



Weatherford®

REAL RESULTS

Louisiana: Thru-Tubing Packers Repair Damaged Casing in Onshore Injection Well Without Downtime

Objectives

- Repair damaged 5 1/2-in. casing in an injection well to stop leakage and minimize nonproductive time (NPT).

Results

- Weatherford successfully set two 4.47-in. ER packers as a patch, setting the bottom packer in the first run and, in the second run, setting the top packer with spacer pipe and a stinger below to sting into the bottom packer.

Value to Client

- Weatherford ER packers enabled the entire assembly to be set without experiencing NPT, returning the well to production and avoiding the need to mobilize a rig to replace production tubing and the associated cost.

The Weatherford ER packer is a large-bore retrievable packer that can be used in a variety of intervention applications. The ER packer is coiled-tubing, slick-line or electric-line set, and straight pull released.

Location

Gulf Coast, Louisiana, USA

Well Type

Injection

Hole Size and Angle

4.892 in., 30° to 80° deviation

Casing Size and Type

5-1/2 in., 17 lb/ft

Minimum Restriction

4.487-in. QN nipple

Well Depth

In: 16,491 ft (5,026 m)

Out: 16,517 ft (5,034 m)

Setting Depth

16,517 ft (5,034 m)

Products/Services

- Thru-tubing intervention services
- ER packers



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