



Weatherford®

REAL RESULTS

OverDrive™ System with TorkDrive™ Compact Tool Enables Operator to Overcome Losses and Achieve TD Safely, Efficiently on First Run

Objectives

- Run and ream the 9 5/8-in. premium casing inside the 13 3/8-in. casing while overcoming the expected losses and hole issues to achieve total depth (TD) on the first run.
- Enhance safety by eliminating the manual handling of tubulars associated with conventional casing-running equipment.

Results

- Weatherford deployed the remotely operated *OverDrive* system, featuring the *TorkDrive* Compact ICT-TS tool, which eliminated the need for a stabber and conventional equipment, such as the makeup tong, main hoisting elevator, and fill-up and circulation tools.
- The *TorkDrive* tool enabled the operator to run and ream a total of 246 casing joints and achieve TD at 10,000 ft (3,048 m) in 15 hours, with an average of 16 joints per hour, while the integrated TorkSub™ electronic load cell monitored the applied torque of 14,500 ft-lb (64,499 N·m).
- The operation was performed safely and without hole issues, as was the subsequent cement job.

Value to Client

- Weatherford's *OverDrive* system enabled the operator to overcome all losses and hole issues and achieve TD in one time-saving run, without the need for extra wiper trips or contingency casing strings.
- The remotely operated *OverDrive* system eliminated conventional casing-running equipment and the stabber, thus minimizing rig-floor and stabbing-board risks to enhance personnel safety.



Weatherford's *OverDrive* system, including the *TorkDrive* tool, minimized personnel risk exposure in comparison to conventional equipment, and enabled the operator to reach a TD of 10,000 ft (3,048 m) in a single run without losses or hole issues.

Location

Saudi Arabia

Well Type

Onshore, gas

Hole Size

12 in. (304.8 mm)

Casing Type and Size

9 5/8-in., 43.5-ft/lb Hydril® 563

Setting Depth

10,000 ft (1,906 m)

Run Length

10,000 ft (3,048 m)

Products/Services

- Tubular running services
- *OverDrive* casing-running system
- *TorkDrive* Compact ICT-TS
- *TorkSub* electronic load cell
- Pick-up and lay-down machine (PULD)

Hydril is a registered trademark of the Hydril Company.

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