

MC SS-5844 Increases Production 1200% LOE Reduced \$240,000/year

BACKGROUND

Well was unable to keep running due to high service costs. It was not economical for the producing company. The well kept torqueing up and would not run.

ISSUES

Well has plenty of potential but unable to pump well with heavy oil and high sand content. This well would make approximately 2 to 3 m3 (12-18 barrels) and then stop producing.

ANALYSIS

The operator's engineering group was investigating putting in hollow rod string and pump clean produced water down hollow rods at rate of 10-12 m3/day (60-72 barrels) to produce the well. The Multi-Chem Canadian team evaluated the well and recommended trying MC SS-5844 to resolve the problem.

RESOLUTION

Knowing that the oil was extremely heavy with a high sand content, Multi-Chem initiated injection of MC SS-5844 at a rate of 500 ppm as a sand suspension into the water injection. This amounted to approximately 5-6 liters/day at a total chemical cost of \$1,500/month for the program.

DELIVERED VALUE

Production on the well increased dramatically. The well now produces 40 m3 (240 barrels) per day resulting in a net oil production of 16 m3 (96 barrels)/day.

Additionally, no flushby servicing /or rig services are required. Cost have been reduced \$20,000/month, with additional revenue of \$20,000/month.

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