

Subject: : Conservation

Topic: : Frack it.

Re: Frack it.

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URL:

The latest research on hydraulic fracturing induced earthquakes:

[Durham University](#)

Went to a presentation a while back on monitoring a frack job using micro-seismic. Initially, they tried from the surface but couldn't pick up anything beyond background noise. So they drilled another horizontal well in the rock a couple hundred feet above the shale, between two other wells they intended to frack. Even then, they couldn't hear anything beyond 1000' away.

Where they were able to get a response, they could plot location and timing of the fractures. The data showed they stayed in the shale, but went twice as far laterally as they previously thought. They were fracking the boreholes too close together, and each new frack job was partially closing in the previous one.

At least that was the justification for spending several million dollars on a research experiment.