

REAL RESULTS

QuickCut[™] Casing-Exit System Reduces Rig Time in First Use in Colombia

Objectives

Increase production by establishing a lateral in an existing vertical wellbore.

Results

 Weatherford's hydraulically set QuickCut whipstock system with a QuickSet[™] anchor was used to successfully mill the window in one trip. This project represented the first use of the QuickCut system in Colombia.

Value to Client

 Use of Weatherford's casing-exit system saved the operator time and money by reducing rig time.



The operator was pleased with the performance of the *QuickCut* system and commented on the ease with which the directional drilling string passed through the window.



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 in even the most challenging environments.

Client Ecopetrol Colombia

Location Onshore Santander Field

Well Type Re-entry

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

Setting Depth 10,030 ft (3,057 m)

Milled and Drilled Length 21 ft (6 m)

On-Bottom Time 11 hours 50 minutes

Products/Services

- Fishing and re-entry
- Hydraulic QuickCut whipstock system with QuickSet anchor

Weatherford International Ltd. 515 Post Oak Blvd., Suite 600 Houston, Texas 77027 USA Tel: 713-693-4000 weatherford.com

Ecopetrol Colombia Juan Velasco, Drilling Leader juan.velasco@ecopetrol.com.co German Garcia, Drilling Coordinator german.garcia@ecopetrol.com.co

Weatherford Juan Carlos Valverde Fishing and Reentry Services Coordinator juan.valverede@weatherford.com Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford. Specifications are subject to change without notice. Weatherford sells its products and services marks accordance with the terms and continons set forth in the applicable contract between Weatherford and the client.