



Weatherford[®]

REAL RESULTS

OverDrive™ Casing Running and Drilling System with TorkDrive™ 750 HD Tool Overcomes Hole Problems at More Than 9,000 Ft

Objectives

- Run 9 5/8-in. casing in a well with unstable formations and anticipated problems of reaching TD. The operator's two previous attempts to drill the 12 1/4-in. hole section after sidetracking were unsuccessful as a result of the bottomhole assembly becoming stuck at 9,000 ft (2,743 m) in an unstable formation.
- Achieve zero-incident health, safety, and environmental performance.

Results

- Casing was successfully run to TD. With its ability to rotate, reciprocate, circulate, and push down the casing, Weatherford's *OverDrive* system and its *TorkDrive 750 HD* tool provided the gear required to overcome hole problems expected after the 9,000-ft depth mark.
- No reportable safety or environmental incidents occurred.

Value to Client

- Use of the *OverDrive* system allowed the operator to complete the problematic well and put it on production without further nonproductive time.
- The *OverDrive* system enhanced safety by reducing crew size and risk exposure through the remotely controlled performance of multiple functions: single-joint elevator and bails that eliminate the need for a stabber in the derrick; weight compensation; tubular makeup; fill-up and circulating; and reciprocating and rotating the casing string.

NEW VAM is a registered trademark of Vallourec Mannesmann Oil & Gas France Corporation.

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RWE's first *OverDrive* system run was successful, with no reportable incidents. The operator chose the *OverDrive* system and its *TorkDrive 750 HD* (heavy-duty) top-drive casing running, reaming, and drilling tool to overcome the formation challenges this well presented and help drive the casing through trouble zones.



Location

Nile Delta, Kafr El-Shiekh, Egypt

Hole Angle, Depth and Size

12-1/4 in., 34° deviation, 10,500 ft (3,200 m)

Rig

Crosco National 2

Casing

- 9 5/8-in. 47.0-lb/ft Buttress L-80
- 9 5/8-in. 47.0-lb/ft NEW VAM[®] L-80
- 9 5/8-in. 53.5-lb/ft NEW VAM P-110

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