



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

Weatherford
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