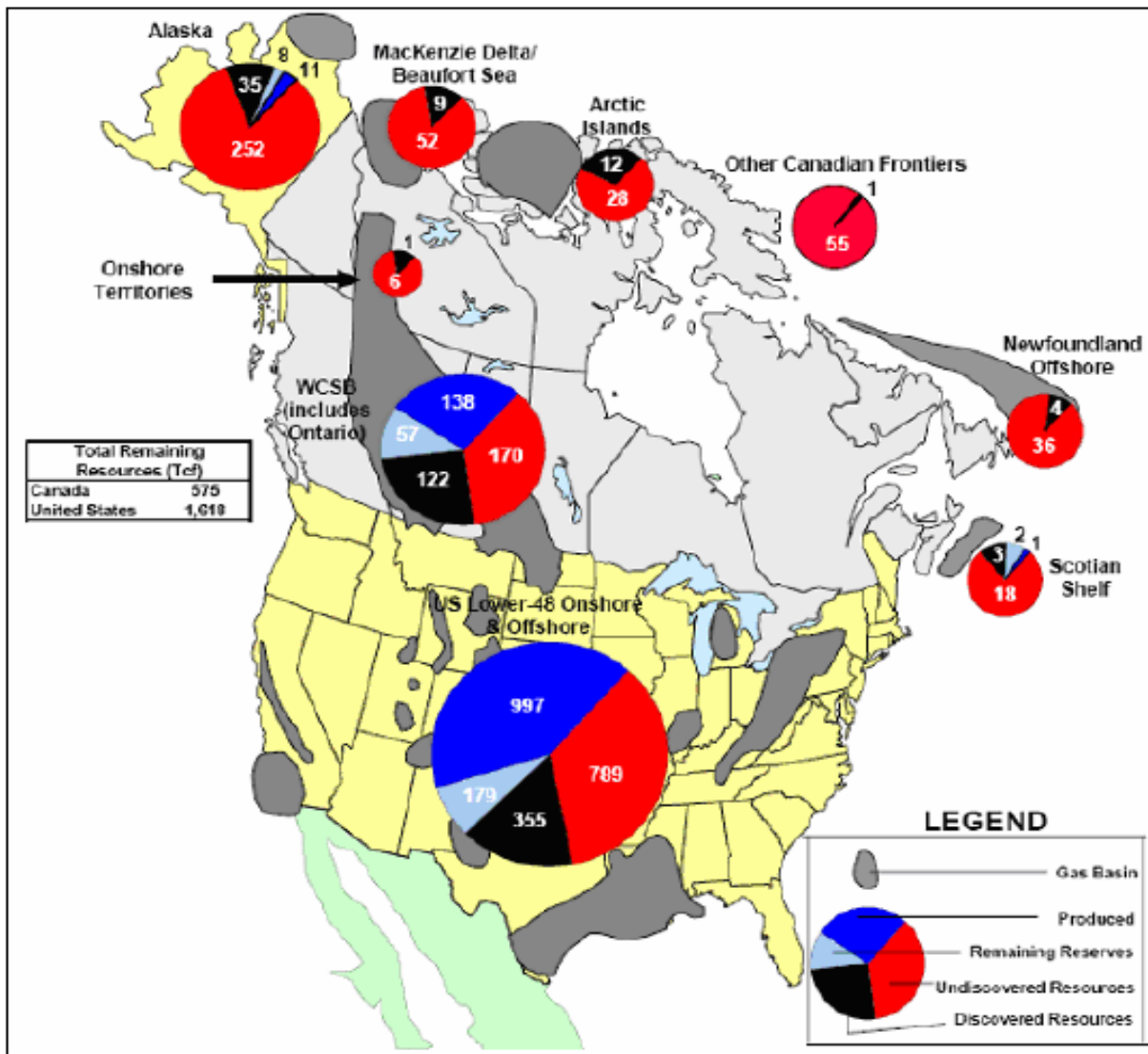


Figure 3.9.6 – Canadian and U.S. Natural Gas Resources and Reserves (Tcf)



Sources: NEB, EIA, MMS, USGS, reproduced in NRCan

(Obtained from OPA Supply Mix Advice and Recommendations, December, 2005)

Total Canada (Tcf – Trillion Cubic Feet) (Canadian Petroleum Producers)

- ◆ Proved Reserves (Jan 1/03): 59 (56.5 in 2005)
- ◆ Discovered Resources: 151
- ◆ Undiscovered Resources: 365
- Total Remaining Resources 575

This results in a Reserves/Production ratio of 9.3 years. (CERI – World Energy: The Past and Possible Futures)

◆ **Proved reserves** are estimated quantities that analysis of geologic and engineering data demonstrates with reasonable certainty are recoverable under existing economic and operating conditions. (US Energy Information Association, Jan 2006)

◆ **Discovered Resources** - Estimated quantities of gas in known drilled reservoirs, which are too remote to be connected to existing pipelines and markets. If pipelines were built, gas volumes would be recoverable under existing technological and economic conditions. (Natural Resources Canada)

◆ **Undiscovered Resources** are “An estimate, inferred from geological data, of gas volumes thought to be recoverable ... but not yet discovered by drilling.” These include “unconventional sources” of gas such as coalbed methane, shale and tight gas. (Natural Resources Canada, Review of 2004)