



13 WELLS. 26 CUTS.
Fully Operational Cut After Cut

Tubing Cut Operation for Major North Sea Platform Abandonment

Scope of Project

Westerton was called in to assist a major North Sea operator with their platform abandonment campaign; this focused on 13 wells abandoned Thru-Tubing. Pre-cut, each well had been secured with cement plugs and verified hydrocarbon free.

We worked hand in hand with a global wireline provider to undertake two cuts per well (offline from the rig) in the 5.50" completion tubing. The first cuts were performed just below the Safety Valve while the second cuts took place in the blast joint below the tubing hanger.

The production tree and tubing hanger (complete with tubing stump) were then removed from the well by the platform crane. The cut section of tubing was recovered by the rig after completion of the remaining abandonment sequence.

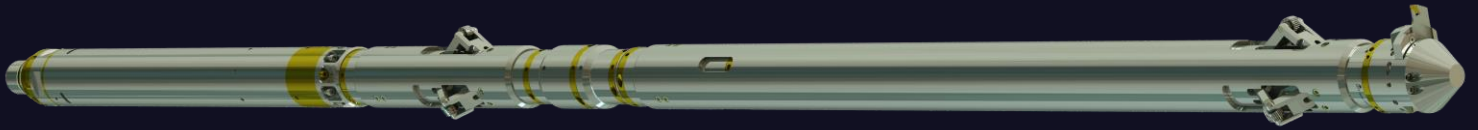
Challenges Overcome

After conducting the first cuts it became apparent that the 5.50" completion tubing was under significant tension – when cut, the recoil of the tubing caused the anchor emergency release to trip. The Westerton onshore engineering support team quickly implemented a solution and avoided downtime.

Cuts had to be performed back to back in all 13 wells, meaning any downtime would have added significant cost to the client's already expensive abandonment campaign.



3.00" WESTERTON ELECTRIC CUTTING TOOL (WECT)

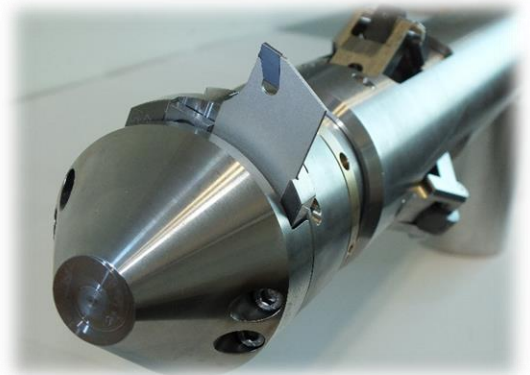


Speed ■ Precision ■ Accuracy ■ Reliability

WECT – Cutting Out the Complexity

The Westerton operator successfully executed all 26 cuts using just one set of WECTs (i.e. 1 primary tool and 1 backup tool). The cutting system performed again and again for every cut across every well:

- Our operations encountered zero NPT and we completed our cuts well within the client's strictly designated timeframe
- The WECT head configurations gave our client the option to cut anywhere between 2.99" and 6.10" OD; in this case comfortably cutting 5.50" 17 lb/ft tubing
- The WECT is also able to cut pipe under compression
- Our clients do not require explosives to utilize our tools



All Wells Ended Well

- **26 cuts performed successfully across 13 wells – 2 cuts per well**
 - ✓ Shallow cuts made at 51ft (16m)
 - ✓ Deeper cuts made at various depths circa 3,532ft (1077m)
- **We saved our client around 1.5 days per well,**
 - ✓ Significantly reduced their originally predicted schedule
- **Zero injuries, unsafe incidents or NPT occurred on cut operations**



Please visit <http://www.westerton.com> for further information