

MUTLI-STRING TRIPLE BORE SURFACE WELLHEAD CUTTING

World first single trip triple bore well cutting delivered by xcalibre

claxton
cutting through complexity

The Challenge

Claxton was engaged by an operator in Thailand to execute the severance of a complex, multi-string triple-bore surface wellhead on a monopod platform as part of a Plug & Abandonment (P&A) campaign. The operation was performed in approximately 76m of water depth using a fully rigless methodology, incorporating a single-trip abrasive cutting solution.

Wellhead Configuration:

- Wellhead Type: Multi-string, triple-bore surface wellhead
- Well Configuration: Cemented 3 x 9-5/8" and 3 x 13-3/8" casings within a 36" conductor

This highly congested configuration presented a technically demanding severance scope. Precise tool alignment, controlled cutting performance, and comprehensive risk management were critical to ensure a safe and successful operation within tight spatial constraints.

The Solution

Claxton deployed its proven xcalibre Abrasive Cutting Solution, supported by dedicated project management and more than 30 years of experience delivering solutions for complex and unconventional offshore challenges.

Single-Trip Triple-Bore Severance

A single-trip methodology eliminated the requirement for multiple tool runs, significantly reducing offshore execution time and lowering overall operational complexity.

Rigless Execution

By removing the need for a drilling rig, Claxton minimised rig exposure, reduced costs, and enhanced overall P&A campaign efficiency.

Controlled OBM (Oil Based Mud) Management

The cutting system facilitated controlled recirculation of well fluids during severance, ensuring effective containment, environmental protection, and full regulatory compliance.

Integrated Delivery from a Single Regional Base

Leveraging in-house engineering expertise, Claxton supplied all services, equipment, and personnel from one regional hub. This streamlined logistics, reduced interface risk, and simplified project execution for the operator.

Well configuration at surface



xcalibre tool tested pre-deployment



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The Result

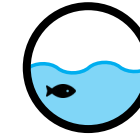
The campaign was completed safely, efficiently, and in full alignment with the planned schedule, with zero safety incidents and no environmental impact. The single-trip abrasive cutting methodology performed exactly as engineered, delivering a clean and controlled severance across all three bores in one deployment.

By eliminating multiple tool runs and removing the requirement for a drilling rig, the operator achieved a significant reduction in offshore time and associated costs. The streamlined execution minimised operational risk, reduced vessel exposure, and enhanced overall campaign efficiency.

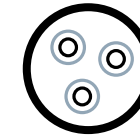
The controlled management of OBM and well fluids ensured full regulatory compliance while maintaining the highest environmental standards, providing confidence to both the operator and regulatory stakeholders.

This project successfully demonstrated the viability and value of rigless well severance in a highly constrained triple bore configuration. It established a new benchmark for complex well decommissioning operations in the region and further strengthened Claxton's reputation as a trusted partner capable of delivering innovative, safe, and efficient solutions for challenging offshore P&A campaigns.

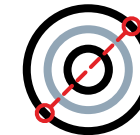
The Project in Numbers



76m Water Depth



Triple Bore Well Configuration

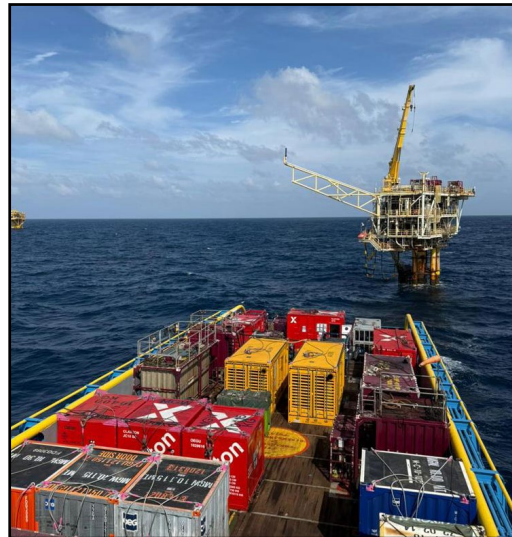


36" Conductor with
3 of 9 5/8" x 13 3/8"

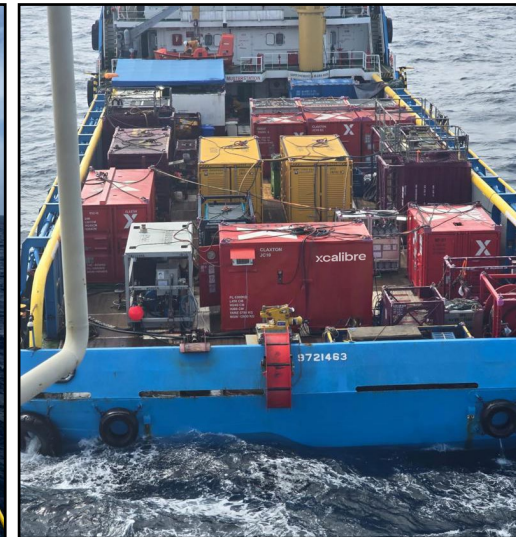
Completed cut on triple bore well



xcalibre deck spread and satellite platform



xcalibre equipment on deck during deployment



xcalibre equipment on deck during operation

