

Weatherford®

REAL RESULTS

Shallow-Angle QuickCut[™] Casing Exit System Performs Exit Through Dual Casing Strings, Saves Rig Time on Offshore Platform

Objectives

- Perform a single-trip casing exit through dual casing strings, including 30 ft (9 m) of open hole with an uncemented inner casing string.
- · Minimize rig time and associated expense.

Results

- The 9 5/8-in. casing was perforated to gauge the suitability of performing a cement squeeze into the uncemented "B" annulus.
 Results suggested a successful cement squeeze was unlikely and a decision was made to continue with the casing exit.
- Weatherford's 9 5/8-in. shallow-angle QuickCut casing exit system with RHS-type anchor were deployed.
- The whipstock was set at 6,520 ft (1,987 m) and the window and 30-ft rathole were completed in 9 hr without losses, providing the operator with the confidence to continue drilling.
- The entire milling assembly (lead, secondary and steering mills)
 was within acceptable gauge tolerance following completion of the
 milling event through uncemented casing strings.
- Gauge retention eliminated the need for additional mill runs typically associated with milling in uncemented tubulars.

Value to Client

 Weatherford's shallow-angle QuickCut casing exit system enabled the operator to successfully perform a casing exit through multiple uncemented casing strings in one run, mitigating losses and saving approximately 24 hr rig time.



The use of Weatherford's dual-string casing exit enabled the operator to successfully perform a casing exit through two casing strings in one run with the uncemented inner casing string, breathing new life into mature assets.

Location

UK Sector, North Sea

Well Type

Offshore platform

Casing Size

- 9 5/8-in., 47-lb/ft L80
- 13 3/8-in., 68-lb/ft N80

Setting Depth

6,520 ft (1,987 m)

Products/Services

- Shallow-angle QuickCut casing exit system
- RHS-type packer anchor

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