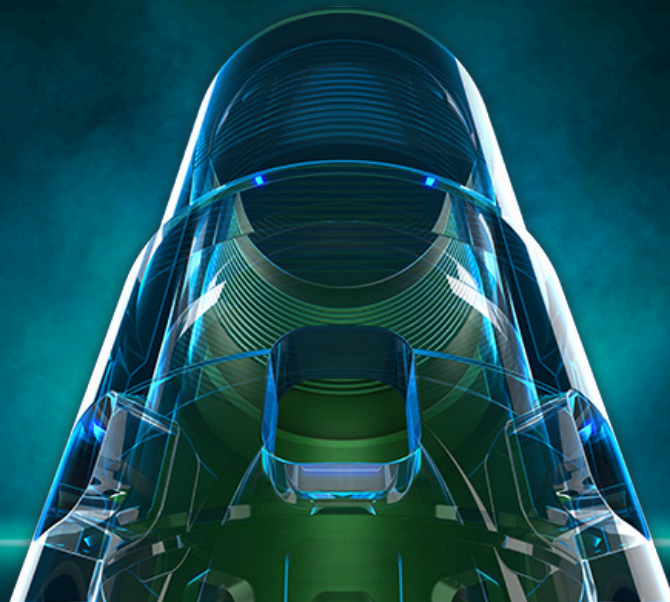


Controlled Optimization in the Montney

An overview of frac performance using single-point entry technology.

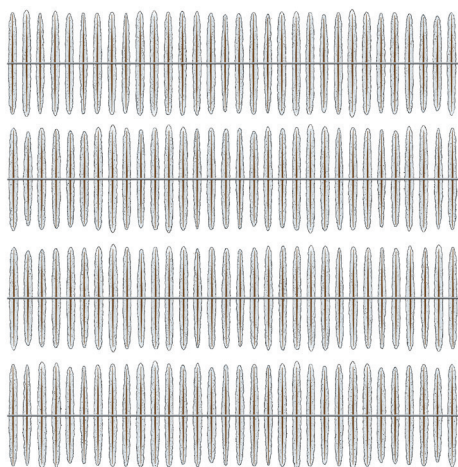


The Montney Demands More Control

In the Montney, every stage matters. With highly variable rock properties, tight permeability, and stacked pay zones, optimizing your completion design is essential. Montney wells often present variable stress regimes that can cause **uneven frac growth and unknown proppant distribution**. Traditional plug-and-perf methods lack the control to ensure uniform stimulation, especially in wells with tight spacing or limited vertical separation.

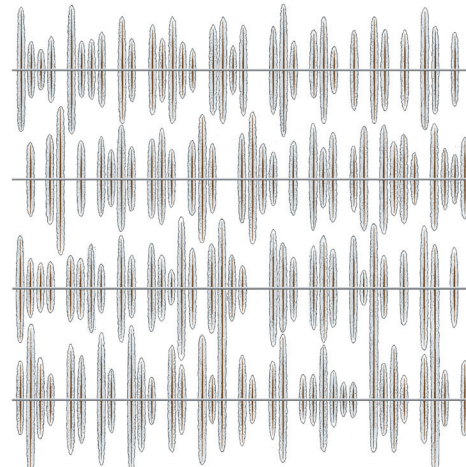
Controlled Fracs. Better Recovery.

NCS Multistage sleeve technology enables single-point frac placement for **consistently spaced fractures and full reservoir coverage**. Unlike plug-and-perf or ball-drop methods, which lead to uneven frac growth and unknown proppant distribution, single-point entry provides certainty of the proppant volume per entry point and greater control over frac growth height. The outcome: minimal fracture interference with more stimulated reservoir, and better long term production—especially in complex plays like the Montney.



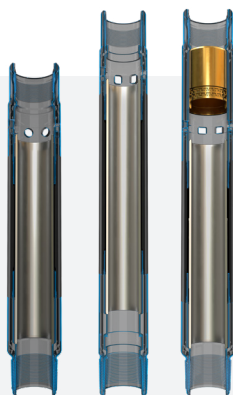
SINGLE-POINT ENTRY | CT SLEEVES

Controlled Stimulation – Evenly spaced, uniform fractures achieved by pumping proppant into one entry point at a time.



