

## BLAZE® TREATED GAS LIFT MANDRELS SOLVE CORROSION AND EROSION ISSUES

Endurance Lift Solutions is at the forefront of artificial lift innovation, delivering industry-first technologies that enhance recoveries and increase run life.

## **CHALLENGE**

An operator in the Bakken was experiencing **short run** times due to failed epoxy-coated mandrels after  $\sim$ 6 months. Corrosion, primarily H<sub>2</sub>S, was the culprit. The operator looked to Endurance Lift for a solution as workover costs and lost production were adding up.

## **SOLUTION**

Endurance Lift introduced **BLAZE®Gas Lift Mandrels** to address these challenges.

## RESULTS

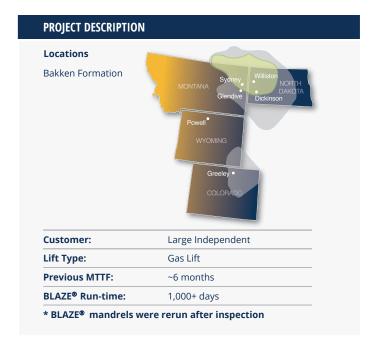
The BLAZE  $^{\circledR}$  treated mandrels experienced no failures, unexpected workovers, or interrupted production.

**After 8.5 months**, over 2 months longer than the average failure times for epoxy-coated mandrels, the BLAZE<sup>®</sup> mandrels were proactively pulled for a frac protect, providing an opportunity to inspect them. **The BLAZE-treated mandrels showed ZERO wear.** 

Following the inspection, the operator chose to rerun the BLAZE mandrels. After more than 1,000 days downhole, the BLAZE-treated mandrels showed little or no wear, demonstrating a 5X increase in run time.



Contact your local representative for more information on ELS Gas Lift Offerings: 817-259-2450





Conventional mandrel degraded after 6 months



Inspected BLAZE®-treated mandrel at 8-1/2 months