



Weatherford®

REAL RESULTS

QuickCut™ Casing Exit System with MultiCatch™ Anchor Creates Exit Window in 17 7/8-in. Casing, Returns Rig to Operational Status

Objectives

- Create a sidetrack to bypass an obstruction in a deepwater exploratory gas well. The rig was shut down after unsuccessful fishing operations. The challenge was that the industry does not offer whipstock equipment to create a 16 1/2-in. casing exit out of 17 7/8-in., 105-lb/ft casing.

Results

- Weatherford was uniquely qualified to provide a 14-in. whipstock with 14 3/4-in. mills that would fit inside the 17 7/8-in. casing. As this whipstock assembly was designed for 16-in. casing, Weatherford flew in equipment from Canada and Dubai for final assembly of a custom assembly in Egypt.
- Subsequent milling assemblies were used to enlarge and elongate the casing exit window to 16-1/2 in. from the original casing exit size of 14-3/4 in.
- The operator successfully drilled ahead with a 16 1/2-in. polycrystalline diamond cutter (PDC) bit.

Value to Client

- Weatherford's ability to rapidly modify and ship specialized equipment saved downtime and enabled the operator to quickly return the rig to service.



The innovative high-expansion *MultiCatch* whipstock anchor provides unmatched operational flexibility and risk mitigation capability. This versatile device can anchor and interchange with all Weatherford concave assemblies that lock to the casing wall for window milling operations. Mechanically or hydraulically actuated, the *MultiCatch* anchor can catch multiple casing sizes and weights.

Location

Mediterranean Sea

Well Type

Offshore, vertical exploratory

Rig Type

Semi-submersible

Casing Size

17-7/8 in., 105 lb/ft

Casing Grade

L-80

Casing Connection

Hydril 521

Depth of Casing Exit

10,055 ft (3,065 m)

Products/Services

- Re-entry services
- *QuickCut* casing exit system with *MultiCatch* anchor

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