



Weatherford®

REAL RESULTS

Safety-Tensioning-Adapter Unit Reduces Installation and Removal Time of Blowout Preventer Systems by 17 Hours

Objectives

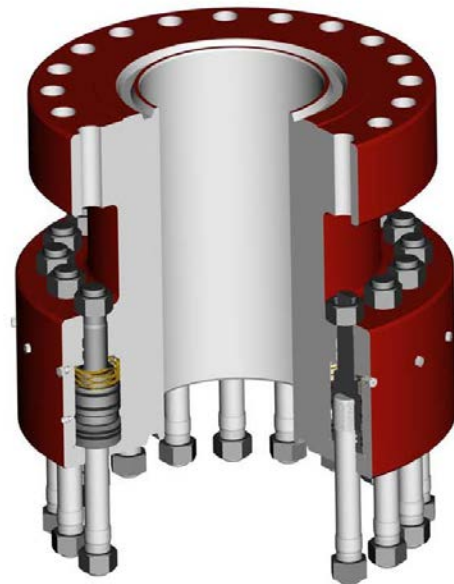
- Significantly reduce time and costs during installation and removal of the blowout preventer (BOP) stack on the wellhead system and increase safety for drilling rig personnel.

Results

- During the first 6 months of 2013, Weatherford installed a 13 5/8-ft, 5,000 psi Safety-Tensioning-Adapter (STA) unit compatible with the 13 5/8-ft, 5,000 psi BOP stack and riser system on five wells. The total BOP installation and removal time was 30-minutes per installation, but the actual time spent handling and testing the STA was only 10 minutes per each procedure.

Value to Client

- With the Weatherford STA, the average nipple-up time was reduced to 30 minutes per installation compared to 4 hours that a conventional nipple-up crew typically spends per installation. This resulted in a total savings of 17 hours for both the installation and removal of the BOP.
- The STA connection procedure involved fewer people and less operations than the procedure for a conventional flanged connection. Moreover, no personnel entered the cellar during the STA connection procedure. Eliminating personnel from this critical area provided a safer working environment on the client's drilling rigs.



The Weatherford STA system provides a safer, more efficient alternative to flange connections commonly used during drilling, fracturing, and production operations.

Location
Arkansas, USA

Well Type
On-shore gas

Equipment Pressure
5,000 psi (345 bar)

Products/Services
Safety-Tensioning-Adapter