified software, and incorporating bespoke information.

FAST TURN AROUND (FTA)

Our FTA analysis is a valuable add-on that can be provided for all ANSA services to propel the progress of a project.

WE TYPICALLY DELIVER AN FTA IN A MATTER OF HOURS FROM RECEIPT OF DATA:

- Ultra-fast response, definitive results
- Actionable intelligence when clients need it
- Global on-call support 24/7, 365 days a year

We can tailor our fast response to your needs, and our experts are on hand to QC data as it is acquired, providing clients with preliminary findings in real time.

The ANSA FTA prioritises and delivers agreed objectives in an accelerated timeframe, enabling immediate decision making and action at the point of operation.