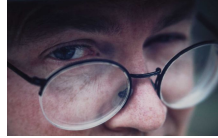


FRACK EU: UNCONVENTIONAL INTRIGUE IN POLAND



A Preliminary Investigation of the Fracking Assault on Poland



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(For the complete report chapters index, refer to the B.C. Tap
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CHAPTER 1: Who Fracked Poland First?

1. WHO FRACKED POLAND FIRST?

Apparently, it was only some 16 months ago in July 2010 that Poland had its very first deep shale gas frack operation.¹ It was not, however, the first such shale frack in Europe - that occurred in its western neighbouring state of Germany. It happened in southeast Poland in the Lublin province. According to early reports released by Halliburton, one of the world's top three petroleum service companies, it occurred near the town of Kozenice, located some 80 kilometres south of Warsaw.



It is ironic that Halliburton, under the employ of PGNiG, “a Polish state-controlled oil and natural gas company”,² was the first hydraulic fracturing service company to do so. Ironic because it was former Halliburton CEO boss Dick Cheney, the former two-term United States vice president, who many accuse of being ultimately responsible for the Republican Bush administration in facilitating the “Halliburton Loop-Hole”, namely the 2005 exemption of hydraulic fracturing procedures from federal regulations in the U.S. *Safe Drinking Water and Clear Water Acts*.

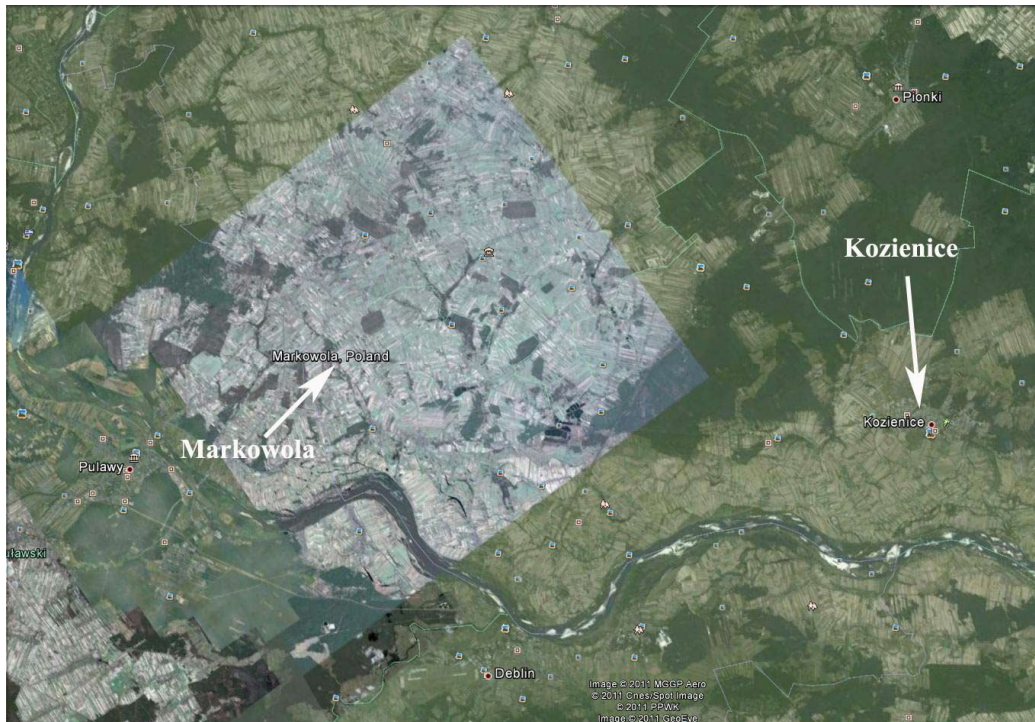
Cheney was recently on a scheduled speaking tour through Canada promoting his new autobiography, *In My Time: A Personal and Political Memoir*. Numerous protesters appeared outside of his speaking engagements, highlighting Mr. Cheney's “war crimes”. However, there were no reports mentioning, or images showing, demonstration posters or individuals calling attention to his sordid reputation concerning the Halliburton Loop-Hole (“environmental crimes”) primarily responsible for opening the fracking flood-gates, legitimizing the “shale gale” fracking

¹ Halliburton website (www.halliburton.com), *First Shale Fracturing Operation in Poland*. See Appendix A for a copy of the full text. The Energy Information Administration's 2011 World Shale Gas Resources document reported that Mexico's “first shale gas” would occur in late 2010, Tunisia's first shale gas frack (for all of north Central Africa) occurred in March 2010, Morocco would have its first shale frack in the second half of 2011, that India had its first frack northwest of Calcutta in September 2010.

