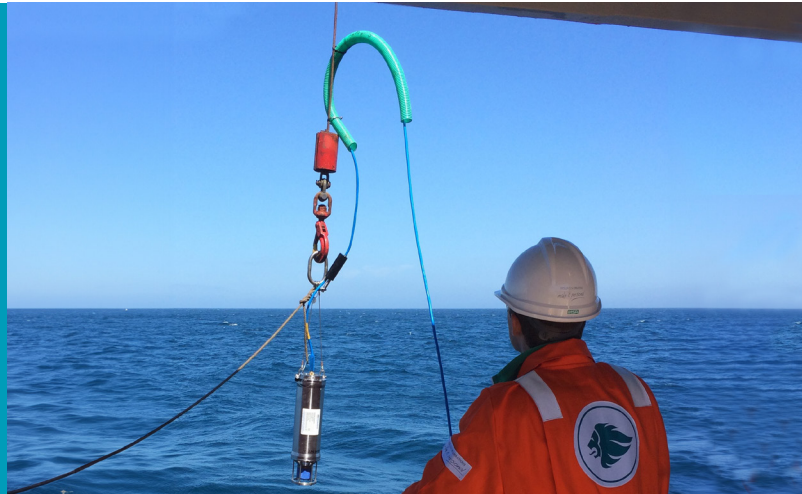


Expro Excellence

Wireless Integrity Monitoring in deep water subsea well to meet suspension regulations

Well Flow Management | Wireless Well Solutions



Objectives and background

- Our Client Petrobras required to confirm barrier integrity for a well located in the Campos basin, offshore Brazil
- Industry regulations required that integrity monitoring was in place to extend the temporary suspension status for the well
- If the temporary well suspension could not be extended the client would be required to perform a costly well intervention with a deep-water rig to fully P&A the well

Expro Excellence

- Expro was contacted to see if there was a possible solution to use the CaTS system previously installed in the well to now provide well integrity data
- Expro previously installed a Multi Gauge and Repeater CaTS system into the well which achieved the initial monitoring objectives and was no longer being utilized by the client
- The client needed to obtain pressure and temperature data from below an upper barrier plug below which the CaTS repeater station was installed to confirm the well integrity
- Expro's solution was to wirelessly re-purpose the repeater station as a monitoring position in the well and recover to surface pressure and temperature data via the systems duplex communication
- The proposed solution was fully tested onshore by the local team and then successfully executed offshore, and data provided to the client

Value to the client

- Significant cost savings were realized for the customer as they took advantage of an already installed CaTS system to meet the monitoring objectives versus a costly offshore intervention to P&A this single well
- The total cost of data upload operation was under 5% the estimated full P&A intervention cost
- The client was able to defer the future P&A intervention for this well for a few years allowing them to avoid breaking into rig schedules impacting other operational priorities

Reduction of rig time



Cost saving

