



With opportunity Comes Responsibility

Right now, in the hills and valleys of Western Pennsylvania and northern West Virginia, lies one of the most important natural resources in America – the Marcellus Shale. This geological formation is estimated to contain enough natural gas to meet the energy needs of every American home, business and industry for the next 20 or so years, *all on its own*.

Marcellus Shale provides an opportunity for our entire country, helping reduce our nation's dependence on foreign oil. But with this great opportunity comes great responsibility: harvesting this natural resource while protecting our water and air, being good stewards of the land, and in general, being a good neighbor.

EQT is one of the largest exploration and production companies working in the Marcellus Shale. We know that with any commercial activity, there are risks. Identifying risk, and where possible, eliminating it from the equation, is at the heart of EQT's environmental commitment.

Guiding Principles

At every step in the drilling and hydraulic fracturing process, EQT is working to protect the environment. The company has developed a comprehensive production plan titled, "**Marcellus Operations Guiding Principles**," which defines numerous areas critical to the safe production of natural gas, and provides a foundation for training and operations within the company's drilling, completions, and production activities.

Water Protection

EQT is often asked about how we protect water quality, and how we dispose of the water we use in the drilling process.

Before we drill, we test fresh water at every location to make sure we know the quality of the water before we start. Then, after we complete drilling, we again sample the water to verify that its quality has not been impacted by our operations.

Every well we drill is protected by at least three layers of pipe and three layers of cement that sit between the gas well and the freshwater aquifer.

Our spill prevention plans are industry leading, and we reuse or recycle virtually all of the water produced during drilling and hydraulic fracturing. The remaining water is sent to either EPA-approved underground wells or Department of Environmental Protection-certified industrial treatment plants.

In addition, EQT was among the first companies to voluntarily publish a list of our hydraulic fracturing additives, both on our website, www.EQT.com, and on FracFocus.org, a national

registry maintained by the Groundwater Protection Council, a leading environmental group.

Air Quality

EQT understands people are concerned that developing natural gas wells could impact the air. We continually evaluate new technologies and processes for reducing emissions for each step of natural gas production, from drilling through completion. Now in its third year, EQT's greenhouse gas program measures and assesses our emissions from every source, including production wells, pipelines, compressor stations, and vehicles.

Where the infrastructure is in place, we are working to implement green completion methods designed to eliminate the need for flaring hydraulically-fractured wells. In addition, we are exploring the use of natural gas-powered drill rigs and completion equipment at well sites.

To safeguard our pipelines, EQT uses high-tech aerial surveys, which can remotely detect potential issues before they arise. Our pipelines are further protected with anti-corrosive coatings that reduce rust. When repairs are required, EQT uses nitrogen to purge pipelines instead of natural gas, another step taken to reduce emissions and improve air quality.

We are also retrofitting our compressor stations with state-of-the-art equipment, including low-emission compressor engines that are equipped with automated ignition control systems to reduce the number of startups and shutdowns.

Additionally, we promote the use of natural gas as a transportation fuel, because it is the cleanest burning hydrocarbon, and importantly, will lessen America's dependence on foreign oil. In July, EQT opened a compressed natural gas fueling station in Pittsburgh's Strip District, and is converting a significant portion of its own fleet to natural gas.

Land Restoration

Once drilling and development are complete, we collaborate with property owners and the community to restore the land to its original condition. Land is reforested. Farms are restored. Over the past two years, EQT has invested \$7.3 million to improve roads and infrastructure. Throughout this process, EQT teams with others, including the Wildlife Habitat Council, to study the native environment and enhance the local habitat.

Because we live here and work here, we understand the importance of the responsible care of our land, air, and water. We are driven by a unique perspective, forged from our 120-plus-year presence in Western Pennsylvania. Over the coming weeks, we will continue the dialogue to ensure that we meet our promises to our neighbors, friends, and family in the region.



Where energy meets innovation.

625 Liberty Avenue Suite 1700
Pittsburgh, PA 15222
412.553.5700

www.eqt.com