

BLAZE TREATED HOLLOW CLEANOUT PLUNGER ACHIEVES 2X RUN LIFE IMPROVEMENT 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

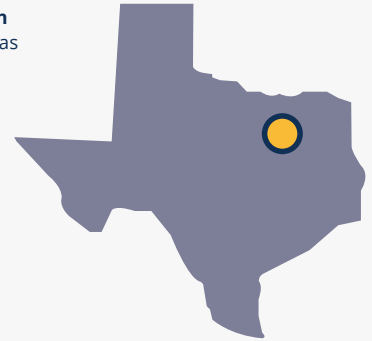
A large operator in East Texas was looking to extend the run life of their cleanout plungers. Due to common issues such as sand, scale and paraffin, the operator was experiencing meantime failures of ~6 months with stainless steel plungers.

SOLUTION

Endurance introduced a 2" 1.900 Blaze treated Hollow Cleanout 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 stainless steel plungers.

PROJECT DESCRIPTION

Location
East Texas



Formation: Cotton Valley Formation

Lift Type: Plunger Lift

Set Depth: ~9,500'

Stainless Steel: 6 Month Average Run Life

Blaze Treated: 12 Months and Counting

Cycles: 4,200 and Counting

RESULTS

The Blaze treated plunger was installed alongside a stainless steel version in November of 2020. The Blaze treated plunger continues to run as of this publication.



“The Blaze trial plunger given to us has approximately 4,200 runs on it and still running. Not many plungers give us a year of run time. My boss likes it so much we need another one just like it.” - Production Supervisor



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

