



# Weatherford®

## REAL RESULTS

### Petroline® HDWF Service Exceeds Shell UK's Initial Performance Targets in High-End Subsea Well Intervention Campaign

#### Objectives

- Recover/reinstall a competitor's wash-water injection valve (WWIV) on Egret P1 and Heron H3.
- Deploy 332-ft, 2 7/8-in. TCP guns at 14,843 ft (4,524 m).
- Recover 285-ft, 2 7/8-in. TCP guns at 14,562 ft (4,438 m).
- Close sliding sleeve door (SSD).
- Install and recover SSD straddle.
- Recover and install plug and prong.
- Run BHP and Exal's casing collar locator (CCL) survey.

#### Results

- The WWIV was recovered on the first attempt at 13,073 ft (3,985 m), jars firing at 9,000 lb, both wells.
- Unable to deploy guns (liner restriction).
- Unable to recover guns (collapsed liner).
- SSD closed at 13,835 ft (4,217 m), 6,900 lb maximal overpull.
- SSD straddle installed and recovered at 13,835 ft, with maximal overpull of 4,500 lb on 5/16-in., 11,000-lb cable.
- Baker plug and prong recovered, repaired, and installed at 13,300 ft (4,054 m).
- BHP and Exal CCL survey run.



Workshop Module

#### Client

Shell UK

#### Location

Shell Egret P1, Heron H3

#### Formations

Oil and gas

#### Depth

15,000 ft (4,572 m)

#### THP

1,600 psi (11 MPa)

#### Well Type

5 1/2-in. completion

#### Number of Wells

2

#### Products/Services

Heavy-duty wireline fishing services



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### Value to Client

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- Major cost savings to the client with Weatherford's Petrolite® well intervention over traditional coiled-tubing, slickline, or standard braided-line methods.
- Major operational time savings to the client from successfully completing well interventions the first time, therefore reducing downtime.
- Major safety benefits compared to coiled-tubing operations. Weatherford operational experience minimized rig-up, rig-down, and man riding operations.