

TRUE SUCCESSES

PURECHEM PRODUCT SAVES CUSTOMER OVER \$250,000 PER YEAR AT DISPOSAL WELL

Challenge

The customer was having pressure issues at their battery water disposal well due to hydrocarbon and solids buildup both in the piping and downhole. High fluid and gas volumes caused very low retention time through the knockout vessel. Emulsion and iron from new drills were attributing to high oil/solids carryover to the water tanks as well. Constant tank skimming further contributed to the problem. Multiple solvent and hot water jobs were completed on the piping and downhole, with only temporary success. The incumbent product was running at 100 ppm based on water production.

Solution

PureChem performed total suspended solids testing in our Carlyle laboratory. PC-491 was identified in testing to be a much better performing and cost effective product; it was implemented at 25 ppm on a continuous trial.

Benefit

Pressure on the ESP pump went from 1,525 psi prior to the trial, down to 608 psi while keeping the treat rate at 25 ppm.

By running PureChem's PC-491 as a continuous treatment on the disposals, the customer saved \$250,000 per year on chemicals. Further value came from not shutting in production, a reduction in extra trucking costs and operator call outs, and extra oil recovered due to better water quality.

Area

Saskatchewan

PureChem Product

PC-491