



## KNOWLEDGE

### The first element of pipeline safety

The management of pipeline safety involves the cooperation and teamwork of pipeline operating companies and all emergency response agencies.

The nation's pipelines are the arteries of our national energy supply. Pipelines are essential to our transportation system and our way of life.

Nationally, there are 2.3 million miles of underground pipeline systems transporting petroleum products safely and economically. Pipelines transporting petroleum and natural gas products are an integral part of the infrastructure of all communities. Truck and rail transportation cannot equal the safety records of pipeline transportation of these products, and they cannot match the efficiency of pipelines to deliver these products economically.

Suburban development, in previously rural areas, has placed many residential communities, businesses, schools, churches, and shopping complexes closer to our nation's pipeline systems.

We at Chevron Pipe Line Company take seriously our responsibility to inform and educate communities on how to live safely with nearby pipelines.

Working together, our education program will assure your community of our commitment to safety and raise public awareness of the presence of pipelines in your neighborhoods and near places of business.

This booklet provides Emergency Response agencies with the essential information to make informed decisions about pipeline safety and to manage a safety program that is tailored to the communities we mutually serve.

We hope the information contained in this booklet will serve as your guide for increased pipeline safety awareness in your community.

## LOCATE

### Know the location of pipeline Right-of-Way corridors in your community

Knowledge of the location of pipeline rights-of-way in your communities can assist your safety effectiveness and response time.

It is important to map and record all pipeline corridors in relation to community places or group congregation, also known as "Identified Sites," which include:

- Schools
- Churches
- Hospitals
- Nursing homes and assisted living facilities
- Shopping malls
- Business complexes
- Any facility where groups of 20 or more people congregate
- Buildings that house groups of immobile people who are difficult to evacuate

The federal government Office of Pipeline Safety requires pipeline operators to maintain a list of "Identified Sites." The "Identified Sites" list includes much of the same information your department maintains.

To assure we maintain an accurate list, be one of our partners and forward your list of "Identified Sites" to Chevron Pipe Line Company on an annual basis.

Knowing the location of these facilities in relation to the pipeline right-of-way corridor and knowing all traffic patterns for safe evacuation from these locations are recommended practices for all first response agencies.

## PIPELINE MARKERS

Pipeline markers are located above the ground, and they indicate the presence of underground petroleum and/or natural gas pipelines.

### EMERGENCY CONTACT: 1-800-762-3404

<b>PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:</b>		
Crude Oil	1267	128

### MISSISSIPPI COUNTIES OF OPERATION:

Jackson	Harrison
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*Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.*

## IDENTIFY

### Recognize the above ground pipeline markers in your community

Pipeline markers are located above the ground and indicate the presence of underground petroleum and/or natural gas pipelines.

Pipeline markers are a significant tool for the management of the public safety in your district.

**Caution!** Pipeline markers will not indicate the depth of the pipeline buried below nor the exact location. Contact your regional One-Call Center for assistance with locating pipelines. Pipeline markers will indicate the name of the company operating the pipeline, as well as the type of products being transported through the pipelines. There will be a toll free telephone number to call for questions or assistance about the pipelines. This number is located near the bottom of the markers.

It is a federal crime to remove a pipeline marker, or to deface, damage, or destroy any pipeline marker or right-of-way easement signs. Please report any pipeline marker damage or removal to the operating pipeline company and/or the regional One-Call Center at toll-free 811.

## EVALUATE

### How to determine if a pipeline leak is under way

If you suspect a pipeline leak is under way, your first concern should be for your personal safety and the safety of the people in the surrounding area.

Your observation and your knowledge of leak indications are the most important evaluation of the first response. Act on your instincts.

### Sight

Look for liquids that are pooling on the ground above the pipeline zone. Not all products are liquid. Some are gases that cannot be seen.

Look for any brown or discolored grasses or vegetation that would otherwise be green. Watch for any vapor clouds or heat waves that are rising above the pipeline area.

### Sound

Listen for hissing, rumbling or roaring sounds that indicate the escape of pressurized liquids or gases from a pipeline in the area near the right-of-way corridor.

## Smell

Odorants are added to the gas to cause an odd and pungent odor within the pipeline. Gaseous products leaking from pipelines will generally have the odor of sulfur or "rotten eggs." Be alert to any foul or unusual smells surrounding the area near any pipeline markers.

If you observe any of the above pipeline damage or leak indicators:

1. Do not investigate further.
2. Avoid all contact with any escaping liquids or gases. Leave the area immediately.
3. Once you are in a safe area, call your regional One-Call Center at toll-free 811 and Chevron Pipe Line Company for assistance.

## PROTECTION

### Establishing control of an accident site and assisting with safety procedures

In the event of a pipeline accident or leak, your personal safety is the first priority. Wear safety equipment suitable to protect yourself. The situation will require your professional presence to assist the public and other emergency teams.

Your next concern is for the safety of all residents and the public in the surrounding area. Establishing control of the situation as quickly as possible is vital in order to protect lives, property and the environment.

We recommend the following safety guidelines for all onsite response personnel:

Turn off all machinery and vehicles. Avoid driving over the affected area.

- Do not light a match.
- Do not turn any electrical switches on or off.
- Turn off all cellular telephones.
- Do not allow any smoking and immediately extinguish all smoking materials.
- Move the public upwind of any leak or vapor clouds.
- Do not attempt to extinguish any fire or flames on the pipeline right-of-way.
- Do not attempt to turn or operate any pipeline valves. This could potentially make the situation more dangerous and spread the damage.

Recommended traffic control and evacuation procedures at the release site:

- Prohibit traffic and the public from entering the area.
- Clear all vehicles and traffic for incoming emergency vehicles.
- Remain calm and courteous to direct the nearby public to a safe location.
- We recommend a central gathering place of safety such as a park or public building where the public can wait for assistance and notify others of their whereabouts.

Notify all emergency agencies:

- Call for emergency assistance to your local fire departments and law enforcement agencies and paramedics, if necessary.
- Call toll free 811 to notify your regional One-Call Center.
- Call the pipeline operating firm as indicated on the pipeline marker at the scene.

