BLAZE TREATED PLUNGER
EXCEEDS 13,000 CYCLES AND COUNTING

Mechanical wear, corrosion and abrasion are common production challenges encountered by operators utilizing plunger lift systems. In the face of these challenges, the Blaze® metal treatment process is dramatically enhancing the longevity of equipment.

CHALLENGE

A large operator in Oklahoma was seeking to find an efficient, durable plunger to produce a new well they were bringing on. Due to sand issues, the operator was experiencing a mean time between failures of 3-4 months across the enitire field. A previous attempt to run a competitor "specialty" plunger resulted in no improvement.

SOLUTION

Blaze treated plungers were suggested and the operator agreed to try one in the new well. No other downhole changes were made.

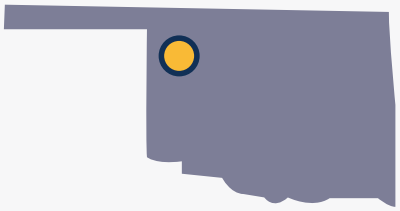
RESULTS

The Blaze treated plunger has exceeded all expectations. At approximately the 9 month mark downhole, the plunger was pulled to test wear and immediately redeployed. **Despite exceeding 13,000 cycles and more than doubling the previous field average run time, the Blaze treated plunger showed almost no sign of wear or loss in production efficiency.** As of publication, the plunger continues to perform.

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

PROJECT DESCRIPTION

Location
Western Oklahoma



Customer:	Large Operator
Lift Type:	**Plunger Lift**
Well Description:	Spring set at 6,200' and 52°
Pre-Blaze:	3-4 Month Average Run LIfe
Post-Blaze:	9 Month Run and Counting
Cycles:	13,000 and counting
Daily Production:	**15BOPD, 25BWPD, 280MCFD**

Blaze treated plunger showing less than 0.01% wear on the OD. A new plunger will measure 1.910 in OD.