

## MC MX 377-5 LDHI Eliminates Hydrate Problems in Pipeline Savings Over Methanol and LOE slashed!

### BACKGROUND

This field located in the DJ Basin of Colorado. The hydrate issue was seasonal for this new production. The methanol wasn't able to provide the inhibition required.

### ISSUES

This producer has been pumping up to 15 to 20 gallons of methanol a day attempting (unsuccessfully) to keep hydrates from plugging pipelines.

### ANALYSIS

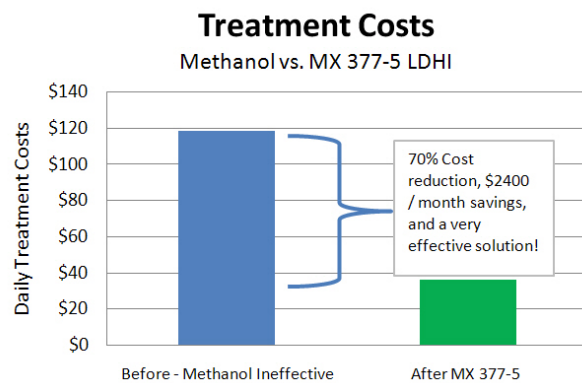
Multi-Chem Technology recommended MX 377-5 to address the problem. A Field trial with the low dosage hydrate inhibitor was initiated.

### RESOLUTION

Multi-Chem applied MX 377-5 LDHI at an initial rate of 3 gallons/day for the first 2 days. Seeing the positive results in the pipeline, the rate was optimized at 2 gallons/day. MX 377-5 effectively solved the hydrate problem this producer was experiencing.

### DELIVERED VALUE

Before: Methanol Cost \$118.35  
After: MX-377-5 Cost \$25.90/day  
Savings and elimination of remediation to remove hydrate plugs in Colorado winter have made this producer very happy.



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