

## True Successes

# PureChem Products Reduce Cost of Clarifying Produced Water for Injection

### Challenge

A major Canadian operator with a pre-existing 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 the previous solution.

Low bacteria counts and iron sulfide levels as a result of the new treatment program enabled the operator to utilize production water for injection.

### Application

Water Injection Wells

### Area

Kerrobert Field

### Formation

Viking

### PureChem Products

ISC-815 and a Biocide

