



Weatherford®

REAL RESULTS

OverDrive™ System, TorkDrive™ Tool, Bow-Spring Centralizers Successfully Install Casing, Mitigate Risks, Enhance Safety

Objectives

- Centralize the casing during casing-setting operations despite the higher torque values (30,000 lb-ft, 40 674 N-m) required for makeup and maneuvers.
- Control risks to the rig personnel during the operation.
- Ensure the success of this high-cost operation in a remote location.

Results

- Weatherford deployed the remotely operated *OverDrive* system, featuring the *TorkDrive* 500 M internal clamping tool and the automated pick-up-lay-down machine. The *TorkDrive* tool was selected because it avoided risky maneuvering high over the rig site and did not require a work table, as would a power wrench.
- The JAMPro™ joint-analyzed makeup system was used to monitor and record torque-turn data for all connections.
- Weatherford's bow-spring centralizers were used to minimize risks and prevent the casing from moving inside the wellbore.
- The *OverDrive* system eliminated the need for a stabber in the derrick and reduced the number of personnel required. In addition, the system transferred the proper torque values from the top drive without difficulty.
- A total of 18 joints were run into the wellbore without damaging any connection.
- The entire operation was performed efficiently and without incident.



Weatherford's patented bow-spring centralizer sub is designed to keep the casing centralized in the well while cement slurry is pumped between the casing and the wellbore.

Location

Cuenca Ucayali - Selva Central del Perú

Well Type

Onshore, exploratory

Hole Size

12 1/4- × 14 1/2-in.

Casing

11-3/4" N-80

Total Number of joints

18

Run Length

774.27 ft (235.99 m)

Mud Weight

10.2 lb/gal (1.2 kg/L)

Products/Services

- Tubular running services
- *OverDrive* system
- *TorkDrive* 500 M tool
- Pick-up-lay-down machine
- JAMPro software

Weatherford
Vladimir Leon
TRS Coordinator, Peru
vladimir.leon@weatherford.com



Weatherford®

REAL RESULTS

Value to Client

- Using Weatherford's OverDrive™ system with the bow-spring centralizers enabled the operator to minimize the security risks associated with dangerous maneuvers at the wellhead, significantly reducing incident exposure.
- The required torques were achieved without damaging any connection, improving operational efficiency.
- By using the automated system for tubular makeup and eliminating the need for a stabber in the derrick, the *OverDrive* system enabled the operator to reduce the exposure risk of the crew, thereby enhancing operational safety.



The remotely operated TorkDrive™ tool uses the rotational power of the top drive to make up casing, eliminating from the rig floor the scaffolding, equipment, and personnel usually associated with casing-running operations..

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact patents@weatherford.com. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.