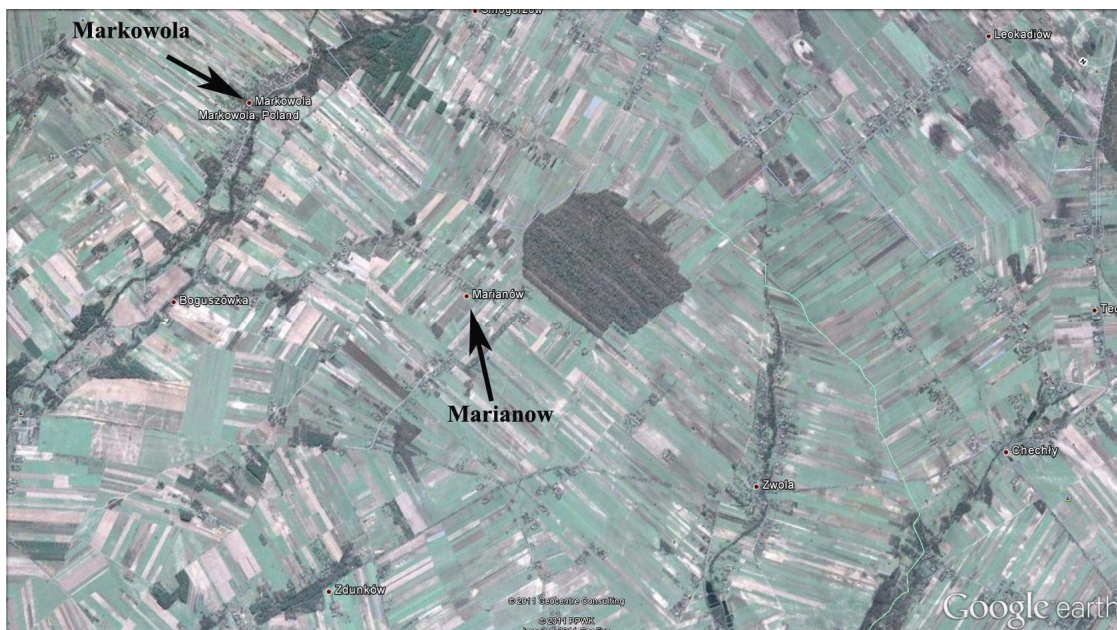
² Wikipedia, PGNiG. PGNiG is “listed on the Warsaw Stock Exchange.”

