



Work Safely When Excavating
or Digging Near Pipelines

CRITICAL

SAFETY INFORMATION
FOR EXCAVATORS
AND EMPLOYEES



Know what's below.
Call before you dig.

PLEASE SHARE THIS INFORMATION





XTO Energy Inc.
810 Houston St.
Fort Worth, Texas 76102-6298
www.xtoenergy.com

In East Texas:

1-800-870-5698

In South Texas:

1-866-535-6835

In West Texas:

Andrews and Gaines Counties:

1-800-852-1699

Yoakum County:

1-877-311-1007

For General Questions
Regarding Pipeline Safety:

Phone: 1-855-292-1511

or Email:

pipelinesafety@xtoenergy.com

In East Texas - Gregg, Harrison,
Henderson, Panola, Rusk,
Shelby and Wood Counties
Phone: 1-903-753-2997

In South Texas - Galveston,
Goliad, Liberty, Newton, Orange,
Wharton and Zapata Counties
Phone: 1-361-578-3370

In West Texas -
In Andrews and Gaines Counties:
Phone: 1-432-524-5620
In Yoakum County:
Phone: 1-806-592-2171

Important Pipeline Resources:

www.commongroundalliance.com

www.phmsa.dot.gov

www.pipeline101.com

www.pipelinesafetyinformation.com

National Pipeline
Mapping System.*

www.npms.phmsa.dot.gov

* Only transmission pipelines

WHAT PIPELINES DO

and How to be Safe Working Around Them

As an excavator, you play an important role in ensuring your own safety and protecting the soundness of the pipeline. Excavation is the leading cause of damage to underground facilities. Most damage can be prevented if excavators follow basic safety procedures, including remembering to always place a call to 811 before you dig.

An underground network of utilities and pipelines transports electricity, natural gas, petroleum, and telecommunication services that we all rely upon. According to U.S. Department of Transportation statistics, pipelines are the most efficient, economical, and safest method of transporting petroleum products and natural gas. Currently, more than 2.6 million miles of pipelines are used to move energy resources each day from areas of production to consumers.

REPORTING DAMAGE TO PIPELINES

If you damage a pipeline, you are required by law to contact the pipeline company and the one call center. Use the number listed on the nearby pipeline marker and contact the one call notification center by dialing 811. **If the damage results in the release of the material being transported, you must first call 911.**

Any damage to a pipeline, even if it appears to be minor, such as a gouge, scrape, dent or crease to the pipe or coating—could harm the integrity of the pipeline and cause a future failure.

XTO ENERGY INC.

A subsidiary of ExxonMobil, XTO Energy Inc. (XTO) is a leading natural gas and oil producer in the United States with expertise in developing tight gas, shale gas, coal bed methane and unconventional oil resources. Founded in 1986 in Fort Worth, Texas, the company has operations in all major producing regions, and holds more than 11 million acres.



WEST TEXAS:

1-800-852-1699 OR 1-877-311-1007

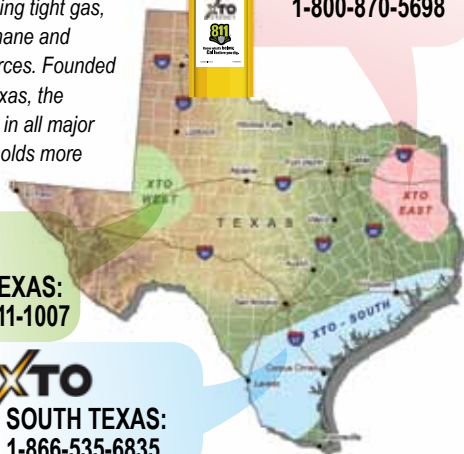


SOUTH TEXAS:

1-866-535-6835



XTO
EAST TEXAS:
1-800-870-5698



PIPELINE MARKERS

Pipeline markers are used to designate the general route of a pipeline. Markers are found where a pipeline crosses a street, railroad or waterway, as well as areas where a pipeline emerges from the ground.

BE AWARE:

Pipeline markers do not designate the exact location, depth or number of pipelines in an area.

