

Vero[®] Automated Connection Integrity Service Exceeds Previous Running Speeds by 30%, Delivers Zero Rejected Joints

Objectives

- Enhance connection integrity during pipe makeup.
- Reduce rejected joints.
- Decrease rig-up and rig-down times.

Our Approach

- Weatherford tubular-running specialists met with the customer to discuss tubular-running goals and requirements to complete an offshore well.
- After reviewing all the information, the team recommended the Vero conventional system, which automatically controls pipe makeup and evaluation until the final torque.
- The team rigged up the Vero system in only 51 minutes. By comparison, rigging up traditional tubular-running equipment takes 90 minutes.
- By applying real-time torque monitoring and adaptive speed control, the system successfully made up over 800 connections with zero rejected joints.
- The adaptive speed-control feature of the system automatically controlled makeup and exceeded previous running speeds on the same rig by 30%.
- The Weatherford team rigged down the system in only 31 minutes compared to 52 minutes using traditional tubular-running methods.
- The team turned over the well to the operator.

Value to Customer

- The Vero automated connection service enhanced integrity by automating the makeup process and delivering a 2% variance of the standard deviation on final torque values.
- The automated makeup process also delivered zero rejected joints out of 837 total connections.
- The reduced amount of equipment and simple rig-up process decreased rig-up time by 45% and reduced rig-down time by 50% compared to traditional tubular-running methods.



With a single push of a button, a Weatherford team member initiates the final makeup process.

LOCATION

United Arab Emirates

WELL TYPE

Offshore, oil

LINER SIZES

- 4-1/2 in.
- 6-5/8 in.

PRODUCTS/SERVICES

- Automated connection integrity services
- Vero conventional system

