



Weatherford®

REAL RESULTS

Shallow-Angle QuickCut™ Casing Exit System with Hydraulic MultiCatch™ Anchor Sets, Mills, and Drills Under Total Loss of Circulation Fluids

Objectives

- Open a casing string window in an area with a total loss of circulation.
- Drill a rathole to continue the directional drilling operation.

Results

- The operator deployed Weatherford's shallow-angle *QuickCut* casing exit system with a RHN-type anchor.
- The hydraulically actuated *MultiCatch* anchor was successfully set at 7,341 ft (2,238 m).
- A 19-ft (6-m) window was successfully milled through the 9 5/8-in., 53.5-lb/ft casing and a 32-ft (10-m) rathole was drilled in a single trip. The milling BHA wear showed less than 1/8 in.

Value to Client

- Using Weatherford's shallow-angle *QuickCut* system with a hydraulic *MultiCatch* anchor enabled the operator to mill an extended casing window through the casing and drill a short rathole under total loss of circulation.
- The patented AccuSet™ hydraulic actuation system provided complete operational control in a fluid loss situation mitigating the need of remedial work to contain the thief zone.
- The open-ended circulation through the *QuickCut* lead mill provided the operator complete well control at all times.



Weatherford's shallow-angle *QuickCut* casing exit system's single-trip design and the high-expansion *MultiCatch* anchor provided the operator with unmatched flexibility, creating an exit window and a rathole in a total loss of circulation area and saving rig time and associated costs without additional drilling operations.

Location

Gulf of Mexico,
Campeche, Mexico

Rig Type

Platform

Formation

Dolomite

Wellbore Inclination

20°

Well Type

Offshore, oil producer

Setting Depth

7,341 ft (2,238 m)

Whipstock Orientation

58° RHS

Casing

9 5/8-in., 53.5-lb/ft P-110

Products/Services

- Re-entry services
- Shallow-angle *QuickCut* casing exit system
- *MultiCatch* hydraulically actuated anchor

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