



**RUNTIME
INCREASED
BY UP TO
25X!**

KeBond™ Endless Rod® Delivers Exceptional Runtime in PCP Wells

CHALLENGE

In Milton, Saskatchewan, a client was faced with repeated continuous rod failures in two Progressing Cavity Pump (PCP) wells. The rod surface had developed significant corrosion pitting, which led to frequent fatigue failures.

As those failures continued, the wells experienced more downtime, lower productivity, and higher operating costs from repeated fish and repair work. Over time, the situation was putting the economic viability of the wells at risk.

SOLUTION

After identifying corrosion pitting as the main factor accelerating rod fatigue crack growth and eventual failure, Lifting Solutions recommended KeBond Endless Rod. This solution uses a bonded polyketone barrier coating on the rod surface to help prevent corrosion for as long as the coating remains intact.

The goal was straightforward: reduce the impact of corrosion, extend rod life, and help our client keep the wells operating.

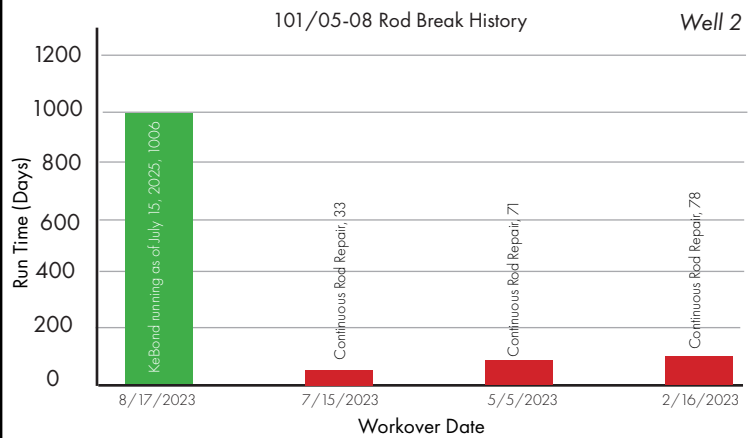
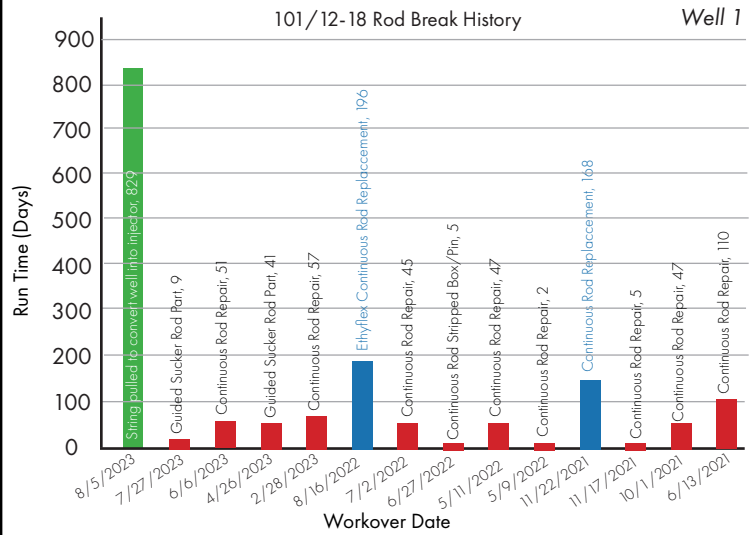
PERFORMANCE

The improvement was clear in both wells. In well #1, the original bare continuous rod string ran with an MTBF of just 32 days. After it was replaced with KeBond Endless Rod, the string remained in continuous operation for 829 days without failure.

When it was later pulled, because the well was being converted to an injector, inspection showed the coating was still fully intact with no notable wear. The string was then moved into the client's used inventory for future use.

In well #2, the previous bare continuous rod string had an MTBF of only 52 days. After the client installed a KeBond string, runtime increased to >1,000 days and counting, with no failures reported.

METRICS



SUCCESS

For this client, the results were more than a runtime increase. KeBond Endless Rod helped turn two high-maintenance wells into more reliable producing assets. Runtime increased by approximately 25x in well #1, and 18x in well #2, demonstrating a substantial improvement in rod longevity and operational reliability. The performance of the solution also supported broader adoption in the field, with 126 KeBond rod strings installed at the time of this document's publication.

Experience Performance. Artificial lift products and services that consistently outperform the market and reduce OPEX.

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