OUR DEVELOPMENT CHAIN
FROM THE GROUND TO YOUR HOME

1. SEISMIC
Helps understand geology and potential for gas production.

2. DRILLING
Wells are drilled into the natural gas reservoir and steel casing is cemented in place.

3. FRACKING/COMPLETIONS
Wells are completed by hydraulic fracturing where water (mixed with sand and a small amount of chemicals) is injected into/down the wellbore at high pressure.

The pressure cracks the reservoir rock and enables any gas present to flow through the crack into the well casing and then to the well head.

About 30% of the water comes back to the surface during initial production as flowback water. The rest of the water is locked in the rocks or flows back slowly during production. All of this flowback water is safely collected, stored and reused for other completions operations.

4. FINISHED WELL PAD
Once all wells are drilled and completed, well head and facilities are installed.

5. PROCESSING
The raw natural gas is pipelined to processing plants where water and liquid hydrocarbons are extracted.

6. TO YOUR HOME
The gas is distributed by pipeline to homes and businesses. Natural gas is used for heat, operating high-efficiency appliances and vehicles, generating electricity and for other industrial processes.