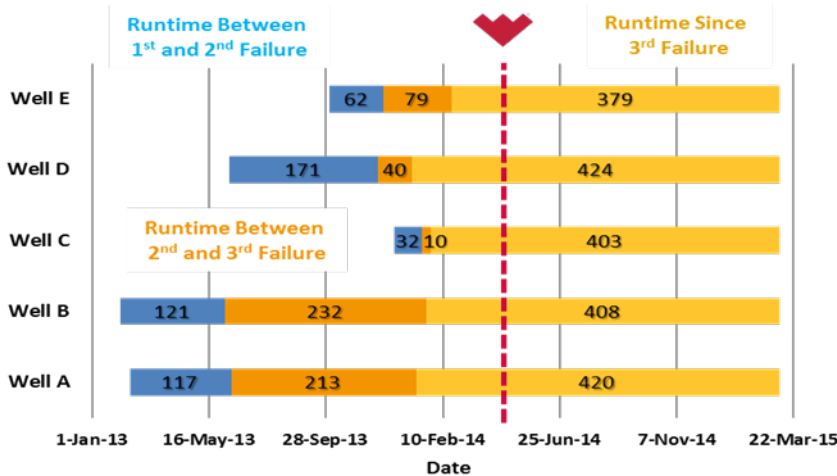


# Production Optimization Consulting Services Reduce Downtime 60%, Save \$5 million



The graph above shows runtime in days between each of three failures in a sample of five wells with high failure rates. By implementing frequent changes recommended by Weatherford consultants over the 10-month engagement, the client was able to keep all five wells running without unplanned interruption, as indicated in the "Runtime Since 3rd Failure" portion of the graph.

**LOCATION**  
Texas, USA

**WELL TYPE**  
Onshore oil

**NUMBER OF WELLS**  
200

**PRODUCTS/SERVICES**

- Production Optimization Consulting services
- LOWIS software

## Objectives

- Reduce downtime on 200 rod-lifted wells that historically had higher mean-time-between-failure (MTBF) rates than desired.

## Our Approach

- The Weatherford Production Optimization Consulting team first collected information about the current asset performance, including well failure and production histories for 200 rod-lifted wells.
- Next, the consultants worked with the client to establish key automated and manual workflows to maximize operational efficiency and develop key performance indicators (KPIs) to monitor well performance.
- For the remainder of the 10-month consulting engagement, the Production Optimization Consulting team performed daily monitoring and optimization activities using LOWIS® real-time analysis software to identify key failure-risk factors and to recommend changes for individual wells. The consultants collaborated daily with field personnel to implement short- and long-term recommendations.

## Value to Client

- Implementation of the short- and long-term recommendations from the Weatherford Production Optimization Consulting team enabled the client to reduce downtime by more than 60% on the 200 rod-lifted wells. This reduction in downtime reduced the MTBF rate by approximately 50% and saved the client approximately US \$25,000 per well for a total savings of approximately US \$5,000,000.



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