



ABOUT IRONWOOD MIDSTREAM ENERGY PARTNERS LLC

Crude Oil Gathering System located in DeWitt, Gonzales, Karnes, Lavaca and La Salle Counties, and Natural Gas Gathering System in Karnes County.

WHAT DOES IRONWOOD MIDSTREAM ENERGY PARTNERS LLC DO IF A LEAK OCCURS?

PROTECT LIFE

- Follow Emergency Response Plans, if applicable
- Evacuate personnel and public to a safe point and isolate area
- Provide safe rescue of personnel
- Provide first aid: Call EMS
- Transport

MITIGATE SITUATION

- Shut off hazardous energy sources
- Find closest valve to limit fuel to site
- Call appropriate agencies

COMMUNICATE UP

- Employees - inform supervisors of emergency
- Supervisors - assess the situation and keep lines of communication open to both on-site employees and operations management
- Provide input regarding the need for additional personnel, technical services, contract specialists, etc.
- Notify corporate management as appropriate as well as the Safety/Environmental Specialist

SECURE SITE

- Control traffic
- Set up safe perimeter/evaluate wind (use gas detection meter)
- Cooperate with law enforcement and appropriate agencies
- Refer media to spokesperson

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Ironwood Midstream Energy Partners LLC invests significant time and capital maintaining the quality and integrity of their pipeline system. Active pipelines are monitored 24 hours a day via manned control centers.

Ironwood Midstream Energy Partners LLC actively participates in Texas811, a qualified one-call center. Ironwood Midstream Energy Partners LLC also utilizes aerial surveillance and/or on-ground observers to identify potential dangers. Control center personnel continually monitor the pipeline system and assess changes in pressure and flow. They notify field personnel if there is a possibility of a leak. Automatic shutoff valves are sometimes utilized to isolate a leak.



PRODUCTS TRANSPORTED IN YOUR AREA

PRODUCT:	CRUDE OIL [HAZARDOUS LIQUID]
LEAK TYPE:	Liquid
VAPORS:	Initially heavier than air and spread along ground and collect in low or confined areas. Vapors may travel to source of ignition and flash back. Explosion hazards indoors, outdoors or in sewers.
HEALTH HAZARDS:	Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Runoff from fire control or dilution water may cause pollution.
PRODUCT:	NATURAL GAS
LEAK TYPE:	Gas
VAPORS:	Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.
HEALTH HAZARDS:	Will be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.

EMERGENCY CONTACT:

1-877-344-1339

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
Natural Gas	1971	115

TEXAS COUNTIES OF OPERATION:

