# AccuView® Remote Support System Guides Offshore Liner Crew Through Flawless Installation, Saving Operator a Potential $250,000 in Rig Time



AccuView user-customized displays enabled real-time monitoring and close collaboration between the rig and offsite support team.

## Objectives

- Run and cement a 9 5/8 ×7 5/8-in. liner string to total depth (TD) in a highly deviated well.

- Provide remote monitoring capability to enhance operational efficiency and reduce nonproductive time (NPT).

## Our Approach

- Weatherford liner experts met with the operator of a mature offshore oil and gas field to review plans for running liner in a deviated well. The job would require close monitoring to avoid problems as ledges and tight spots in the deviated section would increase the potential for sticking problems and operational delays.

- The Weatherford team proposed running the WPHR premium hydraulic-set rotating liner hanger in the high-angle well. This liner hanger uses a mechanical lock to minimize the risk of prematurely setting until it is hydraulically activated, thus reducing the potential for NPT.

- To enhance coordination between onshore liner specialists and offshore crews, the team recommended the AccuView remote support system. The AccuView system facilitates remote monitoring of the job, provides real-time analytics, and enables validation of critical steps through instant replay.

- The liner specialists uploaded well parameters, liner specifications, and torque and drag models into the AccuView system, then tested and confirmed the system's streaming capabilities.

- A Weatherford crew deployed offshore with an AccuView system and WPHR liner hanger. From their onshore base, Weatherford liner experts used the AccuView system to monitor and advise the Weatherford crew as they rigged up and ran the liner system to its target depth.

## Value to Customer

- The Weatherford crew successfully installed the liner with no NPT incurred. The immediate response from the onshore team enabled the field crew to run to TD without having to stop for consultation with the office, so the operation didn't suffer any delays.

- AccuView software displayed operational parameters in real time to rig crews and offsite monitoring personnel. Live viewing and timely analysis of operational data enabled parameters to be adjusted to head off potential problems and increase operational efficiency, resulting in a flawless job execution.

- By preventing problems while running in the hole, the Weatherford team helped the operator avoid 2 days of NPT to trip back out of the hole, run a wiper trip, and re-run the completion—for a potential savings of $250,000.

**LOCATION**
UK North Sea

**WELL TYPE**
Offshore, directional, production

**FORMATION**
Jurassic and Cretaceous sandstones

**CASING SIZE**
9-5/8-in., 53.5lb/ft

**HOLE SIZE**
8 3/4 in.

**LINER SIZE**
7-5/8 in., 29.7 lb/ft

**TOP OF LINER**
8,428 ft (2,569 m)

**MAXIMUM INCLINATION**
85°

**TOTAL DEPTH**
10,442 ft (3,183 m)

MAXIMUM TEMPERATURE
168°F (75.5°C)

MAXIMUM PRESSURE
3,786 psi (26.1 MPa)

**PRODUCTS/SERVICES**
- AccuView remote support system
- WPHR premium hydraulic-set rotating liner hanger
- Sand screens

**Weatherford®**