

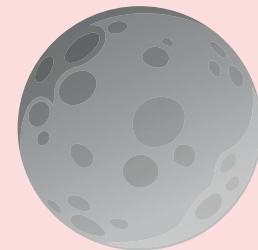


What is natural gas?

Natural gas is a colorless, odorless fuel used around the world to heat homes, cook food, dry clothes, heat pools, produce electricity and so much more. Today's natural gas can even be used for cars, trucks, buses and other vehicles.



FUN FACT



There are over **1,000,000 miles** of underground gas pipelines in the U.S.

Enough to go to the **moon** and **back twice!**



Know what's below

When you learn what keeps Virginia Natural Gas safe for you and future generations, you'll discover that there's much more underground than just dirt. Before you or your parents dig for any outdoor project or new construction, make sure they know to contact **VA811**. When they contact **811**, someone will come to your home and mark any and all lines buried underground, so you don't cause an emergency with broken or dangerous lines. Learn the colors, then look for the matching game in this activity book! Learn more at virginianaturalgas.com/safety.



Color Code for Marking Underground Utility Lines

- Electric
- Gas - Oil
- Communication
- Water
- Irrigation
- Sewer
- Proposed Excavation
- Temporary Survey

Smell Gas? Call 877.572.3342



New energy for bright futures – Renewable Natural Gas



LIVESTOCK



CROPS



WASTE WATER



FOOD WASTE

At Virginia Natural Gas, we're always moving forward to find bright new ways to make the most of our natural resources. **Renewable Natural Gas (RNG)** is created when methane is collected from various things like food waste, animal poop, wastewater sludge and garbage to be repurposed, keeping greenhouse gases out of our atmosphere. By connecting RNG facilities to our existing energy system, we can recycle existing or naturally occurring waste before it produces methane and convert it into safe, reliable, renewable natural gas.

BUUUUURP

FUN FACT



Gross: Cow burps and toots are the #1 source of U.S. methane emissions.
Also Gross: Cows usually poop while they are being milked.

Not Gross: We can harness that poop into renewable energy and celebrate our naturally gassy friends!



Virginia Natural Gas

virginianaturalgas.com

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ACTIVITY BOOK ADVENTURES IN NATURAL GAS



Virginia Natural Gas

TO THE CORRECT UTILITY

Now that you “know what’s below,” play the matching game to stay safe and in the know!



- A. Gas, oil or petroleum**
 - B. Sewer**
 - C. Proposed excavation**
 - D. Reclaimed water, irrigation**
 - E. Potable water**
 - F. Electric**
 - G. Temporary survey**
 - H. Communications**
- 
- A large, stylized graphic of the number '81' in a bold, yellow font with a black outline. To the right of the number is a small icon of a shovel with a green blade and a brown handle. The entire graphic is set against a light blue background.



**Know what's below.
Call before you dig.**

Word Search

Find your future: see if you can find some of the careers offered at Virginia Natural Gas.

R	E	M	E	T	E	R	R	E	A	D	E	R	N
O	N	I	U	O	R	E	I	C	X	P	N	E	H
T	G	J	M	U	B	E	C	W	J	S	X	O	H
A	I	T	Y	R	B	O	G	X	E	O	I	B	C
R	N	F	I	I	U	X	B	A	X	R	X	Y	E
E	E	U	P	N	F	L	Y	B	N	L	C	N	T
P	E	W	T	S	Y	L	A	N	A	A	T	A	D
O	R	A	X	Y	U	N	U	Z	H	K	M	X	L
E	N	A	P	P	R	E	N	T	I	C	E	B	E
T	W	N	B	A	C	I	N	A	H	C	E	M	I
Z	R	S	M	M	P	U	L	S	W	H	S	L	F

