

# GEN 3

## INTRODUCTION

The Gen 3 Liquid Level Controller was created to help oil and gas producers maintain accurate liquid level control and maintain performance even in harsh environments.

The Gen 3 features durable components, easy on-site adjustments, field-adjustability, and snap or throttle operating modes.

In this field study, we'll show how the level controller performed at a well site in the Gulf Coast area in South Texas.

## PROBLEM

An energy producer was having difficulty holding interface levels with their existing liquid level controllers. The settings on the controller would have to be re-adjusted every few days to get the controller to actuate at the right levels. They had tried level controllers from 2 different manufacturers with no success in fixing the issue.

## APPLICATION DETAILS

- Production Dates – June 2023 - Present
- Wells on Property – 800
- Production Type – Primary Water Flood
- Vessel Types – 2-phase and 3-phase separators, test separators
- Solids in Fluid – Some sand
- Upstream Pressure – 80 psi
- Downstream Pressure – 30-40 psi
- Recent Oil Production – 50k BBLs per month
- Recent Gas Production – 56 MMCF per month



## SOLUTION

The producer worked with the Kimray team in Houston to replace one of their level controllers with a Gen 3.

**Product Installed:** LCR with 3x12" displacer

**Date of Installation:** 6/1/23

**"It's easy to set up and needed no adjustments after getting it set."**

-Operator, South Texas

## RESULTS

The Gen 3 continues to hold interface with no adjustments needed. The Gen 3 has been in place for 3 months.

Based on this performance, the production foreman made the call to standardize the Gen 3 for all production moving forward.

In the words of the customer:

"It's easy to set up and needed no adjustments after getting it set. We would normally have to adjust the other controllers multiple times a week to try and hold interface level."

-Operator, South Texas