

# Innovative Rigless Retrofit Restores Production While Slashing Costs, Reduces Carbon Footprint

## Objectives

- Install a gas-lift valve in a completion to continuously inject into the annulus instead of using coiled tubing.

## Our Approach

- Weatherford Well Services experts collaborated with the operator and deployed a retrofit gas-lift straddle system designed to inject nitrogen through the production casing (annulus A).
- Key components and techniques included.
  - **V0-rated WidePak™ II Packer:** Ensured tubing seal integrity under demanding conditions.
  - **Rigless Intervention:** Utilized electric wireline for depth correlation and accuracy, followed by slickline operations for final deployment.
  - **ISO EasySet Setting Tool:** A non-explosive setting tool used to position the straddle top section safely and efficiently.
- The intervention was completed without a rig, and the well was successfully brought back into production.

## Value to Customer

- The retrofit solution delivered significant operational and environmental benefits:
  - **Reduced Operational Expenditure (OPEX):** Eliminated the need for continuous coiled-tubing operations.
  - **Lower Carbon Footprint:** Minimized site emissions and physical footprint.
  - **Cost Efficiency:** Achieved substantial savings in artificial-lift-related expenses.



The Weatherford WidePak straddle system is a high-pressure packer used for temporary or permanent isolation of tubing sections, perforations, or windows. Its large packer throughbore is set in one run using slickline and enables maximum production after setting as well as many intervention operations.

### LOCATION

Southern Europe

### WELL TYPE

Oil producer

### PRODUCTS/SERVICES

- WidePak packer
- SBRO-DVX™ side-pocket gas-lift mandrel
- ISO EasySet setting tool
- ISO EasyPunch tubing punch tool

