Improve Hydraulic Fracturing

The oil and gas industry is working diligently to make hydraulic fracturing more efficient and to reduce the footprint the process has on the environment.

Reusing Produced Water

In the Marcellus, about 10% to 30% of the fluid used to fracture a well returns to the surface and is captured with produced gas. This fluid is called produced water.

Today, a majority of major gas producers in the Marcellus are reusing this water for use in new wells.

Reuse of produced water reduces demand for freshwater and reduces the need for disposal of waste water.

Reduction in Chemical Additives

The natural gas industry only accounts for .1% of additional total water usage.

Many natural gas companies operating in the Marcellus have found ways to reduce the amount of chemical additives used in fracturing fluid while still effectively producing gas from shale.

These diluted, common additives account for less than 1 percent of fracturing fluid.

Sources: