



Weatherford®

REAL RESULTS

TorkPro® 3 and JAMPro™ Net Systems Speed Decision Making, Improve Casing Run Rate by 300%

Objectives

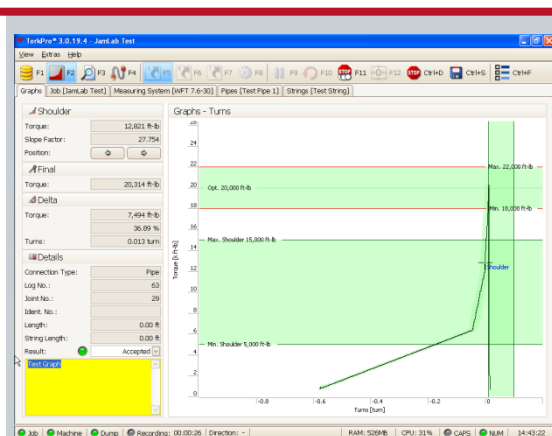
- Reduce the number of personnel on the rig floor during operations and enable drilling supervisor to view joint-analyzed makeup (JAM®) data and analysis remotely.
- Improve casing run speed.

Our Approach

- Weatherford deployed the OverDrive™ casing-running and drilling system with the wireless TorkSub™ torque-measurement system, JAMPro Net system, and TorkPro 3 torque/turns analyzing software.
- The TorkPro 3 software automatically analyzed the torque/turns data provided by the TorkSub system and generated reports and graphs in real time.
- The JAMPro Net system streamed JAM reports live to the drilling supervisor's office and the client's onshore headquarters, which enabled stakeholders to monitor the operation without being present on the rig floor. Decision makers on the rig and onshore were able to communicate using the instant-messenger function of the JAMPro Net system.

Value to Client

- The combination of the JAMPro Net system and TorkPro 3 software enabled the drilling supervisor to monitor the casing remotely, which reduced congestion on the rig floor and thereby enhanced safety. Additionally, the pipe inspector company was able to reduce its crew from two to one.
- Remote access to live JAM data and analysis, along with instant messaging, enabled executives at the client's headquarters to collaborate with the rig crew in real time. This resulted in faster decision making, which increased the speed and efficiency of the entire operation.
- As a result of the enhanced data access and communication enabled by the TorkPro 3 and JAMPro Net systems, the casing-run rate improved from 3-1/2 joints per hour to 10 joints per hour—a nearly 300% increase.



Weatherford deployed TorkPro 3 software and the JAMPro Net system together to analyze the JAM data and stream the analysis to decision makers in real time.

Location

North Sea

Well Type

Offshore development

Casing Sizes and Run Lengths

- 9-5/8 in., 15,163 ft (4,622 m)
- 10-3/4 in., 650 ft (192m)

Products/Services

- TorkPro 3 torque/turns analyzing software
- JAMPro Net system
- OverDrive casing-running and drilling system
- Wireless TorkSub torque-measurement system

Weatherford
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