

MC FA-4990 Unloads Well and Eliminates Wellhead Compression Production Increased 200 mcf/d or \$275,000/yr!

BACKGROUND

With the utilization of wellhead compression the well was producing approximately 400 mcf/d and 150 BWP/D. The producer was interested in exploring methods that would increase production without the use of a costly wellhead compressor.

ISSUES

A well in North Texas being treated for corrosion and scale mitigation started experiencing intermittent loading issues which required the use of wellhead compression to maintain steady gas production.

ANALYSIS

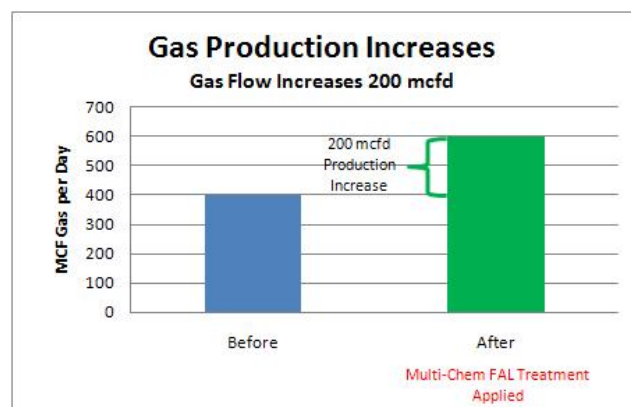
Field testing was conducted by Multi-Chem's FAL (Foam Assisted Lift) team on live produced fluids from the well to select the foaming agent that would provide optimum results. Multi-Chem MC FA-4990 was selected as the product of choice to achieve unloading of produced fluids to the surface. In addition, downhole completion diagrams were studied to determine the proper placement of a capillary string to be utilized for continuous injection of a liquid foaming agent.

RESOLUTION

A capillary string installation was completed and continuous injection of MC FA-4990 was initiated at an optimized injection rate based upon current flowing conditions.

DELIVERED VALUE

The elimination of the costly wellhead compressor was achieved as well as an incremental increase of 200 mcf/d. Production increased and leveled out at 600 mcf/d and 400 BWP/D.



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