

## MC FA-4013 Used to Unload New Gas Well

### Gas Production Increases 96 MCFD on Logged Off Well

#### BACKGROUND

The candidate well experienced approximately two months of flow prior to liquid loading causing the well to log off completely. Plunger lift and/or well blow down were not viable options due to the hydrostatic head pressure created from the liquid loading.

#### ISSUES

A well in Southwestern Wyoming was liquid loading due to hydrostatic head pressure. Swabbing was required for liquid unloading of the well.

#### ANALYSIS

The FAL (foam assisted lift) program was initiated to determine if the well was a liquid foaming agent candidate. Once determining the well was a candidate, field testing was conducted by Multi-Chem's FAL team on live produced fluids obtained from the swabbing unit. MC FA-4013 was selected as the product of choice that achieved the optimum foam metrics.

#### RESOLUTION

Continuous injection of Multi-Chem MC FA-4013 was initiated down the annulus. After initial well response the continuous injection rate was optimized based upon current flowing conditions.

#### DELIVERED VALUE

Well was successfully unloaded from 0 mcf/d to a steady production of 96 mcf/d, 5 BWPD and 1 BOPD without the utilization of a swabbing unit.

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