

Questions to ask about gas well drilling before signing a lease:

How much will I get in royalties and how long are they paid?

- Is that amount consistent over that period? Often there is a huge decrease in production after the first few years. (2 years: 80%)
- Do you have to pay taxes on royalties? How much?
- Calculate ahead of time on Marcellusgas.org

How much is a half acre lease worth? My research says about \$14-\$18 a month. Where is all this gas going to end up anyway? Staying in Pennsylvania?

How do I know if I even own my mineral rights?

Should you ask your mortgage company for permission before signing a lease?

<http://preservethebeartoothfront.com/2014/04/03/mortgage-lenders-increasingly-worried-about-fracking/>

-In this article: “...Freddie Mac’s standard mortgage contract prohibits a “borrower from taking any action that could cause the deterioration, damage or decrease in value of the subject property.” If a landowner breaks that clause by signing a drilling lease or entering into a mineral rights agreement, Freddie Mac has the legal authority to exercise a call on the full amount of a mortgage...”

Will my home owner’s insurance cover any damage done as a result of this gas well?

How many wells do you plan to have in Penn Township?

How are you going to transport the gas from a well near my home?

- Are you going to build pipelines?
- Where are the pipelines going to be?
- Have these pipelines ever exploded?
- Do you have plans for a compressor station (I hear those are loud)?

Are you going to come back and drill additional wells?

How many times can each gas well be “fractured”? Is it true wells can be “fractured” as many as 10 times?

Specifically, **what chemicals, additives, surfactants and/or solvents will be used during the “fracing” process(es)?** See articles: *What’s in that Fracking Fluid? And, 18 Cows Die From Apparent Chemical Release.*

Specifically, **how much of each chemical, additive, surfactant and/or solvents will be used during the “fracking” process(es)?**

Where will the toxic brine and “fracking” water be stored?

How much of that “fracking” water stays in the ground and how much is collected?

How much water from will be used to drill *each gas well?*

Questions to ask about gas well drilling before signing a lease:

- How many trucks will that take?
- Are they coming from local water sources?
- What are the names of these water sources?

How many waste water trucks will it take to remove waste from well?

Will these trucks be running during the hours school busses are running?

-I heard it will be 24/7 at the meeting in the ZHB meeting

How many trucks will be used for drilling operations: please specify truck traffic per hour, per day, per week. Communities already experiencing this type of drilling have seen 200-300 trucks, per day, on local roads. Will this be the same in Penn Township?

Specifically, where will the toxic brine and “fracking” water be disposed of? Please provide the approved facility name, address and phone number, in writing.

Will drillers create “frack ponds” on any local lands during the drilling process(es)?

-local ordinance states you must use a closed loop system. What does that mean?

Will the drilling be noisy? How long does that continue? Is that 24/7?

Will lights be used on the drill site? Will these lights be operational throughout each night of the drilling process?

Large “flares” are typically part of the Marcellus Shale Gas Well Drilling process. How large in size will “flares” associated with Penn Township drilling projects be: feet of stack ... and feet of the actual “flaming flare?” And, will these “flares” remain after the drilling has been completed?

Where do the men working on the well come from?

-Where will they be living while they work here?

Currently, PA DEP only requires Erosion/Sedimentation plans and Storm Water Management Permits for drill sites 5 acres or more. However, most, if not all drill sites are currently being permitted at 4.9 acres. In my neighborhood: **Will PA DEP require drilling companies to have permits for Storm Water Management and/or Soil and Erosion/Sedimentation plans in Penn Township?** If not, why not?

If there are storm water management and/or soil and erosion problems: who is responsible for all clean up costs?

If drillers are not responsible for these clean up costs, **will the landowners or the local municipality be responsible for these clean up costs?**

Will the PA DEP require sound restricting buildings to be used at drills sites in Penn Township? If not, why not?