

MC S-2099 Scale Remover Increases Oil Production Failures Eliminated as Production Increased 300%

BACKGROUND

The customer was experiencing production decline due to elevated sub-surface scaling problems. The 7500 ft. well had been averaging 5 BOPD and 30 BWPD.

ISSUES

Production downtime and ongoing rig work due to pump failures were a common occurrence. This particular well was being pulled every 70 days just to maintain the 5 BOPD rate.

ANALYSIS

Multi-Chem ran a water analysis for scaling determinations and retrieved a sample of the carbonate scale from the tool pusher. Different ratios of the MC S-2099 were evaluated to determine the optimum treatment rate for scale removal.

RESOLUTION

165 gallons of MC S-2099 was batched down the backside followed by 160 barrels of produced water for casing displacement. The well was allowed to soak for 24 hours. Once returned to production, the well produced 25 BOPD and 70 BWPD. This production rate has been maintained for over 5 months. In addition, a phosphonate scale inhibitor was initiated on a continuous basis.

DELIVERED VALUE

The well produced an additional 20 BOPD utilizing the MC S-2099 Scale Removal process. It should also be noted, there has been no downtime on this well for over 5 months.

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