



Weatherford®

REAL RESULTS

Shallow-Angle QuickCut™ Casing Exit System, MultiCatch™ Anchor Create Exit Window, Enable Operator to Resume Operations

Objectives

- Open a window through the casing string in a well that had cementing problems. This operation was required to be done in one trip in order to continue with the current drilling schedule.

Results

- Weatherford deployed a shallow-angle *QuickCut* casing exit system with a hydraulic *MultiCatch* whipstock anchor system and a 12 1/4-in. OD milling bottomhole assembly (BHA).
- The *QuickCut* system was successfully set at 10,425 ft (3177 m) with a 45° left-side orientation.
- A full-gauge, full-length window was successfully milled through the 13 3/8-in., 72-lb/ft (107.3-kg/m) P-110 casing in a single trip.
- An additional 14-ft (4-m) rathole was drilled.
- The milling operation lasted 8.5 hours and, upon inspection at the surface, the mill showed wear of 1/8 in. (3.175 mm).

Value to Client

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



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

Location

Venezuela

Well Type

Onshore, re-entry

Casing Size

13 3/8 in., 72-lb/ft (107.3-kg/m)

Casing Grade

P-110

Anchor Setting Depth

10,425 ft (3177 m)

Products/Services

- Shallow-angle *QuickCut* casing exit system
- *MultiCatch* whipstock anchor

Weatherford
Erick Barrios
Thru-Tubing, Fishing &
Re-Entry Services - Venezuela
erick.barrios@la.weatherford.com