

WH WARD HYDRODYNAMICS LTD.

Quality Petroleum Hydrodynamics and DST Interpretations

Liard Arch/Northwest Territories

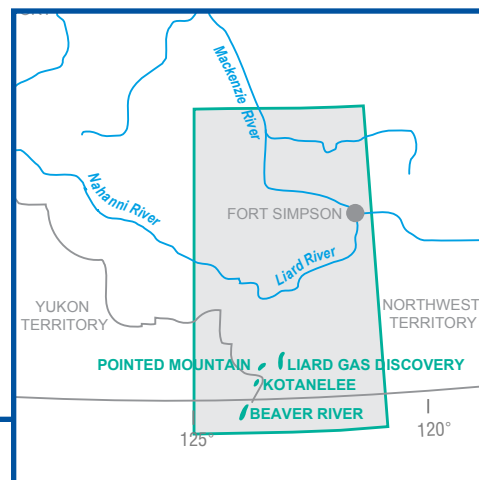
121–125°W and 59°30'–63°N

Ward Hydrodynamics Ltd. is pleased to announce the continued availability of the regional hydrodynamic evaluation of the Devonian to PreCambrian formations in the Liard Arch area of the N.W.T. Introduced in 1996, the evaluation has proven to be an excellent exploration tool, offering both detailed interpretations and the data set necessary for an accurate assessment of the exploration potential in this geologically complex area. The study area includes 59° 30' - 63° 00'N and from 121° 00' - 125°W. It overlays northern British Columbia into the southeastern corner of the Yukon Territory and the southwestern portion of the Northwest Territories. In the foothills, it includes the gas trends at Beaver River/Kotanelee/Pointed Mountain, Labiche and Merrill. East of the disturbed belt, it includes the Slave Point barrier complex, Kledo-Bovie fault trend and the Liard Arch. It has been recently updated (2001) to include the Fort Liard gas discoveries.

The purpose of the evaluation is to assist in defining exploration trends for gas and oil. This was accomplished with a comprehensive integration of the pressure, fluid chemistry and formation temperature data. A total of 408 DSTs, 85 gas analyses and 232 water analyses were examined. Specific interpretations were made of the following:

- *Reservoir Continuities, Fluid Contacts, Gas Column Heights*
- *Vertical Seal Capabilities*
- *Formation Water Chemistries (C1, CO2, He)*
- *Gas Chemistries*
- *Potential Gas and Oil Exploration Trends*

The evaluation consists of a text and suite of maps. The text documents the procedures, interpretations and data used. The map suite includes both a full size colour set and an 11 x 17" reduced set which allows for convenient reference. They include a pressure versus elevation graph, DST show map, potentiometric surface map, water chemistry map, gas chemistry map and isotherm map.



Availability and Cost

\$10,000.00 plus GST

Available now