Pipeline markers come in different shapes and sizes, but will always include:

“WARNING,” “DANGER,” OR “CAUTION”

THE MATERIAL BEING TRANSPORTED

AN EMERGENCY PHONE NUMBER TO REACH THE PIPELINE COMPANY

THE NAME OF THE PIPELINE COMPANY

<i>In East Texas</i>	<i>1-800-870-5698</i>
<i>In South Texas</i>	<i>1-866-535-6835</i>
<i>In West Texas</i>	<i>1-800-852-1699 or 1-877-311-1007</i>



RIGHT-OF-WAY

A pipeline is buried in an area called a “right-of-way” or “easement.” The right to place and operate a pipeline is secured through an easement agreement between the pipeline operator and the property owner. In order for the pipeline company to safely maintain the right-of-way, excavators need to secure consent before engaging in any activities affecting the right-of-way.

Activities that may encroach on a right-of-way include:

- » Planning home improvement projects
- » Landscaping (planting trees, etc.)
- » Constructing a fence
- » Building a shed
- » Pouring a driveway

If You See Something,
SAY SOMETHING

If you become aware of any of these activities or other suspicious behavior along the pipeline right-of-way please contact
XTO Energy Inc.



PIPELINE LEAK RECOGNITION AND RESPONSE

A release from a pipeline is a hazard to the health and safety of those around the leak, and can also cause environmental damage. It is important that you can recognize the signs of a potential pipeline leak, and know how to respond.

Use Your Senses to Recognize a Potential Pipeline Emergency:

DO YOU SEE?

	NATURAL GAS	NATURAL GAS LIQUIDS
Persistent bubbling in standing water	X	X
Dead or discolored vegetation	X	X
A white vapor cloud that may look like smoke		X
A sheen on the surface of standing water		X
Melted snow in the winter	X	X
Slight mist of ice or unexplained frozen ground near a pipeline during warm weather	X	X
Dirt blowing from a hole in the ground	X	X
Fire or explosion	X	X

DO YOU SMELL?

	NATURAL GAS	NATURAL GAS LIQUIDS
Strange or unusual odors similar to petroleum liquids or gasoline	X	X

Note: naturally odorless - only certain pipeline systems are odorized

DO YOU HEAR?

	NATURAL GAS	NATURAL GAS LIQUIDS
Unusual noises such as a hissing, roaring or gurgling sound	X	X
An explosion	X	X

IN THE EVENT OF A PIPELINE LEAK:



DO

- » Immediately leave the area on foot and attempt to stay upwind.
- » Direct other individuals to leave the area.
- » Dial 911 from a safe location, notify the pipeline operator directly, and then contact the state one call center by calling 811.

DO NOT

- » Come into direct contact with any escaping liquids or gas.
- » Start or stop motor vehicles or electrical equipment.
- » Use cell phones or telephones in the vicinity of the suspected leak.
- » Drive into a leak while leaving the area.
- » Try to locate the source of the odor or leak or attempt to stop the material being released.
- » Attempt to turn any pipeline valves - you may cause the situation to become worse or cause a secondary incident.
- » Cause an open flame or another potential source of ignition such as an electrical switch, starting a vehicle, or lighting a match.
- » Ring doorbells to notify others of the leak. Knock with your hand to avoid a potential spark from metal knockers.
- » Extinguish a natural gas or petroleum fire. Wait for local firemen and other emergency professionals trained to handle such emergencies.

POTENTIAL HAZARDS:

Some pipelines transport products that can be harmful if inhaled, can cause skin irritation, or can result in difficulty breathing. Excavators should be aware of health hazards and potentially flammable or explosive conditions or situations that may result in injury or death.

COMMITMENT TO INTEGRITY & RELIABILITY OF SYSTEMS

The quality and integrity of pipeline systems at XTO Energy Inc. are maintained through stringent maintenance programs. The company routinely monitors and tests the pipeline to confirm that systems are operating safely and efficiently. Pipeline monitoring measures include:

- » Aerial surveillance of the pipeline
- » Ground observers and remote electronic measuring systems to assist operators with identifying potential hazards or possible leaks
- » Internal and external corrosion protection systems
- » Proactive maintenance programs



ONE CALL INFORMATION CALL BEFORE YOU DIG

Before you dig, drill, blast, or move any ground near a pipeline, dial 811. This **free call** notifies your local one call center to have operators of underground utilities come out and mark their facilities. Required by law, calling 811 can save your life, and decrease damage to our underground pipeline transportation system.

