

Weatherford[®]

REAL RESULTS

Shallow-Angle QuickCut[™] Casing Exit System with Hydraulic MultiCatch[™] Anchor Creates Exit Window Through Two High-Grade Casing Strings

Objectives

Open a window through two high-grade casing strings in one trip.
 The operator required one trip to keep costs down and maintain current drilling operations.

Results

- The operator deployed Weatherford's shallow-angle QuickCut
 casing exit whipstock system with an RHN-type whipstock, a
 10-in. OD MultiCatch casing exit system anchor, and a 10 5/8-in.
 OD milling bottomhole assembly (BHA).
- The QuickCut system with a hydraulically actuated MultiCatch anchor was successfully set at 6,591 ft (2,009 m) with a 60° leftside orientation.
- A full-gauge, full-length window was successfully milled through the 11 7/8-in., 71.8-ppf, TAC-110 casing and the 13 3/8-in., 68-ppf, TAC-110 casing in one trip.
- An additional 39-ft (12-m) rathole was drilled.
- The milling operation lasted 13-3/4 hours and, upon inspection at the surface, the mill showed wear of less than 1/8 in.
- The operator ran an RSS drill through the window.

Value to Client

- Weatherford's QuickCut system with a hydraulic MultiCatch anchor produced a clean exit that enabled the operator to continue directional drilling operations.
- Using the shallow-angle QuickCut system with a hydraulic MultiCatch anchor helped the operator avoid window milling and reaming operations, thereby saving significant rig time and associated costs.



The shallow-angle *QuickCut* casing exit whipstock system's single-trip design and the high-expansion *MultiCatch* casing exit system anchor provided unmatched operational flexibility. This combination created an exit window through multiple high-grade casing strings, saving rig time and associated costs without additional drilling operations.

LocationGulf of Mexico

Well Type Offshore, re-entry

Casing

11 7/8-in., 71.8-ppf TAC-110 13 3/8-in., 68-ppf TAC-110

Anchor Setting Depth 6,591 ft (2,009 m)

Products/Services

- · Fishing and re-entry services
- Shallow-angle QuickCut casing exit whipstock system
- MultiCatch casing exit system anchor

Weatherford
Josue M. Dominguez
Operations Supervisor Engineer
Mexico Marine Region
josue.dominguez@la.weatherford.com

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