

Select: 

## FAQ

 [Disq](#)

### Where can I find more information on hydraulic fracturing?

At a time when society demanded a clean, abundant, reliable, versatile, and secure source of American natural gas producers like Range Resources delivered. Thanks to the application of new technologies and American ingenuity, the United States now enjoys a growing 100-year supply of burning natural gas. As such, we are experiencing an energy renaissance thanks to America's natural gas.

Natural gas developed from layers of shale found more than a mile below the surface have become game changers for clean energy development. These new resources have only begun to be developed in recent years, but the technology is proven and well understood.

By many accounts, energy is the issue of our generation and with all of this newfound attention on natural gas it's normal for engaged stakeholders to want to learn more. The proven technologies employed in our industry have been safely used and perfected since the 1940s. Specifically, hydraulic fracturing stimulation is a safe, proven and important technology to developing America's natural gas.

More than 30 state and federal regulatory agencies have studied this technology, which involves injecting fracturing fluid into a deep formation to stimulate the release of natural gas. In short, these studies show the technology is safe and well regulated. More than 99.5% of the fracturing fluid is fresh water and the rest is a blend of common additives that are a part of our everyday lives – or as one report put it, essentially “soap.” All of these additives are public knowledge and are carefully managed and isolated by a highly diluted blend through multiple layers of fully cemented steel casings to fully isolate from the surrounding rock.

This technology has been safely used in more than 1 million applications in the United States with an exemplary safety record. In fact, there are ZERO confirmed cases of water contamination caused by hydraulic fracturing.

Natural gas offers a once-in-a-generation opportunity to improve our nation's clean energy portfolio while strengthening our economy and environment. As one of America's leading natural gas producers, we are committed to responsibly develop this resource and to being open, honest and transparent. This document will help you gain a greater understanding of the advanced technology of hydraulic fracturing stimulation and the extensive studies and reports that have been compiled by state and federal regulatory agencies.