

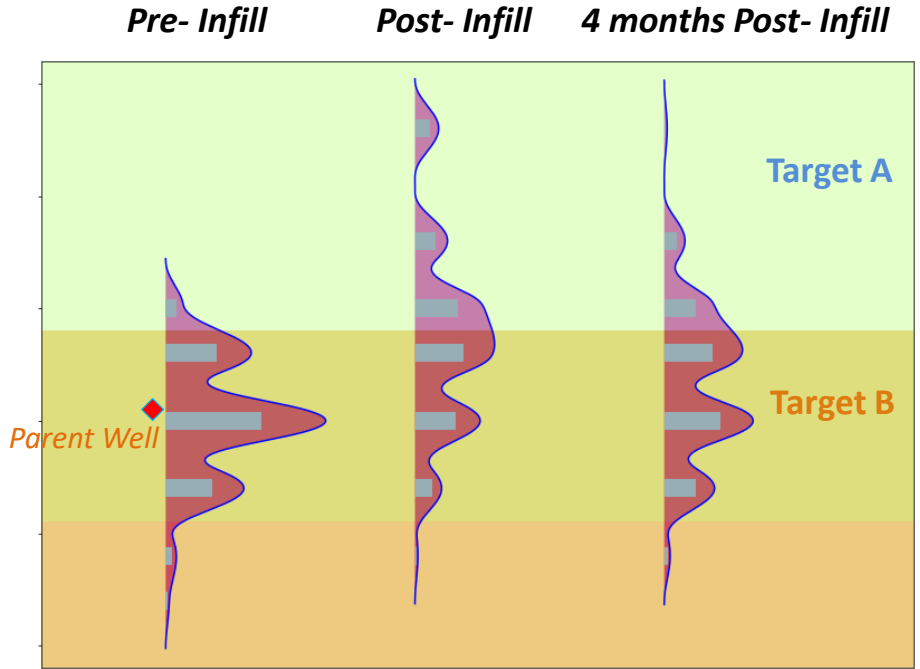
### Drainage Frac of Parent Well (Pre- vs. Post- Infills)

#### CHALLENGE

Operator needed to understand the fracture interference between existing production wells (parent wells) and newly fractured infill wells (child wells)

#### PROCESS

- Produced oil was collected from the Parent well pre and post infill drilling to evaluate Parent, Child well interaction
- Produced oil was also collected from the infill wells
- Parent and Child Wells were analyzed for well interaction and frac hits



### Oil-only Analysis Showing Distinction between Wells

#### RESULTS

- Reviewed the impact of infill drilling to the parent well with the infill well reactivating frac adjacent to the parent which however only lasted for a few months
- Helped to identify rock volume that has not been effectively drained for future infill target
- Geochemical fingerprint data clearly separated producers completed in Zone A vs. B

