

NATURAL GAS EXPLAINED

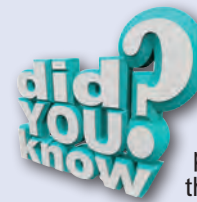
What is natural gas?

Natural gas is a fossil fuel energy source. Natural gas contains many different compounds. The largest component of natural gas is methane, a compound with one carbon atom and four hydrogen atoms (CH₄). Natural gas also contains smaller amounts of natural gas liquids (NGLs, which are also hydrocarbon gas liquids), and nonhydrocarbon gases, such as carbon dioxide and water vapor. We use natural gas as a fuel and to make materials and chemicals.

Where is natural gas found?

In some places, natural gas moved into large cracks and spaces between layers of overlying rock. The natural gas found in these types of formations is sometimes called

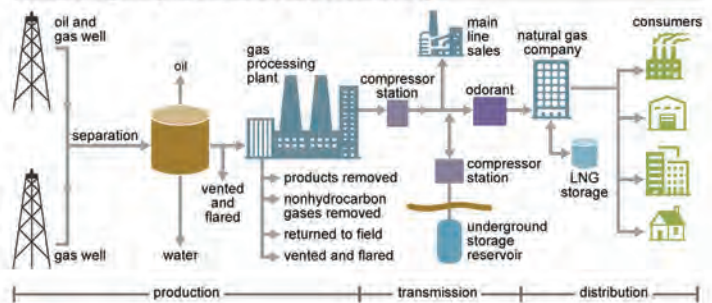
are offshore and deep under the ocean floor. Natural gas found in coal deposits is called coalbed methane.



Because natural gas is colorless, odorless, and tasteless, natural gas companies add mercaptan to natural gas to give it a distinct and unpleasant odor, which helps people detect leaks in natural gas pipelines. Mercaptan is a harmless chemical that smells like rotten eggs.

In places where natural gas pipelines are not available to take away the associated natural gas produced from oil wells, the natural gas may be reinjected into the oil-

Natural gas production and delivery



Source: U.S. Energy Information Administration

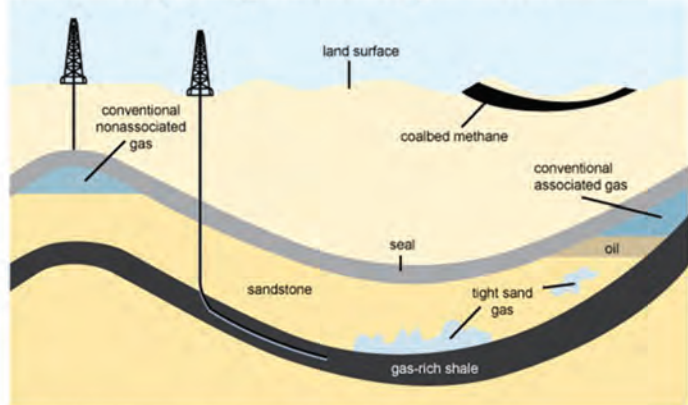
bearing formation, or it may be vented or burned (flared). Reinjecting unmarketable natural gas can help to maintain pressure in oil wells to improve oil production.

Coalbed methane can be extracted from coal deposits before or during coal mining, and it can be added to natural gas pipelines without any special treatment.

Most of the natural gas consumed in the United States is produced in the United States. Some natural gas is imported from Canada and Mexico in pipelines. A small amount of natural gas is also imported as liquefied natural gas.

Last updated: December 27, 2022

Schematic geology of natural gas resources



Source: Adapted from United States Geological Survey factsheet 0113-01 (public domain)

conventional natural gas. In other places, natural gas occurs in the tiny pores (spaces) within some formations of shale, sandstone, and other types of sedimentary rock. This natural gas is referred to as shale gas or tight gas, and it is sometimes called **unconventional natural gas.** Natural gas also occurs with deposits of crude oil, and this natural gas is called **associated natural gas.** Natural gas deposits are found on land, and some

In observance of Memorial Day, our offices will be closed on Monday, May 29, 2023.



Celebrate Mom on Sunday, May 14, 2023.



Of all the special joys in life,
The big ones and the small,
A mother's love and tenderness
Is the greatest of them all.

