

Expro Excellence

Expro enables fast track production improvement of deep-water subsea wells

Subsea



Objectives and background

- ENI had a requirement for a subsea well intervention program in order to improve the production of the deep-water Abo field in Nigeria. The two targeted wells had ceased producing effectively due to sand and water production issues
- ENI and Expro worked to deliver an efficient and safe operation to access the subsea wells allowing remediation work to be safely carried out to recommence production from these key wells
- The particular challenges were fitting the interventions into an uncertain rig schedule necessitating a short call off window. ENI wished to conduct the interventions “back to back” so an optimised equipment configuration had to be put in place to interface with two different subsea production trees. In addition, ENI wanted to install the tubing hanger into the production tree in the moon pool however there was no spare tubing hanger running tool (THRT) to carry out the operation apart from the ones on the SSTTAs

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- Due to the deep-water operations, rapid valve activation was required therefore Expro’s Express EH control system was utilised
- Expro has an excellent inventory of completion landing string equipment in Nigeria, which allowed the pre-configuration of two SSTTs enabling the equipment to be set up for both wells prior to the operational call off, without requiring re-configuration of the subsea EH control system or top side control systems

Value to the client

- The equipment for the two wells and different operating modes was delivered to the rig with a one week call off notice
- In total there were 8 SSTTA deployments required during the two wells due to complications outwith the Expro equipment to enable a successful work over program
- Operations were efficiently conducted with 100% uptime and zero safety incidents
- Expro’s unique ELSA technology allowed all operations to be carried without any equipment maintenance activities offshore maximising rig efficiency

Customer highlights

- ENI rated Expro as the best service company that participated in the Abo project and the feedback ranked Expro at 96% in the performance evaluation
- Particular note was Expro’s positive attitude to HSEQ culture, which had an impact across all rig operations
- Expro’s experienced subsea team in Nigeria has successfully supported ENIs deep-water operations on Abo since 2008
- Expro look forward to providing life of field services on Abo and contributing to ENIs future developments



Quality standard



Contact

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