



# Weatherford®

## REAL RESULTS

### COROD® Continuous Rod Provides a 50% Decrease in Failure Rates

#### Objectives

- Increase average time between failures and overcome production losses stemming from recurrent conventional sucker-rod failures.
- Deviated well configurations were resulting in a noticeable increase in the number of rod failures mostly associated with rod-tubing wear, rod threads stripping, and stuck pumps. In a single year alone, 82 interventions were performed (2.89 pullings/well/year) and total deferred production amounted to 487 BOPD.

#### Results

- To reduce the number of well failures caused by deviated wellbores, Weatherford installed over 80 strings of COROD continuous rod, because its uniform body design is specifically intended to reduce contact loads.

#### Value to Client

- One year after replacing conventional sucker rods with COROD continuous rod, the client's failure rate decreased from 2.89 pullings/well/year to 1.46, a 50-percent decrease.
- COROD continuous rod substantially increased the run life of the well, reduced production losses, and avoided costly well interventions.
- COROD continuous rod provided the operator with an optimal solution for addressing deviated well configurations.



COROD continuous rod's uniform contact loading is the key to improving production performance in highly deviated wells. The uniform body design provides an even distribution of contact loads, leading to a significant reduction of wear-related problems on the rod string.

**Location**  
Colombia

**Field**  
Casabe field

**Well Type**  
Onshore, deviated oil producer

**Average Depth**  
2,400 to 3,200 ft (731 m to 975 m)

**Average Dogleg Severity (DLS)**  
5°/100 ft (30 m)

**Products/Services**

- COROD continuous-rod strings
- COROD continuous-rod well services

Weatherford  
Marwan Sabah, COROD Continuous Rod  
Special Projects Engineer  
marwan.sabah@ca.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. For more information, contact patents@weatherford.com. 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.