

MC 92-8 Reduces H2S Content in Gas Pipeline Produced Gas Now Within Pipeline Spec

BACKGROUND

Oil, produced water, and gas from multiple companies are being comingled through two 6" pipelines to one facility on Mustang Island TX. H2S had been below the transmission company's contract amount of 4 ppm. Various wells had been recompleted and H2S levels began to increase.

ISSUES

For this operator, due to high H2S levels, the transmission company was going to shut in their valve at sales point. Scavenger treatment was difficult due to minimal contact time which increased injection rates. The facility operator did not want to bear all costs of the chemical.

ANALYSIS

The operator called in Multi-Chem to help determine a solution that would reduce H2S levels prior to the facility. Multi-Chem assisted in gathering samples and H2S levels from each platform flowing into the facility.

RESOLUTION

Continuous injection of MC MX 92-8 was initiated by Multi-Chem at several key locations flowing into the two 6" pipelines. The treatments brought the H2S content of the gas to below 1 ppm, putting it in complete compliance. As followup, the platforms are regularly monitored by Multi-Chem and new installations are added as need on other platforms to insure the gas is in compliance.

DELIVERED VALUE

Chemical Program: \$75/day Investment
Individual Operators are now accountable for treating their own wells.
H2S levels have consistently been <1ppm
The transmission company has not had any more issues with the operator's facility.

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