

MC C-6791 Controls Corrosion and Scale Economic Treatment Program Also Reduces Failures

BACKGROUND

This large producing company in Osage county NE Oklahoma drills Coalbed methane gas wells. They have leased up thousands of acres in the area and have now drilled around 150 rod pumped wells which make an average of about 70 BWPD and around 100 mcf. The Sandcreek Lease was one of the worst throughout the whole field regarding scale and corrosion issues.

ISSUES

The Osage county Coalbed methane field has tremendous scaling and corrosion issues on their downhole equipment.

ANALYSIS

Multi-Chem's local technical team ran water analysis on ever well. Those which have shown high scaling tendencies with high iron and manganese counts have been put on a treatment program using MC C-6791 corrosion / scale inhibitor.

RESOLUTION

In 2007 as the wells were being drilled, field and lab evaluations revealed that C-6791 corrosion/scale inhibitor was the perfect chemical for the Sandcreek wells. Multi-Chem determined that the most economical way to treat these wells would be truck treating with 2-3 gallons of MC C-6791 on 2 week intervals.

DELIVERED VALUE

Multi-Chem's technical manager maintains a spreadsheet of pump time failures (corrosion & scale failures). Before MC C-6791 was put on the wells, average run time was 285 days. Since initiation of MC C-6791, average run time is 483 days. This will continue to improve as time goes on. This optimization of their program has saved on replacing tubing and rods and performing acid jobs.

Multi-Chem warrants to purchaser, but no third parties or others, the specifications for the product shall fall within a generally recognized range for typical physical properties established by Multi-Chem when the product departs Multi-Chem's point of origin and that any services shall only be performed in accordance with applicable written work documents. Purchaser agrees that Multi-Chem will give purchaser the benefit of Multi-Chem's professional judgment in making interpretations of data, but does not guarantee the accuracy or correctness of such interpretations. Multi-Chem's recommendations contained herein are advisory only and without representations as to the results. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY MULTI-CHEM SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THE WARRANTY CONTAINED HEREIN. EXCEPT AS OTHERWISE SET FORTH HEREIN, THE PRODUCTS AND SERVICES ARE "AS IS" AND MULTI-CHEM MAKES NO OTHER WARRANTY OR GUARANTEE OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PURCHASER AGREES THAT MULTI-CHEM SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OR LOSSES FROM ANY CAUSE WHATSOEVER INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR GROSS NEGLIGENCE.

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