

Tank Treating Facility Optimized with Demulsifier

Area
Elrose

PureChem Products
DM-337

Challenge

The customer had a treating facility with a number of wells flowing into the battery as well as over 40 wells that were being trucked in. The existing chemical program was not cleaning the remote wells enough to allow them to be trucked into the treating facility. As a result, production from these wells was going to a third party facility thus incurring additional costs. One of the wells which was two hours away was incurring trucking and disposal costs of \$180,000 per year.

Solution

PureChem Services designed a demulsifier specifically for the type of emulsions produced in this field. After seven days of pumping DM-337 the oil showed just trace amounts of BS&W at the facility. For 10 consecutive days, truckloads of emulsion were processed with no effect on BS&W levels.

Benefit

On this one well alone the company saved \$180,000 per year in trucking and processing fees.

The incremental profits on produced oil equated to over \$500,000 per year and they were able to dispose of the 21m³ of produced water internally.

