

Hydraulic fracturing wk 3 deliverable

Law



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Hydraulic Fracturing Wk 3 Deliverable Hydraulic Fracturing Wk 3 Deliverable
Legal Issues Safe Drinking Water Act People have urged that Hydraulic Fracturing does not consider the rules and regulations of the Safe Drinking Water Act (Loris, 2012). This is because it contaminates water in the ground and sea as the oil leaks contaminates drinking water.

Energy Policy Act

This policy comes in with regards to the injection wells caused by Hydraulic Fracturing. An injection well refers to a vertically drilled pipe which fluids are pumped and allowed to flow (Tiemann & Vann, 2011). These pipes have caused massive damage to the ground, and are considered unworthy for their task.

Environmental Impacts

Air Quality

The vital Hydraulic Fracturing-associated air emissions are for instance methane emissions (Tiemann & Vann, 2011). This occurs during emissions and fracturing from hydraulic fracturing tools like the compressor stations (Hall, 2006). Methane is a crucial pollutant that can cause death when not properly controlled.

Earthquakes

A number of earthquakes comprising of a magnitude 4.0 tremor, which hit Youngstown, Ohio, all through 2011 are likely associated to a disposal well for inserting wastewater used in the hydraulic fracturing procedure. This finding is with regards to seismologists at Columbia University (Sandra, 2012).

Meeting U. S. Energy Needs

Proponents or advocates of hydraulic fracturing advertise its potential to
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make the U. S. the globe's largest oil producer. They consider that is will make that United States the world's energy leader (Tiemann & Vann, 2011). Advocators also argue that the endeavor will give its motherland energy independence meaning that the United States will not depend on other nations for energy. This will also increase the trade of the United States as they can also sale energy to foreign nations.

References

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