

BLAZE-TREATED ULTRA SEAL DUAL PAD PLUNGER ACHIEVES 4X RUN LIFE IMPROVEMENT

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

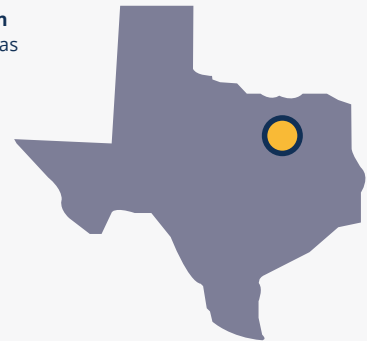
A large operator in East Texas was looking to extend the run life of their dual pad plungers. Due to severe fluid corrosion, the operator was experiencing meantime failures of ~6 weeks with their standard dual pad plungers.

SOLUTION

Endurance introduced a BLAZE-treated Ultra Seal Dual Pad Plunger to address these challenges. The operator chose to run the Blaze-treated plunger as a trial to compare run life performance against the incumbent plungers.

PROJECT DESCRIPTION

Location
East Texas



Formation:	Travis Peak
Lift Type:	Plunger Lift
Set Depth:	~7,500'
Production:	5 bwpd / 65-70 mcfpd
Standard DP Plunger:	6 Week Average Run Life
Blaze-Treated Plunger:	5+ Month Run Life

RESULTS

The BLAZE-treated plunger was installed in July of 2021 and pulled in December 2021 due to production slippage in the well. **The 5+ month run time was a 4X improvement for the operator.**



The operator was so impressed with the performance of the BLAZE Ultra Seal Dual Pad Plunger that they ordered several BLAZE-treated Clean Out Plungers to install in the bottom section of their multi-stage systems in hopes of doubling the time between their preventative maintenance.



BLAZE-treated plunger after 5+ months of run time. The wear indicators on the pad demonstrate that wear was minimal despite the small decline in production.



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