



Weatherford®

REAL RESULTS

OverDrive™ system with TorkDrive™ Compact™ ICT ran casing to TD, ended severe losses in challenging well

Objectives

- Run a 9 5/8-in. BTC casing string to total depth (TD) of 5,700 ft (1,737 m) in a vertical well in which the operator was experiencing severe losses plus sticky hole conditions while tripping out.
- Enhance rig performance by increasing the average casing-running speed and reducing the number of required wiper trips.
- Increase rig floor safety and eliminate direct physical contact of operation personnel with heavy machinery and casing joints.

Results

- The Weatherford OverDrive casing, running, and drilling systems—represented by the TorkDrive Compact ICT and a third-party reamer shoe—were used to run the 9 5/8-in. casing to TD.
- In the difficult hole conditions, TD was achieved in 33 hours of nonstop operation. The Weatherford team urged using OverDrive features such as rotating and pushing down the casing during the last 1,450 ft (442 m, 37 joints) while progressively circulating and reciprocating for more than 16 hours.
- Sealing integrity was confirmed for all casings that were run, and all connections were checked and approved. No connections were backed out or rejected.

Value to Client

- The driller and rig crew easily adapted to the mechanized system, and the hole was cased securely to TD without incident.
- Use of the OverDrive system and TorkDrive Compact ICT increased rig floor safety by eliminating direct physical interaction of personnel with heavy machinery and casing joints.
- Pleased with the success of this job, the operator recommended future use of this Weatherford system with the Weatherford reamer shoe, SpiraGlider® and BTC torque rings.



The Weatherford OverDrive casing running and drilling system used with the TorkDrive tool combines the functions of power tongs, elevator, fill-up circulation tool, and bails. This technology provides safer, faster tubular makeup and breakout without thread damage.

Location
Libya/MENA

Well Type
Onshore

Hole Size
12-1/4 in.

Depth
5,700 ft (1,737 m)

Flow Rate
200 gpm

Products/Services

- OverDrive system
- TorkDrive Compact ICT
- SpiraGlider centralizer system

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