

CASE STUDY

VERTICAL STATIC MIXER
VSM -2400

BACKGROUND

BaxterSRT's customer was treating their sour commingled gas with a convention inline chemical program. Chemical rates proved to be higher than expected. This was mainly due to increasing target rates to prevent the H₂S bumps. These H₂S spikes also caused operational issues, such as additional call outs and shutting-in production. All of these challenges had an negative impact on the customers OPEX.

CHALLENGE

To introduce equipment that will reduce the H₂S scavenger rates and reduce or stop H₂S alarms and operator call outs due to the unpredictable H₂S bumps.

SOLUTION

BaxterSRT recommended our newly innovated vertical static mixer, VSM-2400. BaxterSRT reviewed the current parameters and found that the VSM-2400 would be an economical solution.

RESULTS

BaxterSRT VSM-2400 was able to meet the targets given by the customer. VSM-2400 was able to reduce rates by **80%**. This chemical reduction is an estimated savings of **\$23,000 CAD a year**. The operator call outs have be reduced by **95%** which has an indirect savings on OPEX.