

Foamer Injected via Capillary String Unloads Gas Well

Production Increases 150 MCF/Day for a 1,029% ROI

BACKGROUND

A gas well had loading issues since it was drilled. The well would flow for a couple of hours and load up. The gauger had intervene by shutting the well in until it had enough pressure to unload itself.

ISSUES

The well was not producing gas as planned. The operator was considering artificial lift methods since so much intervention was required to maintain production.

ANALYSIS

Multi-Chem was asked by producer to develop a solution to keep the well flowing. Foamer tests were conducted on the 80,000 mg/l waters.

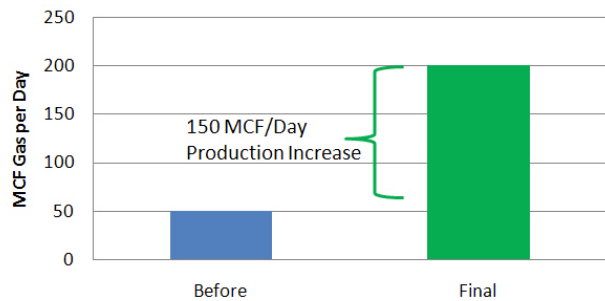
RESOLUTION

A Multi-Chem foaming agent was selected that performed well with the produced water. The chemical was blended with water to provide better dispersion and performance in the well, and it was injected continuous down the tubing via capillary string at 10 GPD. The well immediately responded and began unloading. Current production is 200 mcf/d with no shut in time.

DELIVERED VALUE

Chemical investment: \$ 93.00/day
Production Increase: 150 mcf/d (\$1050/day)
ROI: 1,029%

Gas Production Increase



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