

MC 748-6 Successfully Used to Treat "Untreatable" Corrosion Emulsion Problems Resolved by Removing an Ineffective Corrosion Inhibitor

BACKGROUND

The operator experienced a failure 30 failures in 1 year using another chemical supplier's treatment program.

ISSUES

This well experienced a high volume a volume of (corrosion induced) failures on the flowline while another chemical supplier used its treatment program. The supplier expressed to field personal that corrosion and emulsion problems were untreatable on this well.

ANALYSIS

Multi-Chem's technical team investigated the problem. It was determined that dissolved CO₂ and sand were the primary issues with the production fluids. MC MX 748-6 was selected to treat the so called "untreatable" well. Additionally, while testing emulsion breakers, the technician discovered that the incumbent's corrosion inhibitor was causing the tenacious emulsion at the separator.

RESOLUTION

MultiChem commenced treatments in Aug-2008. MX 748-6 corrosion inhibitor was applied to the well.

DELIVERED VALUE

8 months into the MC MX 748-6 treatment program, no corrosion related failures have occurred. Additionally, no emulsion problems have been seen at the separator.

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