Recipe
DIRECTIONS

Chicken-Watermelon Tacos

Ingredients:

4 Tomatillos, husked and rinsed	2 Cups chopped watermelon
1 Large jalapeno	1½ Cups fresh Cilantro
1 Small red onion (½ cut into large chunks, ½ thinly sliced)	¾ Cup crumbled Cotija cheese (about 3 ounces)
2 Tablespoons extra-virgin olive oil	Freshly ground pepper
3 Cups shredded rotisserie chicken (skin removed)	12 Corn Tortillas
3 or 4 Limes – 2 juiced and the remainder for serving	1 Avocado, chopped
Kosher Salt	

Directions

1. Heat a large cast-iron skillet over high heat. Add the tomatillos, jalapeno and red onion chunks. Cook, turning, until blistered, 5 to 6 minutes for the onion and 7 to 8 minutes for the tomatillos and jalapeno. Transfer to a cutting board; cool slightly. Chop the tomatillos and onion; seed and chop the jalapeno.
2. Heat 1 tablespoon olive oil in a medium skillet over medium-high heat. Add the tomatillos, chopped onions and half of the jalapeno. Cook until the vegetables release their juices, then add the chicken, the juice of 1 lime and 1/2 teaspoon salt. Simmer until warmed through, about 2 minutes. Keep warm over low heat.
3. Toss the watermelon, 1/2 cup cilantro, the sliced red onion, the remaining jalapeno, juice of 1 lime, 1 tablespoon olive oil and half of the cheese in a bowl. Season with 1/4 teaspoon salt and a few grinds of pepper. Warm the tortillas in a dry skillet.
4. Add the remaining 1 cup cilantro to the chicken mixture. Divide among the tortillas; top with the watermelon salad, the remaining cheese and the avocado. Serve with lime wedges.

For more delicious recipes like this, please visit foodnetwork.com

Online Convenience



Did you know when you use a check to pay your bills, your bank may not honor your check if you use any color of ink other than black or blue to fill in your check? This can create unnecessary delays and hassles, as well as unwanted fees. Always use black or blue ink when writing checks...

– OR –

Make paying your Wyoming Gas bill simple and easy by paying online! Logon to www.wyogas.com and make your payment. No more stamps. No more mail delays. No more hassle! You can also check out our Budget Payment Plan and our Electronic Funds Transfer. You can sign up for either program, OR, take total control over your monthly natural gas bill by enrolling in both!

COMMUNITY CALENDAR

Every Monday, Thursday and Saturday in May – Thermopolis - **Brazilian Jiu Jitsu** class at the Armory. Ages 7+ and Adults. No gear required. Contact Bradyn Harvey at 307.921.0089.

May 1 and 8 – Thermopolis - **Work-Ready Boot Camp** will train youth workers ages 14-18 on the soft skills they need to be successful in the workplace. 6-8 PM. Register by calling 307.864.3192.

May 2 – Basin - **Basin City Arts Center Bingo** 6:30 - 8:30 PM. Doors open at 6:00 PM

May 4 – Worland - **Job Fair**, Worland Community Center, 1200 Culbertson Ave. 10-11 AM Veterans Only. 11-2 PM General Public. For more information or for employer registration, please contact the Worland Workforce Center at 307.347.8173

May 6 – Basin - **Dan Miller Cowboy Music Revue** at the Basin City Arts Center. 7:00 PM Advance Tickets \$25. Call Carmen at 307.899.0446. At the door, \$30.

May 11 – Big Horn County - **The HUBZone Program** fuels small business growth in historically underutilized business zones with a goal of awarding at least 3% of federal contract dollars to HUBZone-certified companies each year. Joining the HUBZone program makes your business eligible to compete for the program's set-aside contracts. HUBZone-certified businesses also get a 10% price evaluation preference in full and open contract competitions. For more information on the HUBZone program, please visit: www.sba.gov/federal-contracting/contracting-assistance-programs/hubzone-program.

May 13 – Basin - **Mother's Day Brunch and Tablescape** at the Basin City Arts Center 10:00 AM - Noon. \$6.00

May 25-28 – Thermopolis - **3 on 3 Basketball Tournament** 10 to Adult. Fundraiser for the Bobcat Booster Club. Contact Brandon Deromedi at 307.864.6533

May 28 – Hyattville - **19th Annual Cowboy Carnival** 10:00 AM 3:00 PM

June 2 – Basin - **Rewinders Band**, Washington Park 7:00 PM. Donations appreciated.

Reminder: We use this section for our local communities. The messages must be non-partisan and non-religious. Non-Profit organization messages will be given preference. Please send the information to customerservice@wyogas.com before the 10th of the month to make the following month edition. Thank you.

Believe It or Not!

Wetter Water? Firefighters use wetting agents to make water wetter. When added to water, these agents reduce the surface tension of water which increases the penetration and spreading ability.

A Tiger's skin is striped just like their fur, and similar to human fingerprints, no two stripe patterns are alike.

The hardest working muscle in the body is your heart. It pumps more than 2000 gallons of blood a day and beats 2.5 billion times in a 70-year life span.

The tallest man ever recorded was American Robert Wadlow (1918-1940). Mr. Wadlow stood 8 feet 11.1 inches tall. His astonishing height was the result of an abnormally enlarged pituitary gland.

The longest word in the English language is 189,819 letters long. This word, which is the proper name for the human protein nicknamed "Titin", allegedly takes a person three and a half hours to read out loud.

"The measure of who we are is what we do with what we have." – Vince Lombardi



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Call before you dig.

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