

PureChem Products Reduce Cost of Clarifying Produced Water for Injection

Application

Water injection wells

Area

Kerrobert Field

Formation

Viking

PureChem Products

ISC-815 and a Biocide



Challenge

A major Canadian operator with a preexisting treatment plan was searching for a more cost effective solution to reduce bacteria and iron sulfide levels in produced water.

The existing implementation was pricey and the product required special handling.

Solution

After lab testing the problem was defined and the recommendation was to treat each problem with a specialized product:

ISC-815: A water clarifier was used to reduce iron sulfide levels.

Biocide: A bactericide was used to reduce bacteria levels.

Benefit

By using PureChem's specialized products to tackle each problem individually, the operator was able to save \$85,000/year.

Both products are much safer and require less handling than previous solution.

Low bacteria counts and iron sulfide levels enabled the operator to utilize production water for injection.

