

TRUE SUCCESSES

SOLIDS TECHNOLOGY RESOLVES WATER QUALITY PROBLEMS

Challenge

A customer contacted PureChem Services with a request to implement a program to reduce filter change-outs on a waterflood injection system. Iron sulfide solids were fouling filters causing filters to be changed out every two to three hours resulting in night call-outs for operational personnel.

Solution

The injection system was cleaned and a weekly maintenance program of solids technology was implemented. Iron Check and Water Treatment Balls were placed in the injection system tanks.

Benefit

The implementation of the solids program resulted in the filter run life increasing to 20 to 25 days before change-outs were needed. The reduction in filter change-outs and the related labour costs resulted in a savings of over \$36,000 per year.

Water clarity has been maintained throughout the entire system since implementing the program.

Our patented Solids Technologies have proven effective in multiple injection and SWD systems through the industry by eliminating fouling of filters and equipment while increasing injectivity.

PureChem Product Solids Chemistry



Water before treatment



Water after treatment

