

MC SS-5651 Controls Salt Deposition In Compressor System Downtime and Reparation Costs Eliminated

BACKGROUND

This well is a compressed coal bed gas well producing approximately 200 mcf of natural gas and 20 bbls of produced water.

ISSUES

An operator experienced frequent problems due to salt deposition on the compressor valves.

ANALYSIS

Multi-Chem's field technical team investigated the issue. After analyzing the deposition and fluids, it was confirmed that the solids on the compressor valves were due to the heat of the compressor causing salt to precipitate out of the water. This was causing the compressor to fail.

RESOLUTION

Continuous injection of Multi-Chem MC SS-5651 blended with fresh water was initiated on the inter stage of the compressor. The blend consisted of 1 part MC SS-5651 with 3 parts fresh water. Since the MC SS-5651 treatments were started the producer has not had any problems with the compressor valves.

DELIVERED VALUE

The producer hasn't had any down time since the salt control program was begun. Compressor repair expenses (equipment, manpower, lost production) have been eliminated.

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Global Technology Center

World Houston International Business Center
15865 International Plaza Drive, Suite 200
Houston, Texas 77032 USA

(800) 805 9178
(325) 223 6200
(325) 942 7500 FAX

www.multichem.com

