

Multi-Chem AcroClear® Improves Well Injectivity Long Term Benefits from a Single Treatment

BACKGROUND

This injection well has a history of not taking water. Other solutions to clean the well had been tried unsuccessfully.

ISSUES

This oil producers' salt water injection well not taking water.

ANALYSIS

Multi-Chem's local technical team conducted a thorough analysis of this well. The injection screens showed severe iron sulfide issues. A treatment program utilizing AcroClear Iron Sulfide controller was designed to dissolve the FeS and improve the well's injectivity.

RESOLUTION

A program to clean the well and dissolve the FeS deposits was initiated. The injection line feeding the well was blown down with three times the lines capacity, and the well was backflowed with three volumes of fluid. 150 barrels of FRESH WATER were mixed with 370 lbs AcroClear and 156 gallons of 3% MX 833-5 and pumped down the tubing. The well was shutin and the treatment was allowed 24 hours to soak in. After this period, the well was returned to injection.

DELIVERED VALUE

The injection well which previous was not accepting water, started taking water at 250bbl per day rate at 1750 PSI pressure. Over two months later, the well was still taking water at 100 bbls per day at 1785 PSI injection pressures.

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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