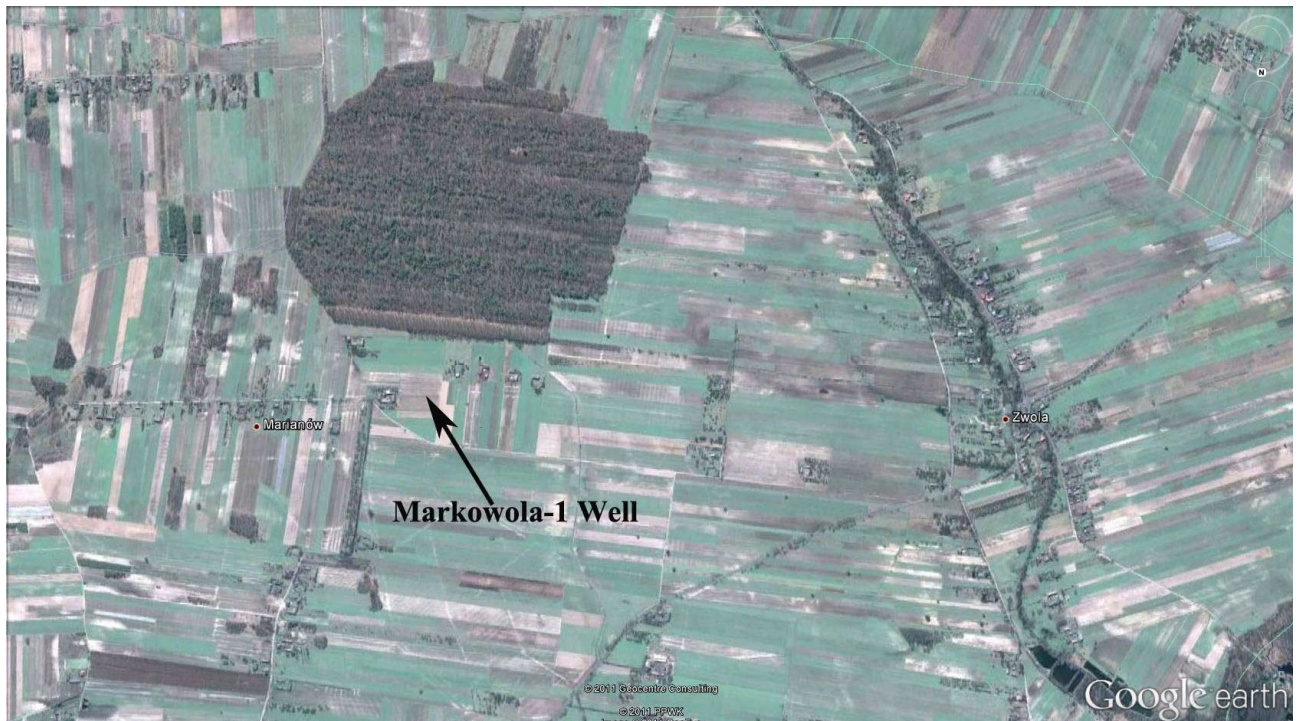
assault on public and private lands throughout the U.S., and therefore responsible for helping cover up the ever-looming deep shadow of inter-corporate public liabilities related to fracking.

The Halliburton company news article of July 2010 (see Appendix B) that described this ‘historic’ event isn’t accurate about where the company actually fracked. It occurred some 23 kilometres farther south of Kocienice, and just west of the small town of Markowola, right in the middle of the quaint countryside farming village of Marianow. It’s somewhat curious as to why Halliburton may have been so vague about the location. Perhaps the company wanted to avoid unnecessary public attention on the area in question, seeing that it was Poland’s first ‘brute force’ frack.



Markowola and Marianow are located just west of Poland’s largest river, the 1,050 kilometre-long Vistula.





Poland's first frack was conducted in the middle of an agricultural community, where, most likely, community residents rely entirely on groundwater for drinking water, domestic and agricultural use. These are the same conditions or agricultural surroundings where energy companies want to frack in lower Quebec, Canada, where residents are deeply concerned about their water, air and peace and quiet, and strongly resisted the frackers. Companies with fracking concessions in Poland want to frack "thousands" of shale gas and oil wells in Poland. (Photos from Google Earth.)



The PGNiG corporation posted a series of photographs from its Poland-based company website, photos depicting before and after scenes of the land where Halliburton conducted its fracking operations. Eleven of these photos are shown below.



The middle area of the top photo has an arrow, the point of which is the location of the signs below. The sign to the left, marked “Markowola 1”, was placed before the pad area was cleared by machinery. The sign to the right, caked in dirt, was after the area was cleared and excavated.





