

ORIGINAL	
N.E.B. Case No.	DE 11-250
Exhibit No.	#108
Witness	Michael E. Hache
DO NOT REMOVE FROM FILE	

## NATIONAL ENERGY BOARD

IN THE MATTER OF the *National Energy Board Act* and the Regulations made thereunder;

AND IN THE MATTER OF an Application by TransCanada PipeLines Limited and TransCanada Keystone Pipeline GP Ltd. for orders pursuant to Parts I, III, IV and V of the *National Energy Board Act*.

TRANSCANADA PIPELINES LIMITED

and

TRANSCANADA KEYSTONE PIPELINE GP LTD.

TRANSFER APPLICATION

APPENDIX G

CANADIAN MAINLINE THROUGHPUT STUDY

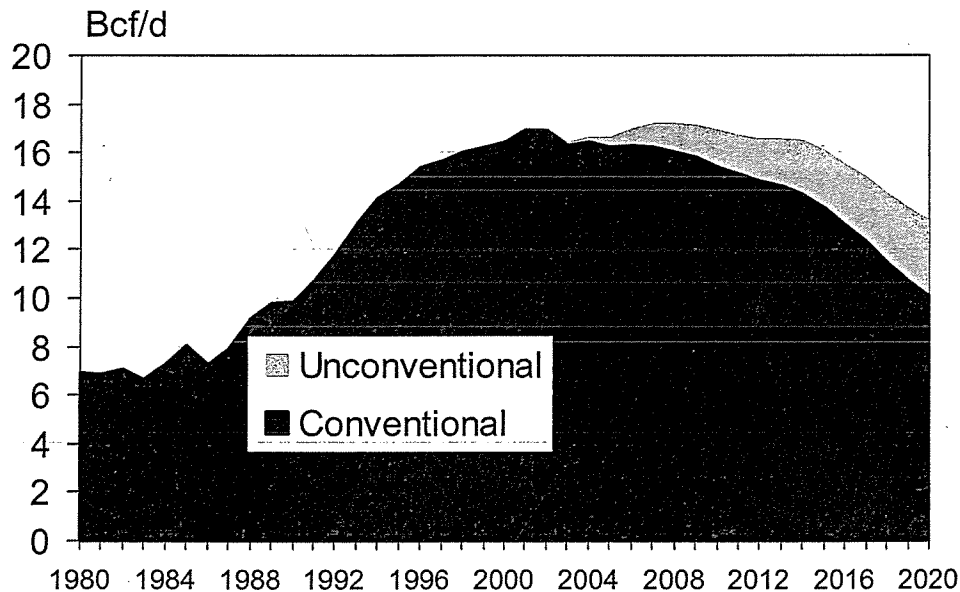
JUNE 2006

## **Shale Gas**

Shale gas represents another potential source of unconventional gas from the WCSB. At the present time, however, there is no commercial production associated with shale gas and all drilling to date has been of a research and development nature. Relatively small contributions from shale gas can be expected over a long time frame.

Figure 4.11 illustrates the total impact of unconventional (tight gas plus CBM) supply on the WCSB overall Base Case gas production forecast.

**Figure 4.11:  
WCSB Gas Production Forecast**



## **4.4 Forecast Comparison**

Figure 4.12 compares TransCanada's total WCSB (conventional and unconventional) supply forecast to five third party forecasts and scenarios. Figure 4.12 illustrates that for the period following the introduction of Keystone, TransCanada's forecast of WCSB production is generally higher than the third party forecasts. If WCSB production ultimately performs as suggested by these other forecasts, then ex-basin flows will be