

/ Expro Excellence

Fluids

Fluid Sampling & Analysis

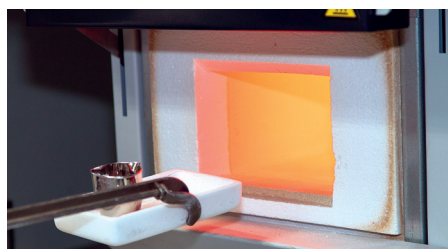
Expro consistently outperforms other laboratories in fluid analysis and proven as a supplier of choice: ranked joint 1st in Chevron's 2014 performance evaluation



Objectives

- Expro's analytical data services (ADS) team was invited by Chevron Energy Technology Centre to participate in their 2014 performance evaluation for oilfield water laboratories – the aim of the study was to assess the performance and quality of data produced by laboratories that analyse oilfield waters for Chevron's global upstream operations
- 34 laboratories (14 internal to Chevron, and 20 third-parties) took part from across the globe including: Angola, Australia, Bangladesh, Brazil, Indonesia, Kazakhstan, Nigeria, Philippines, Singapore, Thailand, UK and USA
- Participants were provided with six blind water standards for the determination of ionic composition (54 possible analyses) – in order to accommodate the various types and oilfield waters typically analysed the test materials included three low salinity waters (TDS < 10,000 mg/L) and three high salinity waters (TDS > 100,000 mg/L)
- Laboratories were required to report their samples within two weeks

Expro's ADS team completed a similar exercise for Chevron in 2013. On that occasion, Expro was one of only four laboratories out of 27 participants who completed a full suite of 66 analyses and were ranked 1st with a performance rating of 98.5%.



Expro Excellence

- Expro's ADS team tested all the samples provided using standard, in-house test methods in the same manner as routine client samples (i.e. using standardised procedures) and completed all 54 analyses
- All analyses were carried out at the Expro ADS laboratory in Chandlers Ford, UK
- 52 of the analyses were carried out using ISO 17025 accredited test methods
- Expro were ranked joint 1st with a performance rating of 98.1% (based on completed analyses and data reported)

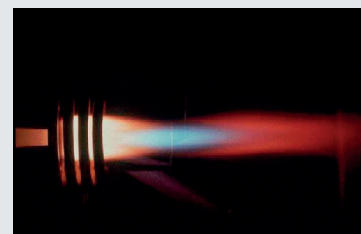
Value to client

- Chevron's study verifies the expertise in water chemistry and the ability of the ADS laboratory to generate consistently accurate and technically valid results for oilfield waters



Chevron recognises that the provision of accurate, reproducible and high-quality oilfield water data is critical for reservoir production.

- Expro was one of only five laboratories who completed the full suite of 54 analyses
- Ranked joint 1st by Chevron with a performance rating of 98.1%
- Based on 2013 and 2014 results, Expro consistently outperforms other laboratories



Contact

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