

## MC P-3139 Controls Paraffin Deposition Wire-Line Cutting Eliminated Saving Operator \$10,000/month

### BACKGROUND

The well located in Northern Colorado's Hiawatha area would plug with paraffin every two week. Production dropped from 600 MCF/day to 0.0 MCF/day. After the paraffin was cut with a wire line, the chemical supplier would treat with diesel fuel injected down backside at a rate of 15 GPD. This treatment was ineffective, as the deposits quickly returned and the well required wire lines services.

### ISSUES

This well had severe paraffin problems. The operator used wire line services to cut the paraffin. This process was very costly and time consuming to the operator.

### ANALYSIS

Dissatisfied with the way the incumbent chemical supplier handled the problem, the operator called upon the technical expertise of Multi-Chem to find a better solution. Multi-Chem conducted testing and found the wax content of the condensate was 98% wax. The Pour point was 106 degrees Fahrenheit.

### RESOLUTION

Multi-Chem initiated injection of MC P-3319 at a rate of 10 GPD down the backside of the well. MC P-3139 reduced the pour point of the condensate to 85 degrees F. The injection rate was optimized at 6 GPD. After this treatment, the paraffin issue has been completely resolved. There has been no further need to use wire line to keep well in production.

### DELIVERED VALUE

Production maintained at 660 MCFPD. Wire line cutting has been eliminated, saving the operator more than \$10,000 per month.

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