



Weatherford®

REAL RESULTS

OverDrive™ System, TorkDrive™ Tool, Top-Drive Cement Head Improves Efficiency in Offshore Gas Well

Objectives

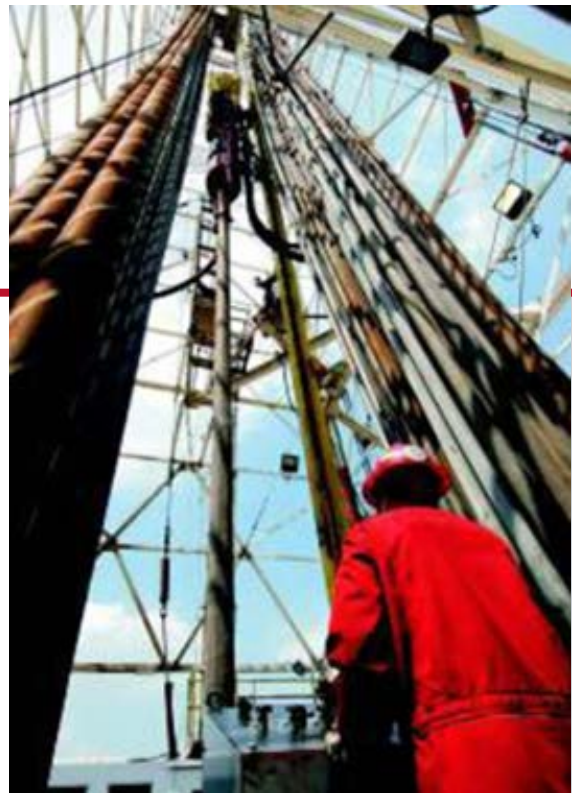
- Run a 9 5/8-in. production string safely and efficiently to the planned depth.
- Efficiently transition from casing-running to cementing operations to improve cement job keeping the string on movement.

Results

- Weatherford deployed the remotely operated *OverDrive* system featuring the *TorkDrive* Compact casing-running and drilling tool to run the 9 5/8-in. 53.5-ft-lb (72.5-N m) premium casing.
- The JAMPro™ joint-analyzed makeup system was used to monitor and record torque-turn data for all connections.
- The *TorkDrive* tool eliminated the need for conventional casing tongs, running 8,625 ft (2,630 m) of casing string to the well bottom at an average of 10 joints per hour.
- A pre-set top-drive cementing head, "TDH," incorporating a swivel with a side port cement line, and a cement plug SSR, was quickly made up on the casing string through a 3-way sub, ready for the cement job.
- The *TorkDrive* tool enabled the reciprocation of the entire casing string throughout the cementing process, successfully cementing the casing string in the wellbore.
- Both casing-running and cementing operations were completed safely without incident.

Value to Client

- Using Weatherford's *OverDrive* system, the operator simultaneously reciprocated and circulated the casing string.
- The efficient installation of the preassembled, top-drive cement head saved significant time by eliminating the need to rig down the *OverDrive* system or rig up conventional cementing equipment and enabling pipe movement during cement displacement.



Weatherford's *TorkDrive* tool simultaneously circulated, pushed down, and reciprocated the casing string, improving the efficiency of casing-running and cementing operations.

Location

Adriatic Sea, Italy

Rig Type

Jack-up

Well Type

Offshore, gas production

Hole Size and Angle

12-1/4 in. deviated

Casing Type and Size

9-5/8 in., 53.5 ft-lb, P-110 TSH Blue® and TSH MS®

Total Depth

8,625 ft (2,630 m)

Products/Services

- Tubular running services
- *OverDrive* casing-running system
 - *TorkDrive* 650 EM
 - JAMPro system
- Cementing services
- Top-drive cement head
- Top-drive cementing head

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