

## High H<sub>2</sub>S Levels Eliminated with MC B-8900 Shut-in Well Returned to Production

### BACKGROUND

The gas well had been producing since February 2007. It was making approximately 1,600 MCF/day, with 45 BWPD. It was shut in due to the high H<sub>2</sub>S levels.

### ISSUES

This well suddenly began producing high levels of H<sub>2</sub>S. Multi-Chem analyzed the production and found that the content of H<sub>2</sub>S in the flow line was 99 ppm.

### ANALYSIS

The operator asked Multi-Chem to evaluate their H<sub>2</sub>S problem and develop a cost-effective solution. SRB contamination was found to be the issue.

### RESOLUTION

Multi-Chem initiated a treatment program consisting of 55 gallons of MC B-8900 biocide followed by 3 barrel flush of DI water. The well was then shut in for 24 hours.

When the well was brought on line, Multi-Chem again analyzed the H<sub>2</sub>S at the flow line and it had been reduced to 0 ppm. Since the treatment the well no longer produces H<sub>2</sub>S.

### DELIVERED VALUE

Cost of treatment: \$1,667

Investment Return: 584 MMCF of H<sub>2</sub>S free gas since the treatment.

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