

We're
DIGGING it
are you?



Information to help you
excavate safely near
City of Mesa Utilities

Know what's below.
Call 811 Before You Dig!



Safe Digging Begins With You!









ENSURE THE SAFETY OF YOUR PERSONNEL AND THE PUBLIC BY UTILIZING THE TIPS BELOW:

- State law requires that anyone who will be digging contact Arizona 811 at least two business days before starting any digging project to have all underground facilities located and marked. Calling **811** is simple, easy and free.
- Wait for each of the utility owners identified on your ticket to respond. Once you have received a positive response from each utility, you are officially ready to dig.
- Familiarize yourself with state and federal laws regarding safe excavation practices.
- Know the requirements for your project and obtain the proper permits.
- Respect and protect the marks. Use caution when digging. Always hand dig within two feet of either side of any marked line to expose utilities.
- Support and protect pipelines during construction/excavation.
- If damage occurs, call the appropriate facility owner IMMEDIATELY.



Utility Line Markings and What They Mean

For more information on Arizona811 and to learn more about utility markings and color codes that identify underground utility lines, visit arizona811.com.

- | | |
|---|--|
|  Electric |  Sewer |
|  Gas & Oil |  Communications |
|  Potable Water |  Reclaimed Water |
|  Temporary Survey |  Proposed Excavation |

Learn more about how to dig safely when working around utilities and how to react in a utility emergency by attending a free Damage Prevention and Traffic Safety Training. Topics include:

- Arizona's Underground Facilities Law
- How to react in a utility emergency
- Temporary traffic control

Schedule training at: <https://secure.mesaaz.gov/LearningCenter/Catalogs/Energy-Resources>.

What you should know when working around natural gas pipelines:

NATURAL GAS PIPELINES CAN BE ANYWHERE

1. Utility Line Markers

Since most gas pipelines are buried underground, they can be found in many locations such as: vacant land, private property, under roads and intersections, and railroads. Line markers are used to indicate the pipeline's presence in the area. These markers display the name and contact information of the pipeline operator, material being transported, and emergency contact information.



2. Train employees on how to identify and report a gas leak/gas emergency.

A natural gas leak may be present if you . . .

- **Smell:** A rotten egg odor
- **Hear:** an unusual blowing or hissing sound coming from a pipeline
- **See:** unusual changes to soil, dead or dying vegetation, dirt and debris blowing in the air, or standing water bubbling

If you suspect a leak or damage a natural gas line while digging/excavating...

- Leave the equipment and move upwind of blowing gas.
- Do not do anything that could create a spark.
- Do not turn gas valves to shut off the gas!
- From a safe location, REPORT leaks, damages, or emergencies.
 - Odors – City of Mesa **(480) 644-4277** or **911**.
 - Damages or gas emergencies - City of Mesa **(480) 644-4277** AND **911**.

3. Follow City of Mesa requirements:

- **CHECK-N-WRAP:** If a gas line is exposed during excavation, you are required to notify the City of Mesa immediately at **(480) 644-2261**. An inspector will visit the site to inspect for damages to the pipe and ensure that the exposed pipe is properly protected with backfill material. This is a FREE inspection.
- **BLASTING:** If blasting will be performed on your jobsite within Mesa's natural gas service area (Mesa/Pinal County), a permit may be obtained by contacting Mesa Fire at **(480) 644-2622** or Pinal County at **(520) 866-6442**. A gas leak survey will be performed at NO CHARGE prior to, and within 24 hours after, any blasting that occurs within 200 feet of any gas pipeline.

- **BORING:** If you will be performing directional boring, include it on the locate ticket request. It is also necessary to follow Mesa's Bore Requirements per Mesa Standard Detail M-18 and M-18.1, and call **(480) 644-5517** or **(480) 644-3513** to schedule the required bore monitor for your jobsite.

4. Excess Flow Valves (EFV's)

Be aware that EFV's are installed on new/renewed gas service lines serving single and multi-family residences and small commercial services not exceeding 1,000,000 BTUs. EFV's are in-line mechanical devices designed to limit the flow of gas in the event a service line is

damaged between the EFV and the gas meter. A visual indication of their presence is the installation of a washer on the meter riser.

Learn more about City of Mesa Utilities at: www.mesaaz.gov.

EMERGENCY UTILITY CONTACT INFORMATION:

Natural Gas: **(480) 644-4277** AND **911**

Electric: **(480) 644-2266**

Water: **(480) 644-2262**

CITY OF MESA NON-EMERGENCY:

(480) 644-4444

Mesaaz.gov/energy