

CUTTING-EDGE SOLUTION FOR PLATFORM DECOMMISSIONING PROJECT IN BRAZIL

Claxton, a Cutting and Decommissioning brand in Acteon's Energy Services division was contracted to provide expert decommissioning services and personnel for a major operator's first fixed platform decommissioning project in Brazil, offshore the coast of Espirito Santo.

THE CHALLENGE

A cutting and recovery solution was required for three fixed platform jackets and five platform wells. Work was to be carried out in the middle of the COVID-19 pandemic bringing a range of unprecedented travel and supply chain challenges.

CUSTOMER GOAL

Remove three platform jackets and five platform wells from the field.

OUR SOLUTION AND ITS COMMERCIAL BENEFITS TO THE PROJECT

Develop market-leading services and integrated solutions

- Claxton supplied and operated its market-leading abrasive multi-string cutting system (MSC) system, which was lowered into the inside of the well column, and used to cut 20" and 30" casings, approximately three meters below the seabed. The tool sealed the environment, removed the water, and created a positive differential pressure making a precise 360-degree cut through the inside of the cemented casings.
- The internal pipe cutting tool (IPC) was utilised to cut the legs and other structures of the jacket with diameters of 30" and 24" and thickness from 1" to 2".

Work at scale with a proven track record for delivery

- With a global track record of 1,400 wells decommissioned, more than 3,500 specialised cuts and 650+ subsea platforms and structures removed, Claxton could apply its expertise to this complex decommissioning project.
- The experience gained from Claxton's track record for abrasive cutting and recovery of wellheads was applied during the project to provide an effective solution to cut and recover the ageing infrastructure.

Optimise the project to increase commercial value

- Operations were performed from the derrick barge, a heavy lift construction support vessel which was part of the engineering, preparation, removal and disposal (EPRD) consortium.
- Operated from a crane vessel, the solution used did not require the use of ROVs or divers, improving safety and reducing project footprint and duration.
- The work scope was completed on schedule to ensure that the customer did not encounter any additional vessel time.

THE RESULT

27 specialised cuts were performed on platform piles and legs, with diameters of 20", 24", and 30".

