

## **Fruit from the Dunvegan Delta: A Geological and Completions Overview of Resource Oil and Gas Plays**

*Michele Innes, Exploration Analyst, Canadian Discovery Ltd.*

*Jeffrey Horton, Evaluations Engineer, Canadian Discovery Ltd.*

The Upper Cretaceous (Cenomanian) Dunvegan covers an area of roughly 300,000 km<sup>2</sup> in northwestern Alberta, northeastern British Columbia and into the Northwest Territories. It was deposited as a large southeastwardly prograding delta complex that deposited sediment from the actively rising Western Cordillera into the adjacent Western Interior Seaway. The formation has produced oil and gas conventionally since the early 1960s with resource-style development increasing dramatically since 2011.

This presentation will compare Dunvegan resource oil and resource gas plays to other Deep Basin resource plays; provide a regional geological overview of the Dunvegan and compare geology, production and completions practices in three production areas.