

## COILED TUBING & PUMPING

# INNOVATIVE SCALE SQUEEZE COMPLETED FROM FPSO

Country: UK  
Year: 2015  
Technologies: **Fluid Pumping and Mixing**

MAKING INTERVENTION  
**SMARTER**

World's largest squeeze completed on subsea well from FPSO, removing the need for a LWIV.

- Altus provides innovative solution for 50,000BBL treatment

## CHALLENGE

Scale build up in a wellbore and the associated production tubing was affecting production on a subsea well. As such, a treatment had to be designed to remove the scale build up as efficiently and economically as possible to allow the well to be returned to its maximum potential production rate.

## SOLUTION

Working with the operator, the Altus Intervention engineering team devised an involved approach that eliminated the use of a LWIV. The LWIV provides a common method for pumping scale squeeze treatments on subsea wells, however, it comes with obvious economic draw backs. As such, the engineering team dictated that the scale squeeze equipment and chemicals be rigged up on the Anasuria FPSO. The 50,000bbl treatment, noted to be the world's largest scale squeeze at the time, was then mixed and pumped directly from the FPSO topsides through a 5.6km pipeline to the target well.

## RESULTS

In carrying out the operation as agreed, Altus Intervention were able to assist in reducing overall project lead time and hence provide a significant cost reduction. The project was completed to schedule and on budget, with no accidents or incidents and has successfully increased field production.

