



# CALABAR COROD<sup>®</sup> CONTINUOUS ROD

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## BOOST UPTIME IN CORROSIVE WELLS

Corrosion causes 60% of all rod-string failures. This deterioration—including rod-material loss and reduced load capacity—leads to significant early replacement costs, downtime, lost productivity, and revenue.

Calabar COROD builds on our industrywide leadership in continuous rod with an exclusive, two-stage, epoxy-coating technology that dramatically reduces corrosion. Ideal for rod-lift and PCP wells that have a history of corrosion failure, Calabar COROD increases the lifespan of the entire rod-lift system, from downhole to surface.

Produced at the state-of-the-art Weatherford manufacturing plant in Edmonton, Alberta, Calabar COROD forms an incredibly tough exoskeleton that shields the string from production fluid. This unique technology not only doubles rod-fatigue tolerance to increase run life in high-dogleg-severity wells, it also reduces drag and wellbore friction to lessen mechanical stresses on the rod string, production tubing, and surface pumping unit.

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**IMPROVED UPTIME OVER 7X**  
IN TRACKED WELLS WITHIN  
THE PERMIAN BASIN

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**INCREASES TUBING LIFE BY  
MORE THAN 2X**

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**COMPATIBLE WITH  
MOST LINED TUBINGS**

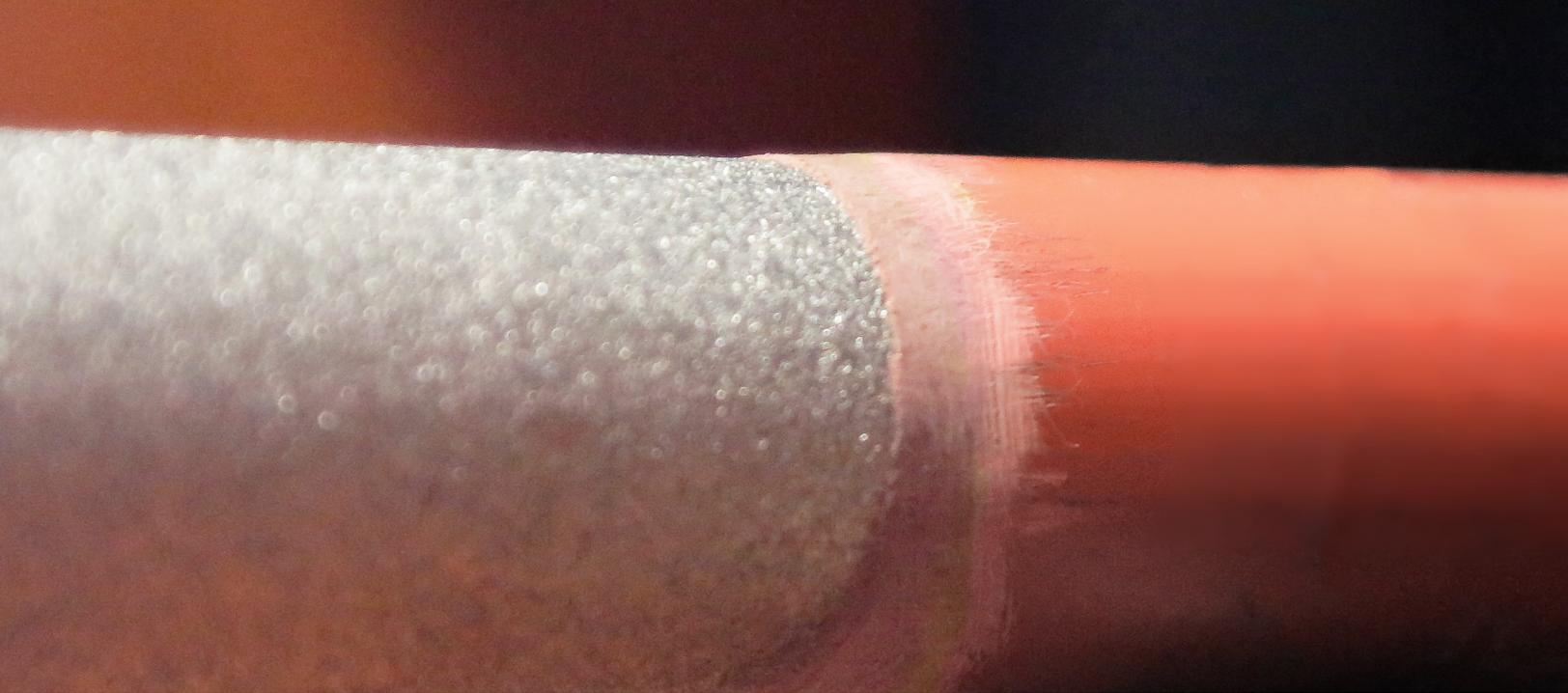
Calabar COROD DELIVERS  
**TOUGH, LONG-LASTING  
PRODUCTION PERFORMANCE**

## Improve Production and Control Operating Costs

**REDUCES**  
**rod-string corrosion**  
to increase uptime  
and lower CAPEX,  
OPEX, and lost  
productivity.

**MINIMIZES**  
**tubing and rod wear** by  
evenly dispersing contact  
loads throughout the entire  
rod string, which boosts  
tubing life by more than  
40 percent.

**INCREASES**  
**efficiency and lowers**  
**costs** by eliminating all  
couplings, centralizers,  
and guides, which  
delivers a larger  
production annulus.



## REVOLUTIONARY DESIGN FEATURES

Corrosive well environments reduce production efficiency and endurance. Calabar COROD® features a dual-layer, fusion-bonded coating which forms an ultra-thin, .022-in. protective layer that shields the string from production fluid and corrosion.

- **Saves replacement costs** by over \$100K with up to 500+ days of continuous operation for more than two years.
- **Doubles rod-fatigue tolerance** with strong protective shielding
- **Reduces drag and increases run life** in high-dogleg-severity wells

## PRECISION MANUFACTURING

All Calabar COROD is produced at the Weatherford precision-manufacturing plant in Edmonton, Alberta. Take advantage of proprietary processes that exceed API standards, including cathodic-disbondment and differential-scanning calorimetry testing.

- **Improves surface-area adhesion** with automated surface profiling
- **Removes all contaminants** through high-pressure, reverse-osmosis cleaning
- **Maintains ideal temperatures** with proprietary 20-ft. induction-heating unit

## COMPLETE INSTALLATION AND SERVICE

Only Weatherford integrates comprehensive research, precision manufacturing, fast mobilization, and expert repairs in most US markets, including top-tier service partnerships in Canada and the Bakken.

- **Provides peace-of-mind** with single-source manufacturing and services
- **Offers rapid deployment and safe operations** from the field-proven Corig® unit
- **Ensures trouble-free installation** with the new wave-pattern gripper pad



Maximize Uptime with **Calabar Continuous COROD**  
[weatherford.com/corod](http://weatherford.com/corod)

