




PRODUCTION PHASE 1:
DRILLING



Rigs are temporary

Perhaps the biggest misconception about natural gas drilling in the Barnett Shale is that the rig is a permanent (or even long-term) fixture.



As soon as drilling is done, the rig is relocated to the next wellsite.

The fact is, even though the rig comes first – and is hard to miss – its high-profile task takes only **about three weeks per well**. During the drilling phase, work continues 24/7 to maintain the integrity of the wellbore (hole). To minimize the number of padsites in the city, multiple wells may be drilled from a single location. When finished with the first well, the rig may skid – “scoot over” – to drill another well on the same padsite, or may leave and perhaps return later to drill additional wells at another time.



Noise reduction in urban settings.

Chesapeake is pioneering urban drilling, making constant strides to create an “urban friendly” presence. In urban settings, a sound engineer measures current background

noise at the drilling site and evaluates the topography and proximity of neighbors to determine what sound reduction measures are necessary. When needed, a customized sound plan is developed to reduce drilling rig and related noise. Options may include hospital-grade mufflers, acoustic blankets, rubber flooring or sound walls ranging from 16 feet to 32 feet on one or more sides. The noise mitigation plan at each site is customized for that particular location.

What makes the drilling phase different?

- A rig is on premise for about three weeks
- Work must take place 24/7 to maintain the integrity of the wellbore
- Sound reduction measures mitigate noise in urban settings

Together, We All Win

We are committed to being good neighbors to all residents. Our goal is to be as unobtrusive as possible while delivering clean-burning natural gas to power our nation and to fuel our local economy.



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Catch a 60-second video on each step in the natural gas production process at AskChesapeake.com