

Welcome to the Neighborhood.

Through a 2011 joint venture with CONSOL Energy, Inc., Noble Energy entered the Marcellus Shale – one of the largest natural gas shale plays in the United States.

Before launching operations in the Marcellus Shale, we listened to the local community to gain perspectives and understand concerns. We found that stakeholders expressed support for development, but were concerned about the impacts of increased traffic and heavy equipment on local infrastructure and of oil and natural gas operations on the environment. We used the information gathered to modify our operational plans in ways that help mitigate community concerns.

To build on what we heard and increase local awareness of how we operate, we hosted three drilling rig tours in 2012 – one for a group of local residents, one with local and regional government representatives, and one for the junior class of Cameron High School in Marshall County, West Virginia. These tours provided participants an opportunity to see firsthand how drilling rigs operate, and ask questions about oil and natural gas drilling, development and distribution.

Respecting the Environment

To address the Marcellus Shale community's concerns about heavy equipment and large trucks on roads, we developed a Road Use Commitment to:

- Identify and use reputable and certified contractors for large equipment and supply transportation.
- Coordinate with school districts and communities to avoid heavy equipment and truck movement during school transportation and peak traffic hours, and use staging areas to reduce the number of trucks on the road.

- Pledge to repair property damage by taking a “we break it, we fix it” approach, acknowledging issues and working with stakeholders to address them.

We also developed workshops to train first responders on potential scenarios associated with oil and natural gas exploration and production operations. See pages 19–20 for more information on our approach to emergency planning and corresponding initiatives.

Noble Energy emphasizes fresh water quality, reuse and access in and around the communities where it operates. We take baseline samples of water quality around onshore wells before drilling begins to help us make informed decisions about future water use. We strive for reuse and zero disposal to reduce the amount of water required by our operations. For additional information about Noble Energy's approach to water management, see page 25.

Noble Energy is committed to minimizing its physical footprint. We endeavor to drill multiple wells from a single well pad, and transport liquids via pipeline, to help reduce truck traffic and road damage and have brought our DJ Basin practices in these areas to our Marcellus Shale operations. We are working to develop natural gas as a transportation fuel. We participate in the Natural Gas Vehicle Task Force launched in 2012 by West Virginia Governor Earl Ray Tomblin to assess the feasibility of converting state, county and public vehicles to run on compressed natural gas and identify infrastructure needs such as fueling stations.

Hiring Locally

At Noble Energy, we believe that hiring and training local workers is one of the most sustainable investments we can make in a community. Approximately 80 percent of the more than 80 employees we hired to support our Marcellus Shale operations in 2012 are from the Pennsylvania, West Virginia and Ohio areas. Communicating with local communities, and demonstrating the company's commitment to safety and responsible operations as a long-term partner in the region, were key to this recruitment success.

As part of the company's continuing efforts to invest in the local workforce and future generations of workers, Noble Energy worked with area communities on education and outreach opportunities through corporate partnership programs and investments. This included collaboration with regional community colleges to develop an oil and natural gas training and technology program that will begin in 2013.

Bettering People's Lives

As Noble Energy ramped up Marcellus Shale operations in 2012, we also commenced our community social investment program. During a six-month period in 2012, Noble Energy made donations to support restoration efforts after a severe storm caused power outages. We also supported various community-focused and student scholarship programs including 4-H and Future Farmers of America.

2012 Marcellus Shale Operational Highlights

Financial (U.S. dollars)

Revenues from sales of oil, natural gas and natural gas liquids (NGLs)	\$ 96 million
Capital expenditures	\$ 300 million

Local Statistics

Employees	81
Average number of rigs running in 2012	4
Small, minority- and women-owned suppliers	60
Community investments	\$ 105,000



Real-world experiences are vital for [our students'] future. The drill pad tour this past fall with Noble Energy... was exciting and sparked students' interest. They discovered the wide variety of careers possible in the energy field, and the natural gas industry in particular.

- Kelley Frazier,
Cameron High School Counselor

