



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

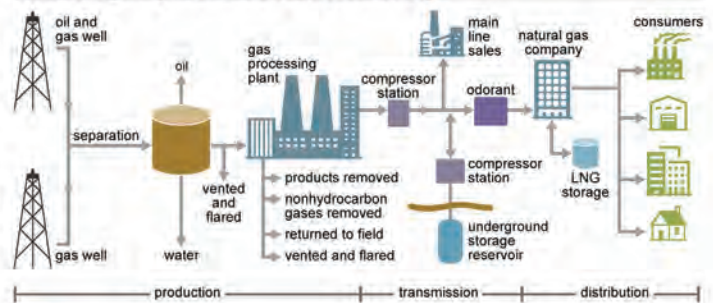
are offshore and deep under the ocean floor. Natural gas found in coal deposits is called coalbed methane.



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

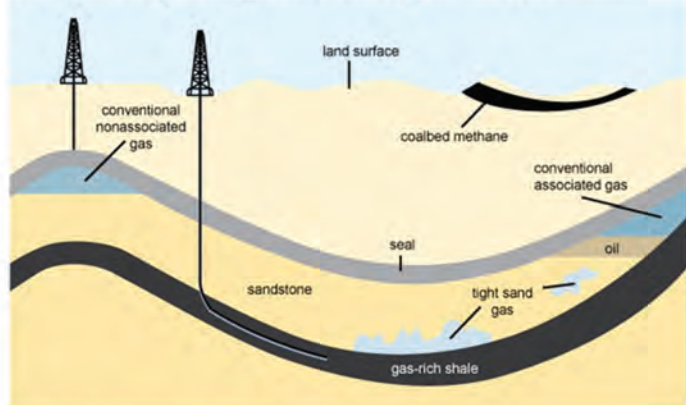
bearing formation, or it may be vented or burned (flared). Reinjecting unmarketable natural gas can help to maintain pressure in oil wells to improve oil production.

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 Zia Natural Gas bill simple and easy by paying online! Logon to www.zngc.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

May – Las Cruces - ICONS & RETABLOS: THE BLESSINGS OF CHRIST ON HOME ALTARS EXHIBIT The NMSU University Art Museum (UAM) is excited to announce the opening of Icons & Retablos: The Blessings of Christ on Home Altars in the Margie and Bobby Rankin Retablo Gallery at the UAM on the campus of NMSU.

Fridays in May 5 – Ruidoso - Friday Night Youth Night at the Rarebird Workshop, 6-8 PM. Please come to The Rarebird Workshop and have some fun with your peers! Have a snack, play games, make art, dance, play your favorite tunes and sing karaoke! Ages 9-16 years old.

May 6 – Ruidoso - Cinco de Mayo Celebration 12 - 4:30 PM Midtown Ruidoso. Live music, dancing, food, strolling mariachi, Folklorico dancers and much more.

May 6 – Ruidoso - Glow in the Dark Disc Golf Tournament at Grindstone Lake 501 Resort Dr, 8 - 10 PM. There will be an adult 18-hole tournament (front nine twice) with the kid's pre-glow play at 5 PM.

May 6 – Hobbs - SAFE NM GALA 6:30 - 8:30 PM, Hobbs Country Club, 5001 W Calsbad Hwy

May 8-9 – Alto - CATS at Spencer Theater 108 Spencer Road

May 18-21 – Hobbs - Open Mic Night 7:00 - 8:30 PM, Center for the Arts, 122 W Broadway. \$3 entrance fee.

May 12 – Las Cruces - BLESSING OF THE FIELDS 10-11 a.m. The Museum celebrates an old, historical tradition with the annual Blessing of the Fields. Visitors join the colorful procession around the Museum's campus as the livestock, plants, water, and bread are blessed in the tradition of the day. New Mexico Farm & Ranch Heritage Museum, 4100 Dripping Springs Road. 575-522-4100. www.frhnm.org

May 13 – Ruidoso - Los Rieleros Del Norte at the Inn of the Mountain Gods, get ready for an incredible night of legendary Mexican band Los Rieleros Del Norte takes the stage at the Inn of the Mountain Gods! Tickets go on sale April 6th, 2023 at 10am. Can't wait to see you there! or more information call 575-464-7777

May 18-21 – Ruidoso - Aspen Cash Motorcycle Rally at the Ruidoso Convention Center. Website: <http://www.MotorcycleRally.com>, Event Description: Beat the heat and find yourself riding in the shady pines of the Sacramento Mountains for 4 days of riding, food and music.

May 26-27 – Ruidoso - The Wizard of Oz at the Ruidoso High School Performing Arts Center. May 26 at 7 pm and May 27 at 2 pm and 7 pm.

Come and see all the talented dancers of the Ruidoso Academy of Ballet and Dance bring this classic tale to life through the art of dance. Tickets will be \$10 before May 15 and \$15 after that date and can be purchased at the Dance studio or from a studio Dancer. For more information contact the studio at 575-257-3753.

May 27-28 – Ruidoso - 22nd Annual Ruidoso Noon Lions Club Gun & Crafts Show. We will have scavenger hunt for kids, raffles and food vendors.

May 27-29 – Las Cruces - NEW MEXICO WINE FESTIVAL Welcome to the New Mexico Wine Festival in Las Cruces featuring New Mexico's best wineries, exceptional food trucks, talented artisans, and award-winning musicians. Southern New Mexico Fairgrounds. 12125 Robert Larson Blvd. 27 (Saturday) 12:00 pm - 29 (Monday) 6:00 pm

May 1 – Las Cruces - Las Cruces Symphony closing concert features guest conductor Gene Chang. Doors open at 2:30 PM with the concert at 3:00 PM. Atkinson Recital Hall 1075 N. Horseshoe. Ticket prices start at \$40. Get more information and purchase your tickets at the LCSO website: <https://lascrucessymphony.com/event/classics4/>

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 osaucedo@zngc.com before the 10th of the month to make the following month edition. Thank you.

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



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