

MX 626-6 Protects Entire Gas Lift System Used to Replace Several Products

BACKGROUND

Prior to gas lift, the wells free flowing. Corrosion inhibitors and foamers were used to accomplish this. The wells eventually depleted and had to be gas lifted. When wells were pulled to run gas lift valves the tubing was heavily pitted due to CO₂ and microbial induced corrosion. Multi-Chem had been applying different programs to treat the problems, but the producer requested that Multi-Chem come up with one product to address all issues.

ISSUES

This producer had eighteen wells on one lease. All the wells are gas lifted with each well separating gas and fluids at the location. Afterwards, the gas and water are carried to one central gathering station.

ANALYSIS

Multi-Chem's R&D group got involved in the project to develop a solution to the corrosion issue. MC MX 626-6 was developed to address the downhole corrosion issues.

RESOLUTION

Initially, treatments were performed using two programs and separate chemistries, one for the wells and one for the pipeline. MX 626-6 was able to protect the entire system, from downhole to the pipeline injecting the gas for the gas lift, to the pipeline going back to the gathering station.

DELIVERED VALUE

Multi-Chem's MX 626-6 was able to protect the entire system. The operator is very satisfied with the one product solution and the results to date.

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