

A START TO FINISH APPROACH TO GAS WELL OPTIMIZATION



HISTORY

Halfway gas production flowing from a well with a downhole packer completion. Liquid : Gas Ratios are as high as 1.5 and fluid composition in wells range from 10% to 60% condensate.

PROBLEM

Wells are in a liquid loaded state. Optimization options are limited due to packered completion and high liquid : gas ratios. Near well bores were liquid saturated making traditional unloading attempts unfeasible.

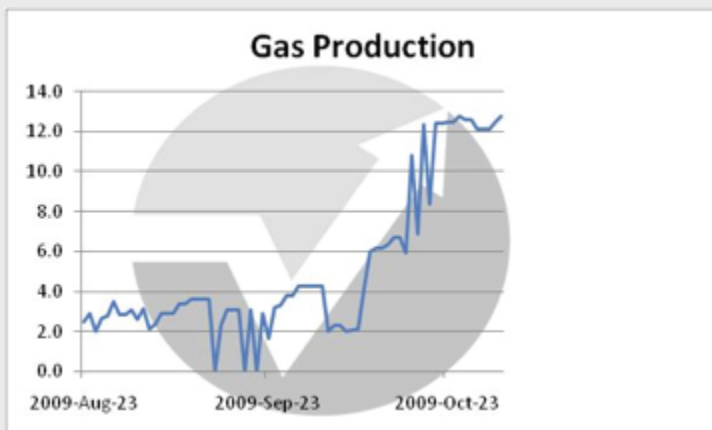
PROGRAM

Stimulate offered the customer a start to finish approach to supplying an optimization solution for the wells. First, fluid samples were gathered and field tested to prove the chemicals performance in foaming the field brines. Stimulate then proceeded to provide products and services necessary to install 3/8" capillary tubing strings down the production tubing of the wells. Strings were landed as close to the tubing bottom as possible and the foamer programs were initiated.

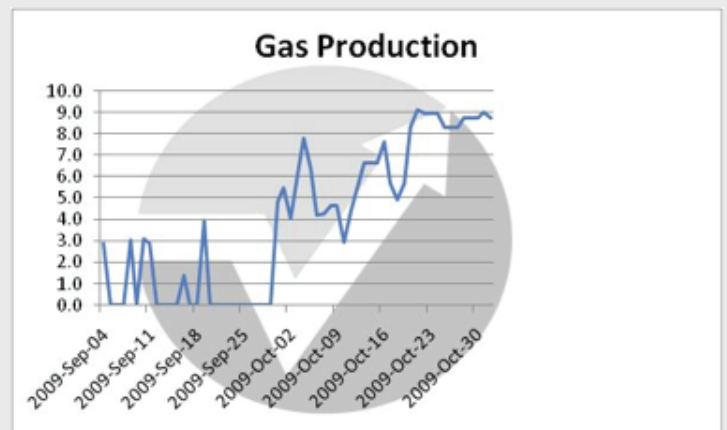
CONCLUSIONS

Recent technology in chemical foamers has proven effective gas lift with up to 75% condensate production. This advancement in foamers has increased the application window of liquid unloading with foamers. D-Liquefy has the ability to offer all facets of the optimization solution from testing and supplying the chemical to installing the delivery system to supplying the chemical storage and pumping system.

RESULTS



Well 1 - 10e3m3/day gains



Well 2 - 8e3m3/day gains

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