SIMPLE STEPS FOR SAFE DIGGING

- 1** Contact the Texas one call center, Texas811, by dialing 811 before you want to dig.
- 2** Wait for facility owners to mark the area using paint, flags and/or stakes.
- 3** Confirm that all facilities have been marked. If you know or believe that facilities have not been properly marked, you must make another 811 call before starting excavation work.
- 4** When digging within 15 feet of an existing underground utility, call the pipeline operator and request that a company representative be present prior to starting excavation.
- 5** Always use caution near underground facilities; obey safe excavating practices and Texas law.



REGULATORY OVERSIGHT AGENCY IN TEXAS

STATE AGENCY

Texas Railroad Commission
1-512-463-7058
www.rrc.state.tx.us

**One call minimum
notice prior to excavation**
48 Hours
(not including weekends, or state
and federal holidays)

ONE CALL SYSTEM

Texas811
Call 811 or 1-800-344-8377
www.texas811.org

**Tolerance
zone**
18" plus half the diameter of the
pipeline from the outside edge of the pipe.

Required Notification Time: In Texas, notice is required 48 hours in advance, prior to the start of excavation.

Tolerance Zone: The immediate area surrounding a pipeline is known as the "tolerance zone." The area provides for the width of an underground pipeline plus an additional buffer on both sides of the pipeline when digging or excavation activity occurs in close proximity.

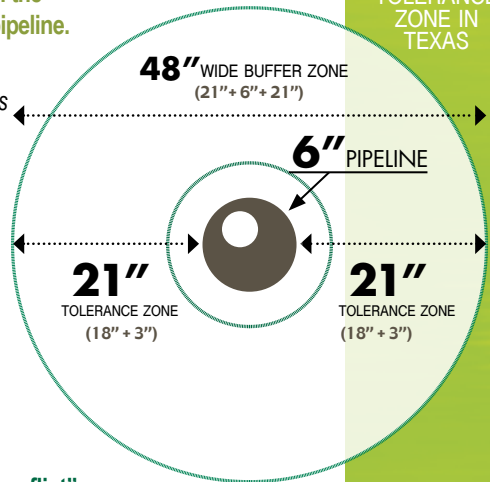
In Texas, the tolerance zone* is half the nominal diameter of the pipeline plus 18" on either side of the outside edge of the pipeline. Reasonable care must be used within the tolerance zone.

Hand digging or soft excavation, including hydrovacating (the process of using high pressure water and a vacuum to excavate) should be used in the tolerance zone. Excavators need to closely monitor conditions such as pressure and water temperature in order to prevent damage to the pipeline or other underground facilities at all times throughout the process.

Second One Call: The markings of underground facilities are considered valid for 14 calendar days as long as they are clearly visible. A second one call must be made and the facility operator (including pipelines) return to mark underground lines again if:

- » **The excavator has not received an "all clear" or "no conflict" from the facility operator**
- » **There is conflict – for example, the excavator observes evidence of the presence of an unmarked line, and has received an "all clear" or "no conflict" response from an operator**
- » **The markings get damaged or are unclear during the excavation**
- » **Excavation activity is not complete prior to the expiration of the one call ticket**

EXAMPLE OF
TOLERANCE
ZONE IN
TEXAS



* Please be sure to verify the most current tolerance zone guidelines for Texas.

Specific details of Chapter 18 can be secured by contacting the Railroad Commission of Texas at: 512-463-7058 or visiting www.rrc.state.tx.us/programs/damageprevention/index.php.

TO LEARN MORE about specific one call requirements, please visit www.call811.com or contact Texas811 by calling 811 or visiting www.texas811.com for more information.



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Fort Worth, Texas
76102-6298
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Gaines Counties:

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COLOR CODE

FOR MARKING UNDERGROUND UTILITY LINES

	WHITE – Proposed Excavation and Whitelining
	YELLOW – Gas, Oil, Steam, Petroleum, CO ₂ or Gaseous Materials
	RED – Electric Power Lines, Cables, Conduit and Lighting Cables
	ORANGE – Communication, Alarm or Signal Lines, Cables or Conduit
	BLUE – Potable Water
	GREEN – Sewers, Drain Lines
	PURPLE – Reclaimed Water, Irrigation and Slurry Lines
	PINK – Temporary Survey Markings

WWW.PIPELINESAFETYINFORMATION.COM