ISOTOPES CANADA

# IsoTECH Tracer Technology

## Overview

Isotopes Canada's line of IsoTECH formulations allows for quantitative tracing for multiple applications. Our business originated from the requirement to have a safe, reliable and cost effective tracing method for projects where standard tracer technologies are unable to give conclusive results.

## Methodology

Isotopes Canada prides itself on being a small and nimble service company. This status allows us to fine tune and customize our programs to exactly what the customer needs within our technologies abilities. Many of our projects have been started as ideas or conversations about what our customer would like to understand to better operate their reservoir, ensure that equipment/facilities are running to specifications and to help with making decisions for next steps and major decisions.

## Workflow

**Planning**

- Meet and discuss solutions
- Determine logistics of project

**Execution**

- Application of IsoTECH in field
- Samples sent to Isotopes Canada

**Results**

- Quantitative analysis of samples
- Updates and report of results

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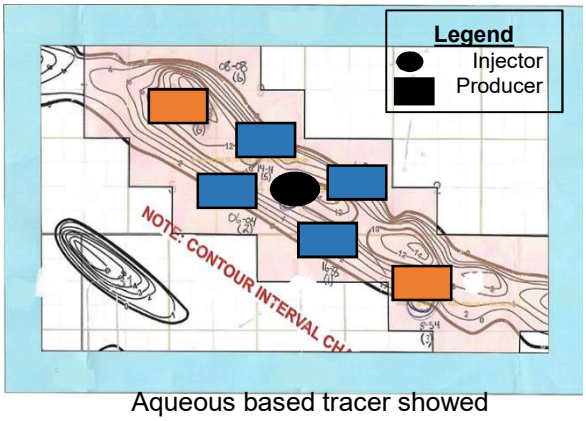
# Case Studies

## Polymer Tracing

Polymer traced with one of our IsoTECH formulations to provide producer with information if produced polymer was current or past applicaton.

## Water Flood Tracing

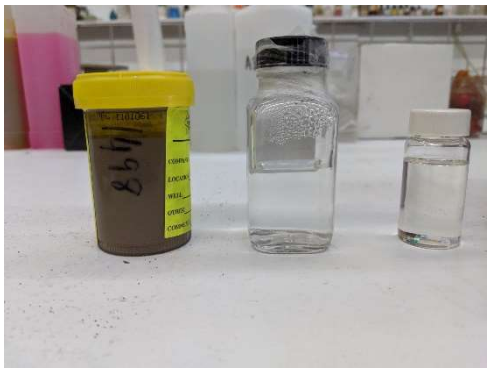



Aqueous based tracer showed producer that their flow was not as they expected, with communication in orange boxes then sweep back to blue boxes.

## Gas Tracing

Co-injection gas traced to provide communication pattern for newly implemented infills.

## Drilling Mud Tracing



Drilling mud traced at various depths to determine invasion of the traced coring fluid and estimate the final core water saturation level.

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