MULTI-POINT ENTRY | PLUG-AND-PERF AND OPENHOLE BALLDROP

Uncontrolled Stimulation – Irregular fracture growth and unknown distribution typical when pumping proppant into multiple entry points at the same time.



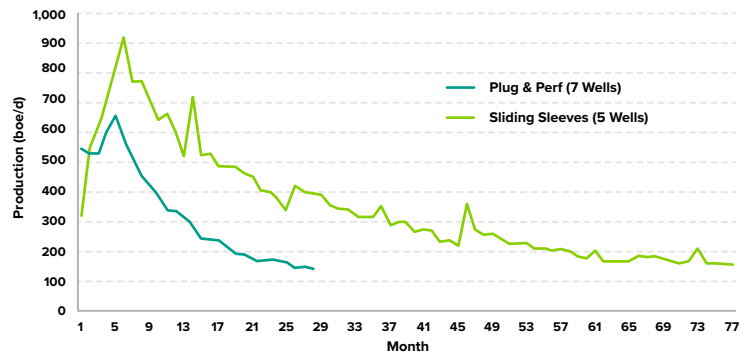
Smarter Completions. Better Wells.

Controlled single-point stimulation provides the **visibility and flexibility needed to get more out of every well**. The NCS Multistage Unlimited® system delivers pinpoint frac placement, real-time pressure data, and true stage-by-stage optimization. With optimal downhole memory gauges that monitor pressure and temperature, operators can better understand how the formation responds to optimize to frac designs for their field.

Increased Well Performance

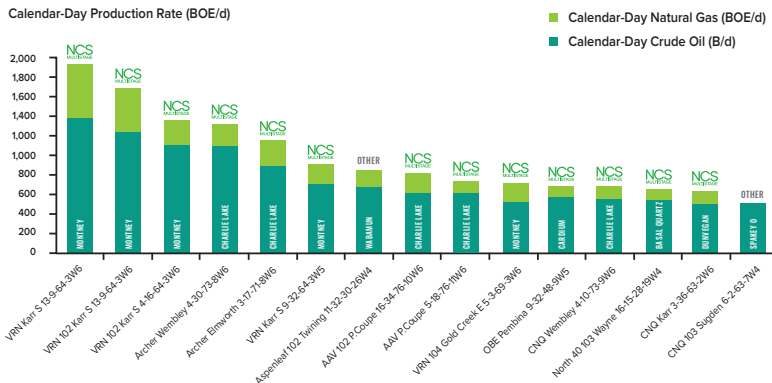
Production data from the Karr South Pads highlights the superior long-term performance of Sliding Sleeves over Plug-and-Perf completions. While both designs start with comparable output, **Sliding Sleeve wells achieved higher peak production and sustain stronger rates over time**, outperforming Plug-and-Perf wells, which experience a steeper decline. This data underscores the advantage of Sliding Sleeves in **maximizing reservoir potential and ensuring more consistent production**, making them a reliable choice for long-term well performance.

Karr South Pads – Production Performance by Completion Design



Source: geoSCOUT, Company Reports, ATB Capital Markets. Used by permission.

January 2025 New Oil Wells - Top 15



Source: geoSCOUT, NCS Company Report.

Leaders in Production Performance

In the January 2025 production rankings, NCS completions dominate, delivering some of **the highest oil production rates in Alberta, particularly in the Montney and Charlie Lake formations**. These results reflect the advantage of using controlled stimulation with single-point entry technology, which provides the consistency and fracture uniformity to create the optimal fracture network that's necessary to unlock a reservoir's full potential. When it comes to production results, control matters. NCS is helping operators reduce variability, improve frac efficiency, and maximize returns—stage after stage.

We Help Build Better Wells

It's not just a better frac—it's about field-proven technology delivering results in some of Canada's most challenging formations. If you want to gain more control over your completions, we'd love to talk. Contact us and discover how to get more out of the rock you got.



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