

Baker Hughes mills 136 plugs from two three-mile long North Dakota laterals in a single trip each, saves six days, and \$400k USD

CHALLENGES

- Remove all obstructions in two three-mile extended reach laterals in a single trip each to reduce costs
- Reach 26,686 ft and 26,853 ft total depths (TD) in wells where competition couldn't go past 24,500 ft TD
- Sustain high flow rate for multiple days
- Overcome friction during milling and cleanout in extra long lateral wells

SOLUTION

- [Versa-Drive™ plug milling service](#) with detailed pre- and -post job planning with [CIRCA™ coiled tubing software](#) and [xSight™ Analytics service](#) to improve operational efficiency, reduce downtime, and lower costs
- Reverse clutch mill dressed with [Glyphaloy™ advanced milling technology carbide cutting structures](#), selected for their:
 - Highly wear-resistant qualities
 - Extended mill life
- 2.875-in. [Navi-Drill™ X-treme™ motor](#) with equidistant power section selected for its:
 - Increased flow rates
 - High torque capability
- [Hydropull extended reach tool](#)

“The exceptional performance of the Versa-Drive service resulted in the quicker handover of the wells to production and eliminated the need for future interventions.”

— Michael Stricker,
Product Line Director, Thru-Tubing Intervention

RESULTS

One trip each

in record-breaking TD wells

100%

frac plugs drilled, frac stages cleaned, toe sleeves tagged

6 days

saved vs. original operational plan

\$400k USD

in customer savings