



Weatherford®

REAL RESULTS

QuickCut™ Casing Exit System Sidetracks Well, Saves Offshore Production Platform Slot

Objectives

- Sidetrack an offshore well through 18 5/8-in. casing. The well had an 8° dogleg between 1,246 and 1,312 ft (380 and 400 m) and severe doglegs of 9.3° to 13° + between 3,018 and 3,083 ft (920 and 940 m). The well also lacked casing integrity below 3,002 ft (915 m).
- Because the operator was working on a production platform with a limited allocation of drilling slots, recovering this slot would be essential to completing the well.

Results

- Weatherford's 18 5/8-in. hydraulic *QuickCut* milling system was chosen to sidetrack the well.
- The system's modular design allowed for quick air mobilization from Norway to Singapore.
- Because the standard 18 5/8-in. system is not designed to pass through doglegs of 8° or greater, Weatherford manufactured a hydraulic running tool that would allow the whipstock to orient and reach setting depth, and then come out of the hole to complete the sidetrack.
- To deliver this system within the time allocated by the operator, work was coordinated between Weatherford's Singapore engineering and operations personnel and their Houston counterparts.
- The whipstock was run, oriented, and set at the correct depth without incident, allowing the sidetrack to be milled and the well to be completed.

Value to Client

- The operator was able to save the slot on the production platform and complete the well.



The versatile, field-proven *QuickCut* casing exit system combines a single-trip, full-gauge milling system with multiple anchor options. The results are faster, more reliable exits with reduced rig-floor time and increased penetration rates.

Client

Major operator

Location

Offshore Malaysia

Well Type

Production platform

Whipstock Orientation

30° left of high side

Hole Angle at Setting Depth

80°

Casing Size and Type

18 5/8-in., 87.5 lb/ft, K-55 buttress

Setting Depth

2,864 ft (873 m)

Product/Services

QuickCut casing exit system