



COLORADO FRACKING FACTSHEET

Anadarko
PROVIDING FOR TODAY
INNOVATING FOR TOMORROW

Our Mission

Anadarko Petroleum Corporation's mission is to deliver a competitive and sustainable rate of return to shareholders by exploring for, acquiring and developing oil and natural gas resources vital to the world's health and welfare. As of year-end 2016, the company had approximately 1.72 billion barrels-equivalent of proved reserves, making it one of the world's largest independent oil and natural gas exploration and production companies.

Colorado Fracking Facts

1. The History of Fracking:

- Fracking was developed about 70 years ago in the 1940s, and the process has improved over time with technology.
- 1.2+ million wells in the U.S. have been fracked.
- 95% of the 100,000+ wells in Colorado have been fracked.
- In Weld County – home to 20,000+ wells – fracking has been around for 40+ years.

2. Fracking fluid consists of about 90% water, 9.5% sand and 0.5% chemicals.

- The chemicals used in fracking fluid are found in many household products. They are used to clean up the water and to help us pump fast enough to carry the sand.
- Fracfocus.org details the ingredients for each application. It is available to anyone at any time.

3. Fractures are as thin as a strand of hair and generally less than a few hundred feet long.

4. Fracking is a temporary process, typically lasting three to five days per well.

Why do we need to frack?

- Geology: There are very, very, very small holes in shale rock.
- Fracking is like a highly engineered transportation system for getting the oil and natural gas to the wellbore.
- A well that is drilled but not fracked won't produce.

Protection of Water

- Wells are constructed with multiple layers of steel pipe, also called casing, and cement that generally run 1,800 feet below the surface to protect groundwater.
- Fracking occurs 7,000 feet (more than a mile) below the surface. That's equal to a 700-story building. For reference, the tallest in Denver is 56 stories (714 feet). Remember, it's solid, impermeable rock all the way down.
- Fracking accounts for only 0.12 percent of Colorado's total water usage. By contrast, agriculture, municipal and industrial uses account for more than 92 percent of consumption.



Fracking Process



Frac Sand

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“Fracking is good for the country's energy supply, our national security, our economy, and our environment.”

– Governor John Hickenlooper

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“Hydraulic fracking is very much a necessary part of the future of natural gas.”

“I would say to everybody that hydraulic fracking is safe.”

– Former Interior Secretary and Colorado native Ken Salazar

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