



Weatherford®

REAL RESULTS

Europe's Longest Homco® Casing Patch Restores and Isolates 60-ft Interval Within 24 Hours

Objectives

- Efficiently restore the integrity of a gas storage well experiencing 86.95 m³/s daily fluid losses.
- Restore production with minimal inside diameter loss.

Results

- Using a casing brush, casing scraper, and mills, Weatherford fishing services thoroughly cleaned and prepared the 9 5/8-in. casing string for remediation.
- Weatherford personnel ran a 60-ft Homco casing patch to a depth of 5,830 ft (1,777 m). In one trip, the workover rig mechanically expanded the patch up to a depth of 5,770 ft (1,759 m).

Value to Client

- The efficient cleanout prepared the well for immediate remedial operations.
- The Weatherford Homco casing patch enabled the operator to permanently isolate Europe's longest patched interval in one trip, saving the well from abandonment.
- The Weatherford casing repair and isolation services provided the client a long-term, stable, and cost-effective casing-remediation solution to restore well integrity and production rates.



An onshore, gas storage well in Rheden, Germany required an immediate casing-remediation solution across a long interval experiencing dramatic losses. Weatherford casing repair and isolation services deployed Europe's longest Weatherford Homco casing patch across a 60-ft interval, reestablishing well integrity within 24 hours.

Location

Germany

Well Type

Onshore, gas storage

Formation

Upper Permian

Total Well Depth

7,309 ft (2,228 m)

Well Angle

47° deviation

Casing Type and Size

9-5/8 in. x 10 3/4 in., BDS K-55

Casing Patch Length

60 ft (18 m)

Setting Tool Length

32 ft (10 m)

Products/Services

- Fishing services
 - Watermelon mills
 - Taper mill
 - Casing brush and scratcher
- Homco casing patch

Weatherford
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