

OKLAHOMA EARTHQUAKES

“induced seismicity” ?

“injection of proprietary (secret) chemicals” ?
(**FRACKING !**)

Across central Oklahoma:

BEFORE: average 2 small quakes per year

AFTER: 585 quakes first year under heavy fracking
(including a 5.7 quake in 2011)

HYDRAULIC FRACTURING FACTS:

- *One well requires 1.5 million gallons of water
(150 trucks @ 10K gallons / truck)
- *Injected fluid is 98% water / 2% chemicals
- *Of 1,076 chemicals in use, 453 persist in the environment
Most of 453 have “low aqueous solubility”
(chemicals (like benzene) remain in the water)
- *Methane leaks (potent greenhouse gas)
- *Industry quote: “There is a significant data gap
for hazard identification”
 - *EPA sitting on a vast pile of data
“DO NOT CITE OR QUOTE”
 - *Associated civic problems
property disputes - police calls - rent hikes

GREEN NEW DEAL

- Duty of the Federal Government (p.5) (1)
- Universal Access to Clean Water (p.6) (2, B, ii)
- Transition to Renewables (p.7) (C, i)

Gas fracking is a dangerous toxic current practice of dangerous, toxic resource extraction. Much harm has been done but we can reverse direction.