

## **DETAILS:**

Location: Panola County, TX

Formation: Haynesville Shale

Operation Depth: 19,109'

Well Orientation: Horizontal

POD Type: Thal-Rez® Degradable PODs (280°F)

Type of Operation: Plug 'n Perf | Mid-Stage Diversion

A customer in the Haynesville Shale was looking to optimize their existing completion design. Their goal was to reduce the overall cost and time associated to complete the hydraulic fracturing and coiled tubing cleanout of the wellbores. Thru Tubing Solutions collaborated with the operator to redesign the perforation schedule by extending the planned stage length to include more perforation clusters; ultimately reducing the total number of individual stages within each wellbore.

The extended stage length allowed the operator to reduce the total plug count by half; reducing the planned wireline runs along with the associated frac fleet downtime. This alteration to their completion design successfully reduced the overall cost and time associated with the wells.

50% of Plugs

## Reduced Time and Total Cost

