

## CLAIM

**60 percent of all shale wells will fail**, which will result in polluted underground aquifers and damage to the environment

VS

## FACT



Ground Water Protection Council found only a **0.3% failure rate** on more than 34,000 onshore wells drilled in Ohio between 1983 and 2007

Source: Ground Water Protection Council (GWPC) August 2011 Report [http://frac-focus.org/sites/default/files/publications/state\\_oil\\_gas\\_agency\\_groundwater\\_investigations\\_optimized.pdf](http://frac-focus.org/sites/default/files/publications/state_oil_gas_agency_groundwater_investigations_optimized.pdf)

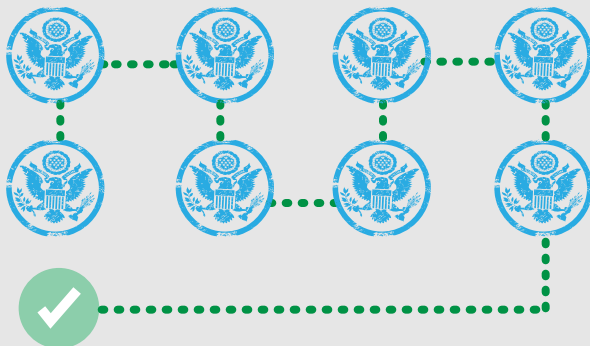
## CLAIM

Oil and gas producers have **"taken the regulatory agencies away from the people"**

VS

## FACT

Oil and gas producers have to comply with **at least 8 federal laws** in addition to extensive individual state and local laws



Source: Government Accountability Office (GAO) <http://www.gao.gov/assets/650/647782.pdf>

## CLAIM

Natural gas developed from shale actually **increases net greenhouse gas emissions**

VS

## FACT

From 1990 through 2010 the natural gas industry **reduced methane emissions by about 20 percent**, while natural gas production has grown by nearly **40 percent**



NATURAL GAS PRODUCTION

METHANE EMISSIONS

Source: U.S. EPA; Associated Press - <http://bigstory.ap.org/article/epa-methane-report-further-divides-fracking-camps>

## CLAIM

**Water supplies were contaminated** in Texas by methane and benzene as a result of nearby fracking operations carried out by gas company **Range Resources**

VS

## FACT



"Range Resources' operations of the wells **did not contribute** to the contamination of any domestic water wells"

- Railroad Commission of Texas

Source: Railroad Commission of Texas, Range Resources Investigation Report (pg. 11) <http://www.rrc.state.tx.us/meetings/ogpfd/RangePFD.PDF>