

MC MX 326-1 Treats Oil and Cleans Up Water

Injectivity Issues Reduced and Oil Production Increased

BACKGROUND

Produced Fluid Problem: Two long-time idle wells were returned to production (RTP). The wells were from a different formation than the existing wells, thus introducing new problems. Not only were the idle wells producing a tremendous amount of emulsion, the emulsion was intensified due to the presence of very fine solids. The wells also produced a much heavier gravity oil.

Equipment Problem: The Heater Treater has trouble holding temperature due to instrumentation problems as well as NG BTU quality issues. The operator needed a product that would work with the heating vessel at "non-optimum" treating temperature, as well as the optimal heating temperature of 170 F.

ISSUES

This oil producer had problems which included treating two different oils, system temperature problems, solids in oil, oil water interface (strung out due to solids).

ANALYSIS

Multi-Chem's technical team performed emulsion breaker testing in the field using live crude samples. Multiple products were screened. Additionally, a system profile was conducted, with cuts taken at the wellhead, upstream of Treater, community line, and at Treater.

RESOLUTION

The product MX-326-1 proved not only to outperform the competitor's chemical, but was also able to treat at a lower rate with a tighter interface and better injection water quality.

DELIVERED VALUE

Multi-Chem was able to deliver a superior performing emulsion breaker that performed under all temperature conditions. The chemical also produced clean effluent water, increasing oil production and reducing injectivity issues. In addition, Multi-Chem's superior service provided better results for the customer.

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