

# **Weatherford®**

#### **REAL RESULTS**

# COROD® Continuous Rod Products and Services Substantially Increase Well Run Life in Romania

## **Objectives**

Increase the run life and productivity of a deviated oil well. The
well had a history of overwhelming contact loads, causing
recurrent conventional rod-string and tubing failures, resulting in
costly well interventions and production losses. After 10 well
interventions and a loss of 29 productive days, the previous year's
average mean time between failures was only 34 days.

### Results

- Weatherford designed an appropriate rod-string application for the client's artificial-lift system and installed COROD continuous rod.
- The uniform-body design of COROD continuous rod evenly distributed contact loads over the entire rod, reducing the severity of tubing and rod wear and, in turn, minimizing the need for well intervention.
- One of the signature advantages of COROD continuous rod over conventional rod strings is the number of threaded connections.
   By reducing the connections from 107 to 3, COROD continuous rod significantly decreases the probability of a coupling-related failure by 97%.

#### Value to Client

- The client's results were unequivocal: COROD continuous rod substantially improved the run life of the well, making it an optimal solution for addressing tubing-related wear issues caused by concentrated contact loads. The well continues to run without failure after 85 consecutive days, increasing the average mean time between failures by over 60%.
- Weatherford's innovative installation and value-added service solutions facilitated installation of the rod. With quick mobilization times, high levels of automation, customizable options for meeting country-specific regulations, and a strong emphasis on safety, the services provided to the client ensured that COROD continuous rod would continue to run at peak efficiency, with minimal downtime and well interventions.



Weatherford's *COROD* continuous rod is one of the leading well optimization solutions for reciprocating- and rotary-rod pumping applications, serving as a superior alternative to conventional sucker rods.

#### Client OMV PETROM

#### **Location** Romania

#### Well Type Deviated oil producer

# Setting Depth 2,683 ft (818 m)

#### Products/Services

- · COROD continuous rod
- Mobile Gripper™ unit
- Portable forge welder
- · Small reel deployment unit

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