

Wells unloaded with MC MX 4-1540

Production Increases 2733% and Pumping Units Eliminated

BACKGROUND

The production company purchased this gas field almost three year ago. Despite significant capital investments in their development plan, there has been very little increase in gas production.

ISSUES

This producer's gas wells have been loaded. Because the water has been setting in the well, additional issues with scale and corrosion in the perforations have developed, reducing the production of the well. Pumpers were spending a lot of time trying to keep the wells unloaded with very little success.

ANALYSIS

Multi-Chem's local technical team set up F.A.L. (Foam Assisted Lift) testing with fresh field fluids. The testwork revealed that MC MX 5-1540 performed best. This Multi-Chem product also contains scale inhibitor to provide a dual benefit of FAL plus scale inhibition. Plans were put into place to set up a field trial of this FAL product.

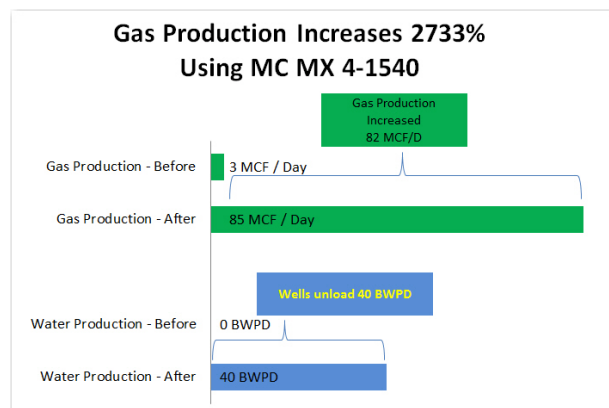
RESOLUTION

Injection of MX 4-1540 was initiated at 0.75 gallons per day (3 qt/d) down the backside of the well. Almost immediately, the wells began unloading and water and gas production increased. After several days, rates were increased to 1.5 GPD (6 qts/d) and the wells "came alive", fully unloading and exceeding the producer's expectations.

DELIVERED VALUE

Treating down the backside has proven to be the most cost-effective application method for this producer. Gas production on the test well increased from 3 MCF/day to 85 MCF/day, for a 2733 % production increase. Water production increased from 0 BWD to 40 BWD. Scale problems have been eliminated.

The monthly revenue increase with the FAL program has proven to be significant, over \$8000/month. The producer has "rodded up" several wells with pumping units, at a cost about 13 times greater than the FAL program.



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