



OFFSHORE P&A - HWU AND LIFTBOAT

Optimize cost savings

BACKGROUND

The platform was located in the German part sector of the North Sea in shallow water. The platform supported a single 3200m deep gas production well which was drilled and completed in 1991.

OBJECTIVE

The objective was to Plug & Abandon this single gas production well and to remove the surface casing, conductor and wellhead.

EXECUTION

- HWU in combination with a lift boat was selected for this P&A project because of the best cost/quality ratio for this well.
- HWU and BOP's were rigged up directly on top of the wellhead and an access platform was made for easy and safe access.
- The completion was removed and a CBL was conducted to verify casing cement.
- Cements plug were set on top of mechanical bridge plugs.
- 7-5/8" production casing was cut using a mechanical rotational cutter and retrieved by using a casing spear.

- 9-5/8" casing was cut and retrieved by using an explosive cutter and spear.
- HWU was rigged down.
- 13-3/8" casing was retrieved with a small Jacking system and 30" casing was retrieved using the platform crane.



RESULTS

- The well was successfully plugged. All cement plugs were positively tested during the first test.
- The HWU operation was completed in 24 days (Incl; NPT, waiting on -weather, -parts and -decisions, maintenance, Rig Up/Down time, etc).
- Zero incidents and accidents.