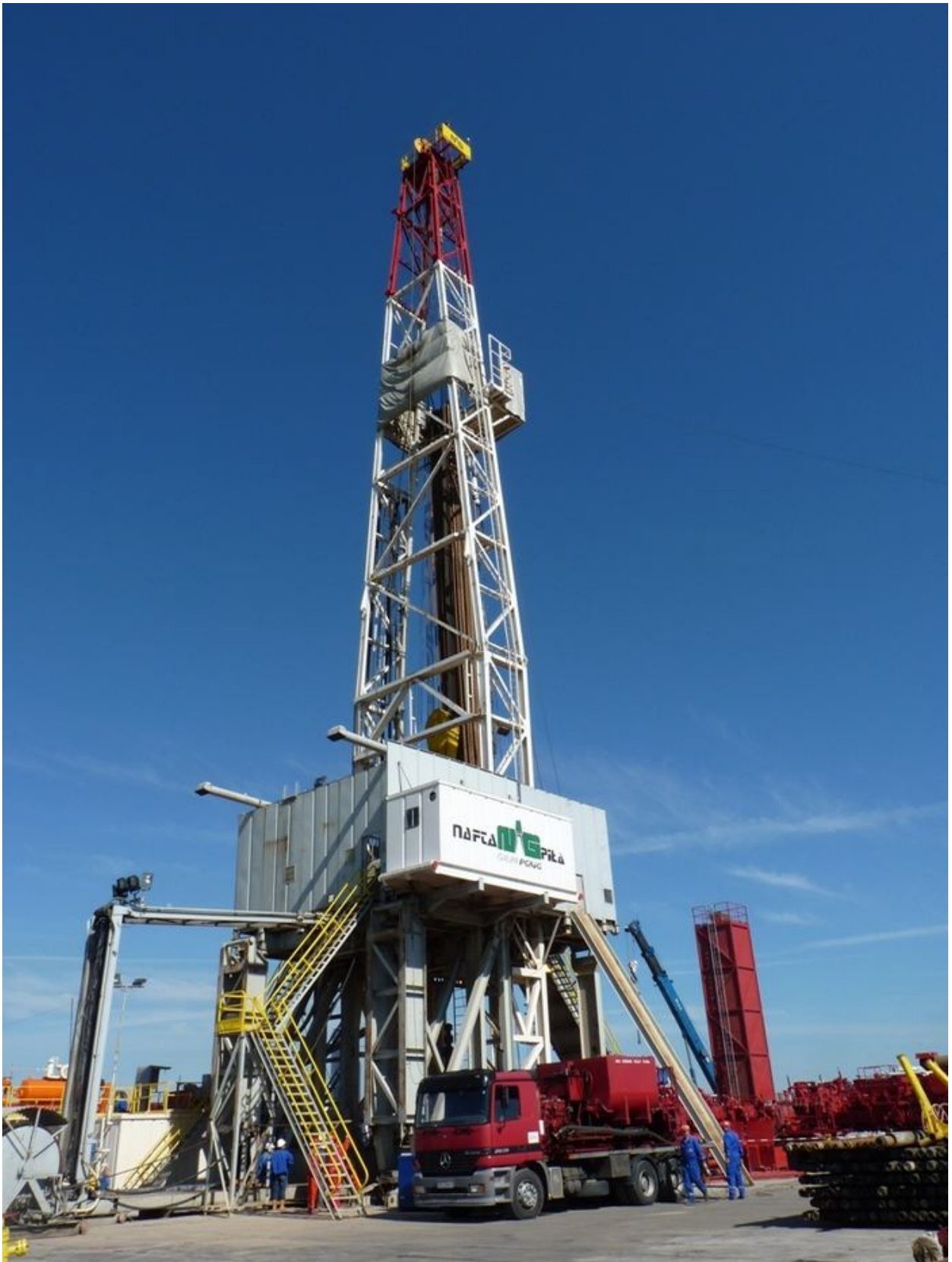
Photos of the area cleared and excavated for drilling fluid and water pits and pad location. In the bottom photo, in the distance, are the stacks of wooden platforms for the fracking pad.





Drilling equipment, derrick and rig tower suddenly appear in the quiet hamlet.





PGNiG's drilling rig.



Powerful diesel engines frack around the clock. Some questions: What happened to the drilling fluids? How much water was used? How many fracks were conducted? What happened to the toxic waste waters? Will the community's water be poisoned? Will the well casing leak gas? How many more wells nearby? After it's all over, time for show and tell with Prime Minister Donald Tusk to congratulate another well site in northern Poland, just before Poland's election in early October, 2011. Note the flaring of gas near the farms.



Halliburton – informacje podstawowe



Copy of one of Halliburton Poland's presentations, 2011, showing the company's global operations.

