

MC P-3480 Eliminates Paraffin Buildup

Hot Oiling Jobs No Longer Required

BACKGROUND

The well is being produced by a rod pump with the pump set at 11,500'. This well produces 30 bbls oil and 20 bbls water per day. The first indicator of wax buildup is the increase in amps on the electric motor and then a decline in production. Hot water jobs every 2 weeks were required to hold amps at an acceptable level and maintain production. Within 2-3 days from the time of each hot water job, the amps would start to increase again. The customer was spending approximately \$1,200 per month for these hot water treatments.

ISSUES

The well was producing from the lower Wasatch formation and paraffin buildup was requiring frequent hot water jobs to clear away the buildup.

ANALYSIS

Paraffin samples were collected and different paraffin products were tested to determine the right product to fix this problem.

RESOLUTION

Started treating with MC P-3480 at the rate of 1 gal per day by injecting down the casing on a continuous basis.

DELIVERED VALUE

The well is now producing at consistent levels and the motor amps are at acceptable levels which will help reduce electricity cost. The customer now only needs to hot water the wells every 5-6 weeks rather than the usual 2 weeks.

The hot water costs were reduced from an average cost of \$42 per day to \$13.33 per day with reduced production loss and reduced stress on the pumping equipment.

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