

Subject: : Conservation

Topic: : Frack it.

Re: Frack it.

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URL:

Yeah, we've been hydro-fracking in PA since the 60's at least. What's new is horizontal drilling. Which greatly expands the volume of the hole. Which greatly expands the volumes of fluids used, and the pressures at which they are used.

From what I understand, yes, injection wells for the wastewater have been known to trigger earthquakes if they cross a fault. They try to avoid known faults. But there are a lot of faults and not all of them are known.

Also, you're not adding the energy for an earthquake. You're triggering it, meaning the energy was pre-existing. That earthquake WAS going to happen sometime. Perhaps a thousand years from now, but it was going to happen. I think it's a huge unknown on whether the injection wells result in smaller, more frequent events or larger, less frequent ones than would be otherwise natural. But one of the two would have to be true.