DeWitt	Lavaca
Gonzales	La Salle
Karnes	

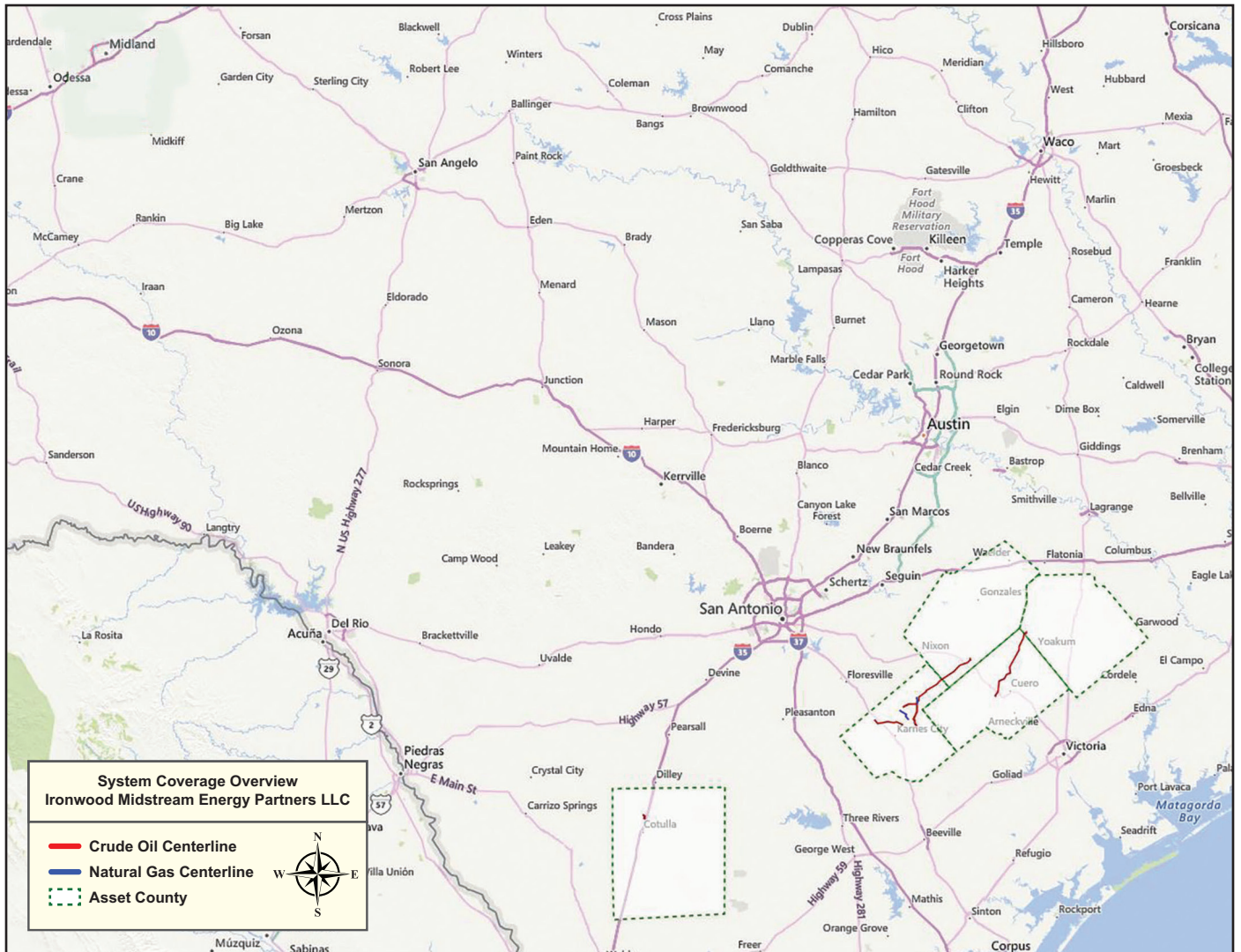
Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

HOW TO GET ADDITIONAL INFORMATION

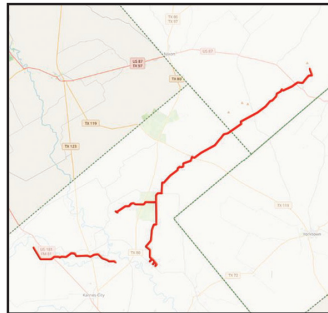
For additional information about Ironwood Midstream Energy Partners LLC, visit www.ironwoodmidstream.com or contact us directly.

For information on affected HCA segments or Ironwood's Integrity Management Plan contact Geron Hendrickson at geron.hendrickson@ironwoodmidstream.com.

Ironwood Midstream Energy Partners LLC



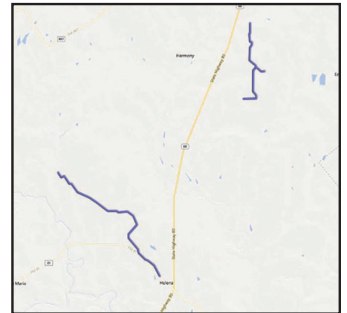
La Salle County



Gonzales & Karnes Counties



Lavaca & DeWitt Counties



Karnes County - Gas Gathering

Pipelines are between 4" - 12" in diameter

Base maps courtesy of openstreetmap.org