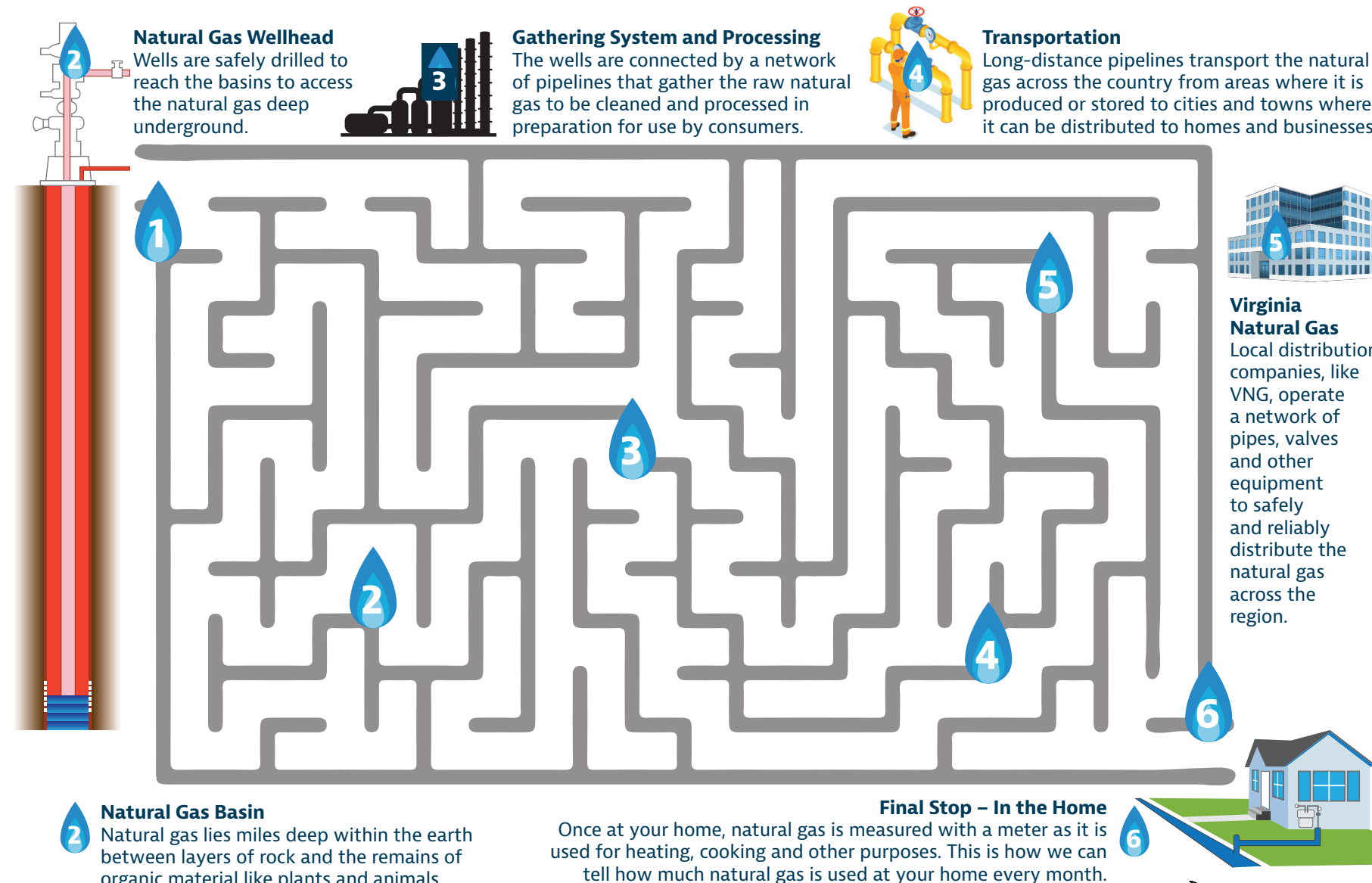
virginianaturalgas.com/careers

Accountant
Apprentice
Crew
Data analyst
Engineer
Field tech
Manager
Mechanic
Meter reader
Operator



How does natural gas get from the ground to your house?

FIND YOUR WAY. FIND THE FACTS.



Every year, VNG gets over **250,000 calls** to **811** to have underground lines marked before someone digs. Way to go!

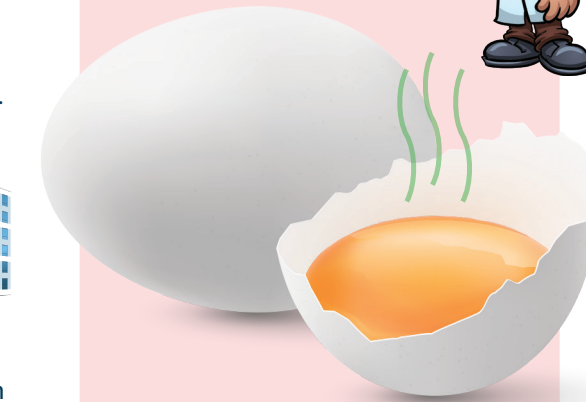
VA811.com



**Sniffy the Skunk says
"If you smell gas, act fast!"**

Color Sniffy the Skunk and be on the lookout for a yucky rotten egg smell.

Tell an adult to call 911!



Natural Gas is odorless. But because it is flammable, VNG adds a scent that smells like rotten eggs to help detect if there is a leak.

If you smell this rotten egg smell, call **877.572.3342** or **911**.

