

WellGear

Brent Charlie Conductor Recovery Campaign

As decommissioning experts in our own right, EXCEED can assist our industry colleagues' operations through application of our unrivalled experience in this field.

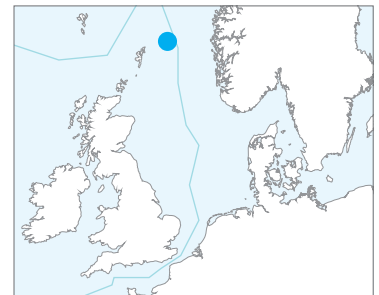
With a vast data history available, we drive the safe, efficient and cost-effective decommissioning outcomes. Our experience and supply chain network allows us to assess the optimum method of compliant abandonment and bring the industry's most experienced personnel and relevant equipment to the campaign.

The Situation and Outcomes

After the successful completion of AB2 abandonment of all wells on the Brent Charlie, EXCEED's industry colleagues, WellGear, commenced a campaign to recover/make safe the remaining conductors prior to topside removal.

EXCEED entered the ongoing conductor recovery campaign to provide expertise which would result in the following deliverables:

- Recovery of fourteen conductors from approximately -22m LAT
- Installation of 22" heavy wall casing as a support structure in 13 wells
- Installation of 18" heavy wall casing in one well
- All wells required removal of 13-3/8" and 20" casing string to at least -22m LAT



LOCATION

UKCS Northern North Sea



EFFICIENCY

Well completion time reduced by up to 75%



INNOVATION

Commissioning new technology



HSE

Zero LTIs



ENVIRONMENT

Zero spills



Challenges

- Damaged conductors
- Damaged casing strings
- Debris present in annuli
- Cement present in annuli
- Incomplete record keeping of historic work performed on the wells and high likelihood of unusual problems requiring unique solutions
- Short timeframe allotted

What we did

EXCEED input succeeded in reducing each well completion time from one month, to 7 – 14 days. This was the result of:

- **Innovation:** EXCEED commissioned and advised upon design and manufacture of unique 26-3/4" string mill
- **Operations:** provided wellsite leadership
- **Confidence:** understood the unforeseen challenges, predicted outcomes and confirmed decisions were correct
- **Sharing:** assisted in writing and review of programme from draft to sign-off stage, and provided WellGear and Shell with knowledge of similar platform conductor recovery to enhance future decom workscopes



Result

Our decommissioning expertise resulted in:

- Reducing well completion time to up to 75%
- 14 x conductor recovery from approximately -22m LAT
- 13 x installation of 22" heavy wall casing as support structure
- 1 x installation of 18" heavy wall casing
- 15 x removal of 13-3/8" and 20" casing string to at least -22m LAT



Enhancing
SAFETY



Preserving
ENVIRONMENT



Assuring
INTEGRITY



Improving
EFFICIENCY



Reducing
COSTS



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