

BLAZE® TREATED SUCKER ROD COUPLINGS

Extend Tubing Life in the Midcon

Our BLAZE® treated products address the common production challenges customers face during field operations - mechanical wear, corrosion and abrasion

CHALLENGE

A MidCon area operator was facing short runs on a sucker rod lifted well due to hole in tubing (HIT) failures. The operator sought a solution to extend the run life of the well and address the wear and abrasion of their conventional couplings on the inner diameter of the tubing.

SOLUTION

To address the coupling-on-tubing friction, **Endurance Lift suggested a trial of BLAZE treated sucker rod couplings due to their abrasion resistance and low coefficient of friction**. The operator agreed and on September 18th, 2023, the system was installed with BLAZE couplings.

RESULTS

The well was pulled on 2/6/2025 for a pump change out. The tubing and BLAZE couplings were inspected and no HIT was identified. The couplings were then reinstalled.



On 8/8/2025, the well was pulled again. While a HIT was detected, the trial proved successful by **extending the time between HIT failures from ~180 days to 690 days, nearly a 4X improvement**.

Once again, the BLAZE couplings were inspected, found to be in good condition, and redeployed.



Contact your local representative for more information on Blaze products or our treatment as a service (TAAS).

PROJECT DESCRIPTION

Location
MidCon



Customer:	MidCon Operator
Lift Type:	Rod Lift
Pump Set Depth:	10,087'
Prev. Avg. Run Days:	~180 days between HIT failures
1st BLAZE Run:	507 days*
2nd BLAZE Run:	183 days
Total BLAZE Run:	690 days / ~4X previous avg.

*Pulled for pump change intervention. No HIT found. BLAZE couplings were reinstalled.



BLAZE® treated sucker rod couplings are available in the following sizes: 1", 7/8", 3/4" and 5/8".