

Gas Well Production Increases 400 mcf /day Capital Costs and Shut-in time Eliminated

BACKGROUND

A gas well had been flowing up 5 inch casing for about 4 years making about 250 mcf/d, 40 barrels water, and 10 barrels condensate. The well began loading up and the operator was forced to keep it shut in once a week to build up pressure.

ISSUES

Production declines and high intervention expenses had become an issue. The operator was considering having to rework the well and possibly move to costly artificial lift.

ANALYSIS

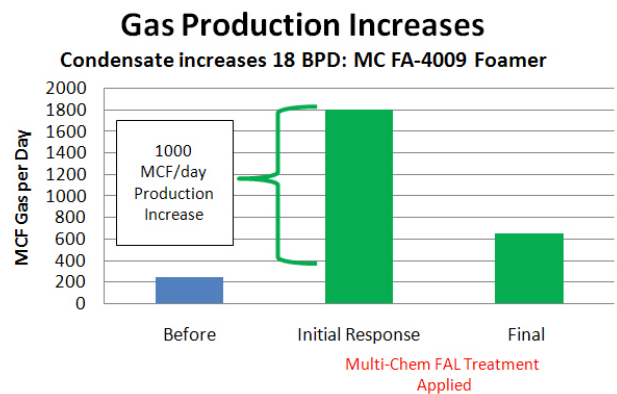
Multi-Chem was contacted by the operator to determine if the well was a candidate for foam treatment used to unload the well. Multi-Chem's Gas Enhancement specialists collected data and samples. Foamer tests were conducted at the location and MC FA-4009 was determined to be the product of choice for the well.

RESOLUTION

Continuous injection of MC FA-4009 was initiated at a rate of 20 GPD. Gas production immediately increased from 250 mcf/d to 1,800 mcf/d. Liquids production increased to 80 BWD and 18 bbls condensate /day for the first month, then slowly tapered off. The well now produces 650 mcf/d gas and 70 bbls water, 15 bbls condensate. No other capital investment was required. Shut-in time has been eliminated.

DELIVERED VALUE

Chemical Investment: \$181.20 / day
Initial Production Increase: 1000 MCF/day (\$7,000/day)
Final Production Increase: 400 MCF/day (\$2,800/day)
LOE costs slashed - no additional intervention required.
ROI through the roof!



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