

OPERATOR ADDS NEW ZONES TO LEGACY WELLS AND SUCCESSFULLY RESTIMULATES WITH INTERRA'S STRADDLE PACKER

LOCATION: EASTERN ALBERTA



CUSTOMER OBJECTIVE

In the last two decades there has been a major shift in well design, from vertical to horizontal. With these changes, there has been a significant learning curve to optimize well design. In the past, it was standard to leave stage-to-stage spacing at greater lengths, up to 300 ft (100 m), with fewer stages per well. With advancements in knowledge and technology, today operators are minimizing stage spacing while maximizing reservoir contact for increased production. As a result, there are thousands of wells previously completed with longer stage spacing that have unstimulated reservoir waiting to be exploited. An operator with an underperforming 14-stage completion required a solution to stimulate the well in between the stages and access more reservoir.

ACCUSTIM™



SOLUTION

The AccuStim® Coiled Tubing Straddle Packer was designed for efficient frac-down-coil operations to be completed with burst sleeves, pre-perforated wells, or for refracturing applications. The system utilizes a multi-set packer which maximizes tool life, greatly improves screen out recovery and allows instantaneous equalization when moving tools stage-to-stage. The AccuStim's upper assembly features a triple cup mandrel, hydromechanical disconnect and the Hydraulic Hold Down (HHD), which is unique to the industry. The proprietary HHD allows the tool to release from the set position post-frac with minimal overpull.

TECHNOLOGY HIGHLIGHTS

- Compatible with coiled tubing and service rig operations.
- Stimulate multiple stages in a single trip.
- Large stimulation injection port.
- Integrated fluid diverter.
- Easy screen out recovery.
- Proprietary dual release hydraulic hold down.
- Pressure automatically equalizes when unset.
- Tri-seal design to ensure isolation between stages.

RESULTS

Interra deployed its AccuStim Coiled Tubing Straddle Packer assembly to complete the task, straddling and stimulating each new perforation within an 18-hour window in a single trip. Satisfied with the results, the operator recompleted a second well with the AccuStim Straddle Packer.