

REAL RESULTS

TorkDrive[™] ICT and ROSJE **Simplified Installation of Casing** String

Objectives

- Install casing string to total depth.
- · Maintain mud circulation without stopping operations.
- · Reduce friction and weight on casing string.
- · Enhance safety by reducing necessary deckhands.

Results

- The Weatherford TorkDrive Internal Clamping Tool (ICT) was used in conjunction with the remote-operated single-joint elevator (ROSJE) to land the casing at the expected total depth.
- · The use of the ROSJE facilitated moving casing from the horizontal to vertical position without having personnel in the hazardous area.
- Operations were maintained and circulation was ready at all times, which reduced friction and total down-weight by 25 tons at 7,220 ft (2,200 m).

Value to Client

- The TorkDrive ICT provided a safe, flexible way of working the casing string down to TD while maintaining circulation.
- Continuous circulation reduced friction and total down-weight by 25 tons at 7,220 ft (2,200 m).



The Weatherford TorkDrive ICT provides a safer, more efficient alternative to conventional casing installation. It combines these conventional casing-running tools into one: power tong, elevator, fill-up/circulation tool, and torque measurement system.

Location North Sea

Well Type Offshore

Casing Size 13 3/8-in. VAM® Top, 72-lb/ft casing

Casing Length 201 joints, 13-3/8 in. each

Vertical Depth 7,592 ft (2,314 m)

Products/Services TorkDrive 500-ton Compact ICT Remote-operated single-joint elevator

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