



Weatherford®

REAL RESULTS

OverDrive™ System with TorkDrive™ Compact Tool Enables Operator to Overcome Restrictions to Achieve TD in Apiay Field, Colombia

Objectives

- Run 9 5/8-in. casing through numerous restrictions and trouble zones to achieve target depth (TD).
- Perform the operation safely and efficiently.

Results

- Weatherford deployed its *OverDrive* casing running system with a *TorkDrive* Compact ICT tool.
- Restrictions were encountered at 6,700 ft (2,042 m), requiring the operator to rotate, circulate, and reciprocate with string-rotation torques from 19,000 to 28,300 ft-lb (2,627 to 3,913 m-kp), increasing rpm from 57 to 92.
- Circulation of 350 gal/min (1,325 L/min) at 1,000 psi was required with slackoff of 280,000 lb (127,273 kg) after reaching 10,050 ft (3,063 m).
- The *OverDrive* and *TorkDrive* systems operated for 97.5 hours continuously—81 of which were rotation, circulation, and reciprocation—to reach TD.
- The operation was completed successfully without any reported safety incidents.

Value to Client

- The combination of the *OverDrive* casing running system and the *TorkDrive* Compact tool enabled the operator to overcome restrictions and trouble zones while applying the required torque values to achieve TD.
- The remotely operated *OverDrive* system eliminated the need for a stabber and power tong operator on deck, enhancing operational safety.



The remotely operated *TorkDrive* Compact ICT tool enabled the operator to reach TD during a casing running job through several trouble zones.

Location
Colombia

Well Type
Onshore, oil producer

Field
Apiay

Hole Size
12-1/4 in.

Run Length
10,900 ft (3,322 m)

Casing
9 5/8-in., 47-lb/ft P-110 BTC

Products/Services

- *OverDrive* casing running system
- *TorkDrive* Compact ICT tool
- Weatherford reamer shoe
- Torque rings

Weatherford
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