Reports and Papers Submitted by J. Wiseman

May 5, 2015

1 – (J. Wiseman comments) "Long Term Effects of Fracking on Human Health and the Environment"

Potential Health and Environmental Effects of Hydrofracking in the Williston Basin, Montana

http://serc.carleton.edu/NAGTWorkshops/health/case_studies/hydrofracking_w.html

May 10, 2015

2 – (J. Wiseman comments) "Scholarly Work in California Saya No to Fracking"

The Environmental, Social, and Economic Impacts of Hydraulic Fracturing, Horizonal Drilling, and Acidization in California

http://scholarship.claremont.edu/cgi/viewcontent.cgi?article=1838&context=cmc_theses

3 – (J. Wiseman comments) "Scholarly Work in California Saya No to Fracking"

Evaluating a groundwater supply contamination incident attributed to Marcellus Shale gas development

http://www.pnas.org/content/early/2015/05/01/1420279112

May 13, 2015

4 –(J. Wiseman comments) "This posting supports my contention in The Elephant that West Coast Fossil Fuel should be left in the ground. It not only will contribute to climate change but risk of extraction is complicated by lack of knowledge of a comples geological formation. I quote "However, the Green Point shale is not a simple package in a consistently layered sequence but is hosted by an allochthon that has travelled at least 200 km to its present location and is known to be complexly deformed. The rocks in the allochthon are folded, locally repeated by thrusts, and thickened, or pinched out due to multiple tectonic events.
Because of a scarcity of good geological data, there is currently no way to reliably and accurately depict or predict the extent, location, rock characteristics, or shape of Green Point shale layers below the surface. It is therefore, not feasible to present a model for unconventional shale gas/oil exploration in the area. ""

GEOLOGICAL OVERVIEW AND HYDROCARBON POTENTIAL OF CAMBRIAN–ORDOVICIAN STRATA OF THE OUTER HUMBER ZONE, WESTERN NEWFOUNDLAND

http://www.nr.gov.nl.ca/nr/mines/geoscience/publications/currentresearch/2015/Hinchey-A-2015.pdf

May 21, 2015

5 – (J. Wiseman comments) "Climate change is real. Burning fossil fuels to generate energy contributes to global warming and climate change through carbon emissions. Alternative sources of energy have been shown to be more environmentally friendly. If we do not convert, we risk the extinction of the human species. There is a cost to transition. The cost is unarguably preferable to death. NL should ban fracking rather than add a new source of fossil fuels to be burned as an energy source and thus help exacerbate deadly climate warming. MIT has released a report that supports the transition to solar energy.

The MIT report attached as a web link states "A policy of pricing CO2 emissions will reduce those emissions at least cost. But until Congress is willing to adopt a serious carbon pricing regime, the risks and challenges posed by global climate change, combined with solar energy's potential to play a major role in managing those risks and challenges, create a powerful rationale for sustaining and refining govenment efforts to support solar energy technology using the most efficient available policies.""

MIT Study on the Future of Solar Energy – Executive Summary

http://mitei.mit.edu/system/files/Executive%20Summary_compressed.pdf