

Asphaltene Control Program Results in \$1 Million Savings

Area

Grande Prairie

Formation

Montney

Gas Plant**PureChem Products**

AC-502

Challenge

A producer in northern Alberta was experiencing significant asphaltene issues at their plant resulting in a high volume of compressor valve replacements, at times as high as 29 valve changes per day. This was contributing to higher equipment and operator costs as well as safety concerns associated with increased risk of exposure to H₂S.

Solution

PureChem Services' technical specialist in the area performed Millipore filter and solids analysis. Based on the lab results and our in-depth knowledge of area fields, an asphaltene control program was recommended for the plant.

Benefit

Upon implementation of the program, valve changes decreased down to once or twice per week. As a result of less downtime for valve changes, there is significantly less potential exposure to harmful H₂S gas. This PureChem program resulted in over \$1,000,000/year in operational cost savings for the producer.