



Weatherford®

REAL RESULTS

GENISIS® Annulus Swellable Packers Provide Quick-Turnaround Isolation Solution in North Sea

Objectives

- Isolate a producing zone in a newly drilled well, replacing cement with a swellable packer. The zonal isolation plan was to cement across the reservoir, but the operator wanted a swellable packer for cement replacement and isolation capability.
- Install the packer within a tight timeframe. Part of the operator's challenge was the project schedule. The reservoir engineers appreciated the advantages that a swellable solution might offer, but the customized nature of most swelling elastomer packers meant that the packer would have to be a stock item from other swelling elastomer technology suppliers.

Results

- Weatherford manufactured *GENISIS* annulus swellable packers on free-issue client basepipe and delivered the custom solution within the operator's aggressive delivery schedule. Within two weeks the packers were built, inspected, and prepared for offshore delivery.

Value to Client

- Weatherford was able to provide a customized solution in a timeframe typical for stock items.
- The Weatherford swellable solution provided operational flexibility and a last-minute isolation solution tailored to the operator's needs—on schedule and without potentially compromise the reservoir with unnecessary cement or a solution that was not fit for purpose.

Weatherford's *GENISIS* series of annulus swellable packers provide a one-trip, self-setting isolation system designed to activate and seal through the natural contact of in-situ wellbore fluids. Suitable for cased-hole and openhole well environments, *GENISIS* swellable packers are easily deployed by integrating them into tubing or casing strings or through conventional well-service operations such as coiled tubing or slickline. A wide range of configurations are available to suit specific size and well-performance requirements.



Location

North Sea, Aberdeen, Scotland

Type of Well

Offshore oil producer

Products/Services

GENESIS swellable packers

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