

True Successes

H₂S Scavenger Successfully Treats Montney Production Streams

Challenge

Conventional triazine-based scavengers used for in-line application were causing partial to near complete blockage of the production lines. Turbidite borne waters are prone to scaling when high quantities of water-soluble triazine-based scavengers are introduced into the system.

The client was mechanically cleaning scavenger-treated lines frequently as well as installing upstream scale inhibitor injectors in an effort to mitigate the scale build up. The client challenged PureChem to help with increasing operational and chemical costs.

Solution

The local PureChem team pulled water samples and initiated testing with existing scavengers in the product line. Upon analysis of the preliminary results, technical specialists worked to formulate a customized scavenger to better treat production.

Benefit

Since the new 808SXI scavenger application, no notable solids in the production/gathering system have been observed. There has been substantial savings in operational and chemical costs. The switch to a non-scaling scavenger has completely eliminated the need for additional scale inhibitor applications.

Area

NE British Columbia

Formation

Montney

PureChem Product

808SXI



Spool pulled downstream from scavenger injection site before treating