

# Case Study

# SlicFrac

SlicFrac Eliminates Bashing with Near Wellbore Stimulation

Case Study No. 6201

## DETAILS:

Location:	Custer County, OK
Formation:	Cottage Grove
Operation Depth:	13,940'
Well Orientation:	Horizontal
POD Type:	PCL Millable PODs
Type of Operation:	Plug 'n Perf SlicFrac

Stimulating neighboring wellbores can sometimes harm production of the original (parent) well. The subsequent well (child) seldom produces as much as the parent, as the reservoir can become depleted over time. Maintaining near wellbore stimulation of the child wells can help to eliminate the bashing effect on the parent well.

A customer in Custer County planned to stimulate a new well, but was worried about bashing the neighboring well. Thru Tubing Solutions' **SlicFrac** system was used to divert the frac between bridge plugs and maintain a near wellbore stimulation of the new well. The customer deployed downhole pressure gauges into the parent well to monitor pressure during the frac operation; measuring an increase of only 82 psi.

**SlicFrac** selectively diverts the frac to virgin formation efficiently stimulating the entirety of each stage. The customers' production numbers for the first 60 days of the child well were equivalent to that of the parents' first 60 days a year prior; eliminating any concerns in regards to depleted resources. Additionally, the new well produced 49% less water than the parent, which had been completed using a conventional plug-n-perf operation.

The customer considered the results to be a huge success and has decided to include **SlicFrac** in future wells, especially where bashing is of any concern.

