

BLAZE TREATED COUPLINGS

REDUCE PEAK POLISH ROD LOAD BY 8% AND CREATE 29% INCREASE IN DOWNHOLE PUMP TRAVEL

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

CHALLENGE

A large, global oil producer in the Williston Basin desired to **extend the run life** of a well and **reduce downtime** while **maximizing production**. The customer historically faced a mean time between failures (MTBF) of 6 months for hole-in-tubing (HIT) resulting from sucker rod coupling wear on the inner diameter of the tubing.

The customer's standard operating procedure was to replace both tubing and couplings in the worn sections of the well. The customer typically utilized spray metal couplings in the region due to corrosion challenges. Maintaining production while reducing the frequency of need for workover service rigs was a primary goal.

SOLUTION

The customer utilized **BLAZE treated couplings** to reduce coupling-on-tubing friction throughout the wellbore while making no other equipment alterations.

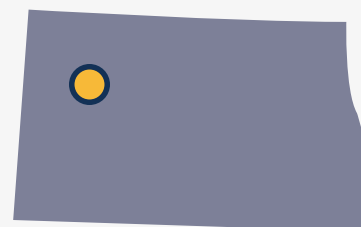
RESULTS

By utilizing **BLAZE treated couplings**, the operator increased production, reduced friction in the sucker rod string and tubing, reduced peak polished rod load, cut electricity costs and increased run life beyond the historical 6-month MTBF. The well continues to operate as of the publication day.



PROJECT DESCRIPTION

Location
Williston Basin



Customer:	Large Global Producer
Lift Type:	SRP
Pre-BLAZE Install:	62in DH Stroke / 31,467 PL
Post-BLAZE Install:	80in DH Stroke / 28,905 PL
Gain:	18" Downhole Stroke
Reduction:	2,562lbs Peak Load



Picture of BLAZE coupling post acid test and polishing. No attack was noted.



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