

Name: _____ Date: _____ Period: _____

Gasland

Answer the following questions while you watch the movie. **Please be quiet so that everybody can hear the movie!!!**
The questions go in order.

Intro

- 1) Who signed the Clean Water Act into law in 1972? _____
- 2) About how much would the narrator receive for leasing his land for natural gas drilling? _____
- 3) List at least one of the environmental laws that natural gas companies managed to get themselves exempt from.
- 4) What is hydraulic fracturing (a.k.a. fracking?)

Water Water Everywhere and Not a Drop to Drink

- 5) What state are they focused on in this section of the video? _____
- 6) What's happening to Debbie May's animals?
- 7) Where did the mystery liquid in the jar come from?

Life in the Red Zone

- 8) What are the Mendenhalls able to do with their water?
- 9) Jesse and Amee Ellsworth have contaminated water that can also be lit on fire. The drilling companies deny causing the problem, but they are still supplying them with what?
- 10) What kind of health problems are experienced by the blond lady (Renee McClure) and her family, who have been drinking their contaminated water for years?

The Whistleblower

- 11) Who does the whistleblower work for? _____
- 12) What was the law's review panel's conclusion?
- 13) The 2005 Energy Policy Act exempted natural gas drillers from which important environmental law?
- 14) List a couple of the dangers associated with "Glycol Ether"

Easter in Wyoming

- 15) How does the first family in this segment describe their water?
- 16) The family won their lawsuit and the gas company was forced to put in a "Reverse Osmosis" Machine. Why did this not solve the problem?
- 17) The next farmer has 24 natural gas wells on his property. He has to feed the contaminated water to his cattle. Would you eat the meat from those cows?

18) What are some of the negative health effects experienced by this family?

Your Land My Land Gasland

19) What are the gas fields he's at called?

20) What is BLM land?

21) How much of the water that goes into the well comes back up?

22) Part 2: The Pits: What is in the flowback pits?

23) Part 3: Evaporation Sprayers: What is the purpose of evaporation sprayers?

24) Part 4: Venting: What happens during the venting?

25) Part 5: Condensate Tanks: What type of pollution is released from condensate tanks?

26) What instrument is he playing? _____ Do you like it? _____

Drop Everything, Clear Your Schedule

27) Why can't the sick people go public with their story? What have they signed?

Dr. Theo Colburn

28) How many different chemicals has Dr. Theo Colburn discovered as part of the fracking process? _____

29) What are the health problems of some people in Garfield County?

30) What's happened at Divide Creek in 2008?

31) Why is she keeping the dead animals?

The Air over Forth Worth

32) Roughly how many wells are there around Forth Worth? _____

33) What is there more of in this area? Oil and Gas emissions or car emissions?

34) What is the "stuff" coming up off of the condensate tanks?

35) Why did "Dish, Texas" change their name to Dish?

36) What was found in the bottle of mystery water from earlier in the documentary?

Throwing Water on a Drowning Man

37) Watch the John Hanger interview. **Who does he think he is?**

38) How does it make you feel that all of the chemicals listed by the businessman at the meeting get pumped into groundwater supplies?