

The Montney Play at Groundbirch, NE British Columbia, Canada

David Gardner– Exploration Geologist– Shell Canada

Abstract:

The Lower Triassic Montney Formation is an impressively thick (~300m), homogeneous succession of well sorted silt to fine grained sand and represents one of the best unconventional oil and gas plays in North America.

Shell's Groundbirch project is a 385 section contiguous land base, acquired in 2008 through a series of successful large land sales, the acquisition of Duvernay Oil Corp., and some smaller land swaps aimed at producing the Montney. Groundbirch is located southwest of the city of Fort St John in Northeastern British Columbia.

In early 2013 gross gas production at Groundbirch reached 300 MMscfd, dominated by Montney horizontal wells.