

HOW NATURAL GAS DRILLING CONTAMINATES DRINKING WATER SOURCES

11. Toxic fracking fluid waste is dumped in poorly constructed and sometimes unlined pits and seeps into local waterways and aquifers

10. Concentrated methane gas creates flammable water and poisonous fumes



9. Residential wells pump water unsafe for use from contaminated aquifers into homes



8. Toxic fracking fluids, benzene, methane and other carcinogens pierce and pollute local aquifers

7. High pressure creates more fractures, releases methane gas and forces toxic fracking fluid upwards

6. The majority of fracking fluid remains in the ground and is not biodegradable

1. A mixture of millions of gallons of water, chemically treated sand and toxic chemicals is injected under high pressure into drilling well

2. Toxic fracking fluid spills from pipes, open valves and transporting vehicles and contaminates local waterways

3. Fracking fluid leaks through fissures and contaminates aquifer

4. Fracking fluid is pumped 7000 ft or more down and a similar distance horizontally to release natural gas

Gas producing rock formation



Proppants like ceramic keep fractures open

5. Fracking fluid injected at high pressure creates fractures and releases natural gas

DIAGRAM NOT TO SCALE
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