



Weatherford®

REAL RESULTS

Thru-Tubing Operation Retrieves 9,000 ft of Tubing, Fiber Optic Cable Stuck in Sour Wellbore, Abandons Well Safely, No LTIs

Objectives

- Retrieve 2-in. coiled tubing lost in the wellbore to enable cutting and recovering the 4 1/2-in. tubing. In addition, the lost coiled tubing had a fiber-optic cable running through it. Downhole conditions were extreme, with 42% hydrogen sulfide (H₂S) and 10% carbon dioxide (CO₂) emitting from the wellbore.

Results

- Weatherford deployed a rigless coiled-tubing operation to polish the top of the “fish” and enable access for a fishing assembly to begin recovery of the string.
- Following the string recovery, the 4 1/2-in. heavy-walled tubing was severed to begin the abandonment process.
- More than 62 runs were conducted, both rigless and rig-supported, with the coiled-tubing string being recovered in 100- to 500-ft (30.4- to 152.4-m) sections. Despite the heavy mud and high solids content, the heavy-walled tubular was cut successfully using a hydraulic cutter, enabling subsequent recovery of the tubular.

Value to Client

- Using Weatherford’s Thru-Tubing Services enabled the operator to complete the fishing operation safely without any lost-time incidents (LTI).
- Coiled-tubing string recovery was completed despite extremely sour conditions and operational challenges.
- Careful planning, round-the-clock technical support, and effective execution were the cornerstones of this successful intervention.



Using Weatherford’s Thru-Tubing tools and services, including the CTD® motor, the operator was able to retrieve a length of coiled tubing with a fiber-optic cable from the wellbore (right), and then cut and retrieve tubing (above) ahead of total abandonment, all without any LTIs.

Location
Saudi Arabia

Well Type
Onshore, abandonment well

Products/Services

- Thru-Tubing Services
- Continuous cutting overshot
- CTD motor
- Hydraulic tubing cutter

Weatherford
Anas Qutob
Region Technical Sales Manager
anas.qutob@me.weatherford.com

Weatherford
Franklin Colmenares
Technical Sales Engineer
franklin.colmenares@me.weatherford.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.