

AutoCLAMP™ System Eliminates Manual Handling, Improves Run Rates, Saves 8 Hours on Offshore Well

Objectives

- Minimize manual handling when running multiple control lines during a completion operation on an offshore development well.
- Eliminate safety issues and reduce damage to control lines.
- Improve completion running rate.

Our Approach

- Weatherford deployed the AutoCLAMP system to safely and efficiently handle 1/4-in. control lines while performing a 7-in., 13% CR completion run, eliminating manual handling and removing personnel from hazardous zones on the rig floor.
- The AutoCLAMP system guided the control lines as tubing was run into the hole and positioned them in proper orientations to the pipe for easier installation of the control line clamps.
- A total of 327 joints were run in total for this 7-in. chrome completion job and run rates were improved by approximately 1.5 minutes per joint.

Value to Client

- The AutoCLAMP system enabled the operator to eliminate manual handling of control lines and any improvised manual handling tools during the completion run. That eliminated pinch points and safety hazards for safer and more efficient operations.
- The system helped to mitigate damage to control lines during tong makeup, which eliminated the need for costly and unplanned control line termination.
- By eliminating manual handling, the client was able to install the completion string ahead of schedule and saved up to 8 hours of operational time compared to a previous completion running job.



Weatherford AutoCLAMP safely and efficiently guiding the control lines.

LOCATION

Venezuela

WELL TYPE

Gas

HOLE SIZE AND ANGLE

8 ½-in.

CASING TYPE AND SIZE

7-in., 29 lbs/ft Tenaris Blue DPLS®, TS-95, 13% CR Completion

DEPTH

10,200-ft (3,109-m)

PRODUCTS/SERVICES

- AutoCLAMP system
- 7.6-30 hydraulic tubing tong w/Free-Floating Backup system
- JAMPro™ torque monitoring system

