

Fluid Handling Costs Reduced 50% with Application of Concentrated Hydrate Inhibitor

Area

Northern Alberta

PureChem Products

HP-1004

Challenge

The customer had wet gas causing hydrates in the sales pipeline. PureChem Services conducted field trials of various hydrate inhibitors to identify the ideal product and methanol rates.

Solution

The starting methanol treatment rate was 180 liters/day. The treat rate was reduced in increments of 25 liters/day until the optimum rate of 80 liters/day was established. PureChem's concentrated hydrate inhibitor; HP-1004 at 5% in methanol was determined to be the most effective treatment.

Benefit

Once the treat rates were optimized the sales line was free of hydrates. This resulted in a reduction in after-hours callouts for operators and pressure trucks with methanol to treat hydrate.

This same program was applied to other customer fields in the area with consistent reductions in fluid handling costs.