



# Weatherford®

## 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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