

Discovery to Recovery: Alberta's Liquids Rich Montney Play – Continued Innovation and Optimization

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Summary

The Alberta deep basin Montney has emerged in the last few years as one of North America's top unconventional resource plays. Within this area, there is a significant "sweet spot" acreage position that is over-pressured, sweet, and liquids-rich. This contiguous Montney land position is unique as it has produced prolific rates of gas and associated free liquids, dominantly condensate.

Historically the Montney in this area had been exploited using traditional conventional evaluation techniques, and thus had been over-looked for decades. Unconventional evaluation and development technology improvements, chiefly horizontal multi-stage fracture stimulation techniques and extended reach laterals, have allowed operators to unlock the vast hydrocarbon potential that the Alberta unconventional Montney holds. That said, innovation is not restricted to drilling completions. Production management and con-current operations, combined with the aforementioned drilling and completions innovations, has increased both capital efficiencies and resource recovery.