

# Case Study

# SlicFrac®

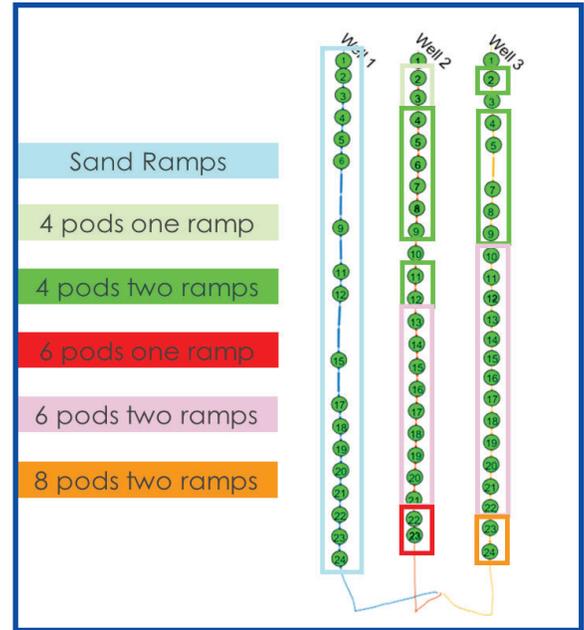
SlicFrac used to Alleviate Communication with Offset Wells

Case Study No. 6209

## DETAILS:

|                    |  |
|--------------------|--|
| Formation:         | Anadarko                               |
| Operation Depth:   | 10,000' +                              |
| Well Orientation:  | Horizontal                             |
| POD Type:          | Bio-Rez® Lo<br>Degradable PODs (150°F) |
| Type of Operation: | Plug-n-Perf   Mid-Stage<br>Diversion   |

A customer in Oklahoma was interested in testing the use of diverter to mitigate communication between offset wells. Under similar wellbore conditions, they utilized a three well pad to evaluate the use of Thru Tubing Solutions' **SlicFrac** Diverter System to stimulate two wells, and their standard plug-n-perf design with no diverter on the remaining well. On both wells where **SlicFrac** was implemented, the oil and water tracer show a significant reduction in communication with the offsets.



**SlicFrac** Perf PODs were deployed mid-stage to effectively plug the dominant perforations and divert the proppant to under or unstimulated clusters, thus reducing the frac length of the dominant fractures and preventing communication with the offset wells. Utilizing **SlicFrac** allowed the Operator to break up each pump stage into three mini stages and seal off the dominant perforations prior to wellbore communication occurring.

The customer considered the results to be a huge success and has continued to include **SlicFrac** in their well design.



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