| CASE HISTORY |

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VALUES DRIVEN™

Multi-Chem P-3100 Asphaltene Dispersant Increase Production

Asphaltene Problems Eliminated as Production increases over 150%

BACKGROUND

This producer recently entered into a field west of Rocksprings, TX where there are a number of shallow oil wells, 300 ft. to 500 ft. deep. The oil is extremely viscous due to high asphaltene content, and recovery of the oil is a very slow and tedious process.

The local Multi-Chem account manager felt that oil production could be improved if an asphaltene control product was used in the production process.

ISSUES

This producer has experienced many production issues due to the high asphaltenes content of the oil.

ANALYSIS

Multi-Chem's account manager, working with live samples of the oil, tested various asphaltene controllers and found MC P-3100 produced the best results. The producer was approached with the stimulation proposal and agreed to try MC P-3100 to help alleviate the production challenges.

RESOLUTION

A fairly aggressive treatment program using the P-3100 was initiated. The reasoning was that these wells had not been produced regularly in some time and asphaltene deposition was severe.

DELIVERED VALUE

Prior to utilizing MC P-3100, the producer was averaging six to eight barrels of oil / day on the lease. The production with the MC P-3100 treatments has increased to approximately 15- 20 barrels oil / day.

Treatments are custom-tailored for each well to produce maximum results.

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