



Weatherford®

REAL RESULTS

OverDrive™ System Enhances Safety, Improves Casing-Running Efficiency in First Operation in Bolivia

Objectives

- Run three casing strings of different types without spending valuable rig time cleaning out the wellbore.
- Enhance safety, eliminate the manual handling of tubulars, and reduce the number of required personnel on the rig floor.

Results

- Weatherford deployed the remotely operated *OverDrive* system, including the *TorkDrive*™ 650 modular casing-running and drilling tool, to run three casings of different sizes: 13 3/8-in., 10 3/4-in., and 9 5/8-in.
- The interchangeable gripping system of the *TorkDrive* 650M internal clamping tool delivered unique performance running a tapered string by avoiding lost time due to rig up/rig down of new equipment for different casing sizes.
- The *JAMPro*™ joint-analyzed makeup system was used to monitor and record torque-turn data for all connections.
- The ability to rotate, reciprocate, and circulate the casings facilitated all casing runs proceeding as planned.
- The *OverDrive* system eliminated the need for a stabber in the derrick and reduced the number of personnel required.

Value to Client

- By using the automated system for tubular makeup and eliminating the need for a stabber in the derrick, the *OverDrive* system reduced the crew's exposure risk, thereby enhancing operational safety.
- The operator performed the entire run without any recordable incidents or accidents, saving rig time and associated costs.



Weatherford's *OverDrive* casing-running and drilling system with the *TorkDrive* 650M tool greatly enhanced safety by combining the functions of power tongs, elevator, fill-up circulation tool, weight compensator, and bails. This technology minimized personnel risk without reducing casing running efficiency by reducing the number of personnel on the rig floor.

Location
Bolivia

Field
Margarita

Well Type
Onshore, oil

Pipe Sizes
13 3/8 in.
10 3/4 in.
9 5/8 in.

Run Length
10,558 ft (3218 m)
9,737 ft (2968 m)
12,192 ft (3716 m)

Products/Services

- Tubular running services
- *OverDrive* System
- *TorkDrive* 650M modular internal-clamping tool
- *JAMPro* joint-analyzed makeup system

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