

## Open File 2007-5

# List of Wells and Formation Tops, Yukon Territory, version 1.0

Tiffani Fraser and Brent Hogue



Published under the authority of the Minister of Energy, Mines and Resources, Yukon Government

<http://www.emr.gov.yk.ca>

Printed in Whitehorse, Yukon, 2007.

Minister of Energy, Mines and Resources, Government of Yukon

This report may be obtained from:  
Geoscience and Information Sales  
c/o Whitehorse Mining Recorder  
102-300 Main Street  
Box 2703 (K102)  
Whitehorse, Yukon, Canada Y1A 2C6  
Phone (867) 667-5200; fax (867) 667-5150  
Email [Geosales@gov.yk.ca](mailto:Geosales@gov.yk.ca)  
[www.geology.gov.yk.ca](http://www.geology.gov.yk.ca)

In referring to this publication, please use the following citation:

Fraser, T. and Hogue, B., 2007. List of Wells and Formation Tops, Yukon Territory, version 1.0. Yukon Geological Survey, YGS Open File 2007-5, 1 p. plus spreadsheet.

**Cover photo.** Outcrop of Upper Devonian – Lower Carboniferous Tuttle Formation on Trail River, east Richardson Mountains, northeastern Yukon (NTS 106L).

**Open File 2007-5**

**List of Wells and Formation Tops,  
Yukon Territory, version 1.0**

**Tiffani Fraser<sup>1</sup> and Brent Hogue<sup>2</sup>**

---

<sup>1</sup> Yukon Geological Survey; tiffani.fraser@gov.yk.ca

<sup>2</sup> National Energy Board – 444 7<sup>th</sup> Avenue S.W., Calgary, Alberta, T2P 0X8

## FOREWORD

In 2004, the Yukon Oil and Gas Management Branch<sup>3</sup> in Whitehorse, arranged with the National Energy Board (NEB) in 2004 to compile formation tops for the Yukon oil and gas wells. Previously, Yukon well tops had been picked by a number of geologists from the Geological Survey of Canada (GSC). Many of these well tops were published in various GSC publications and in several editions of the NEB Schedule of Wells. This report is an effort to update and revise the formation tops and to offer a consistent data set spanning the entire territory.

In total, 73 oil and gas were drilled during the period 1957 to 2005. The majority of these wells were drilled between 1957 and 1985, however, there was drilling activity in the Territory in 2004 and 2005.

Formation tops for this dataset were picked using wireline logs exclusively. The data are presented in both imperial and metric values to accommodate both historical and recent well data, as well as user preference. The data set is complemented by the *Yukon Stratigraphic Correlation Chart v. 3.0*<sup>4</sup>.

Formation tops are useful for the regional mapping of subsurface horizons. A variety of information can be obtained from this type of mapping, including structural trends and facies boundaries. Using regional correlation of formation tops, cross-sections can be constructed to aid in the understanding of basin morphology.

The *List of Wells and Formation Tops, Yukon Territory, version 1.0*, is an evolving dataset. We encourage comments and notification of any errors<sup>5</sup>. This dataset will be updated regularly when new research warrants revision.

## ACKNOWLEDGEMENTS

The authors would like to acknowledge the Yukon Oil and Gas Management Branch for initiation of this project. They would like to thank Keith Dewing, Geological Survey of Canada, Calgary, for reviewing this report, and for offering helpful comments and suggestions. Finally, the authors would like to thank members of the Yukon Geological Survey staff for their advice and assistance in the preparation of this report.

---

<sup>3</sup> Currently named Oil and Gas Resources, Department of Energy, Mines and Resources, Government of Yukon.

<sup>4</sup> Pigage, L., 2007. Yukon Stratigraphic Correlation Chart, v 3.0. Yukon Geological Survey and Oil and Gas Management Branch, Yukon Geological Survey, Open File 2007-2.

<sup>5</sup> Please submit comments to first author or Petroleum Assessment Geologist, Yukon Geological Survey, P.O. Box 2703 (K-10), Whitehorse, Yukon, Y1A 2C6, or by telephone 867-667-8508.