

# ChemTreat Resolves Corrosion and Corrosion Monitoring Issues for Midstream Assets

## Background

A large natural gas company in the Midwest was having corrosion and microbiological issues at within their gathering system numerous locations. The current corrosion inhibitor supplier was not performing corrosion or microbiological testing across their system, and the customer was experiencing poor results with high corrosion rates in their midstream assets.

## ChemTreat's Solution

ChemTreat identified the numerous corrosion and microbiological issues across the distribution system. After a system analysis including gas composition, flow study, and potential injection points, both continuous and batch treatment recommendations were made to resolve the issues. Testing and monitoring processes were implemented to define and proactively address corrosion and microbiological issues.

## Results

**During the first six months, bacteria levels and corrosion rates were resolved in the eastern half of the pipeline system. Following the successful results, the customer requested we initiate the same treatment program methods for the western half of the distribution system to address similar issues.**



Location: Geary, Oklahoma

Industry: Oil & Gas

Product Type: Corrosion Inhibitor

Product Family: Pipeline Corrosion  
Inhibition



*Results are examples only. They are not guaranteed. Actual results may vary.*

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Case History  
# 0-75

Location/Test	Corrosion Rate	SRB
Pipeline #1	<0.1	<10
Pipeline Location #2	<0.1	<10
Pipeline location #3 (8 inch)	0.5	<10
Compressor # 1	<0.1	<10
Pipeline Location #4	1.3	<10
Pipeline Location #5	-	<10
Pipeline Location #6	0.3	10
Pipeline Location #7	2.2	<10
Pipeline Location #8	0.2	-
Pipeline Location #9	0.3	-
Pipeline Location #10	0.5	<10
Compressor #2	-	<10
Compressor #3	0.3	<10
Pipeline Location #11	0.5	<10
Pipeline Location #12	0.1	<10
Pipeline Location #13	0.2	<10
Pipeline Location #14	0.3	<10
Pipeline Location #15		<10
Pipeline Location#16 (8 inch)	0.3	<10
Pipeline Location #17 (20 inch)	<0.1	<10
Compressor #4	<0.1	<10
Compressor #5	-	<10
Compressor #6	-	<10
Pipeline Location #18	-	<10
Pipeline Location #19	0.2	<10
Control Limits	<1.0 ppm	< 1000 Colonies per CC

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