

Case History: Gasland

Name _____

This film is a good fit for GLG110 blending energy w/ groundwater, surface water, & air quality. Though 1.7 hours long, I think you'll appreciate it. Watch the first 45 minutes. Some answers may take an hour to complete in full. Patience. This is worth more points than normal as it is long and requires outside research. The questions are only 10 and open-ended so you can do your own research. Use the web, Luke! If you get frustrated, take a walk, plant a tree, paint happy birds. :)

https://www.youtube.com/watch?v=MqVPLbL_Y-E&t=25s

1. A fracked well can use _____ gallons of water, a well can be fracked up to _____ times, & as of this film there were _____ fracked wells. Each hole requires _____ truck trips.
2. Fracking is happening in the states of... _____, _____, _____, _____, _____, _____, _____.
3. Why doesn't fracking have to abide by the Safe Drinking Water Act of 1972?
4. This film contains a lot of anecdotal information, though we like hard data in science. Record below 4 pieces of data from the film that aren't already on this film review - not names, not opinions but data, facts, numbers, research results.

A

B

C

D
5. Describe or draw (on the back) the process of fracking.
6. Fracking companies testify that there has been no contamination caused by fracking. What do you think?
7. If you owned 40 acres ($\frac{1}{4}$ of $\frac{1}{4}$ of a section or square mile), and owned your mineral rights to what was under your land, would you sell those rights to a geologic extraction company? Explain your rationale.
8. Two benefits of fracking are...

A

B
9. Find on the web what oil companies say about this film. Where do they say the film is wrong? Include the URL.

- What Oil Companies Say

- URL

- What I think about what they say.
10. On the back, record 3 of your thoughts, questions, or something that struck you in the film or research. Sentences!

More information about [Dimock, PA - Wikipedia](#)

More about [the guy at 39:00 whose well sprayed out methane](#).