



LQF Terminal
 1602 CR 723
 Quintana, TX 77541
 Main Phone: 979-415-8700
 Website: <http://www.freeportlng.com/>

COMPANY PROFILE

Freeport LNG owns and operates natural gas transport, storage, pretreatment and liquefaction facility located between Quintana Island and Stratton Ridge, Texas. Freeport LNG's Facilities include the Stratton Ridge Meter Station, Stratton Ridge Underground Storage Facility, Pretreatment Facility, Storage and Trucking Facility, Liquefaction (LQF) Terminal, and interconnecting pipelines. The Freeport LNG (FLNG) piping system consists of approximately 11.2 miles of 42-inch FBE coated steel pipe, approximately 5.5 miles of 12-inch FBE coated steel pipe and approximately 1 mile of 24-inch FBE coated steel pipe.

PIPELINE DESCRIPTION

The Freeport LNG (FLNG) piping system consists of approximately 9.76 miles of 42-inch O.D. x API 5L X65 at design temperature of 150°F, Stress Allowable (Tension) = 65,000 psi coated steel pipe built in 2007. The 42-inch line is routed from the Quintana Pig Trap located in the LQF Terminal to the Stratton Ridge Pig Trap located in the Stratton Ridge Meter Station.

The gas is delivered at 1250 psig to the Stratton Ridge Metering Station. FLNG provides overpressure protection for the line. The maximum allowable operating pressure for the line is 1440 psig. The MAOP is 44.6% of SMYS.

The FLNG Natural Gas Pipeline originates at the mainline block valve located at the pig launcher in the LQF Terminal. The Quintana Island portion of the 42-inch FLNG Natural Gas Pipeline is routed from the pig trap launcher to the Marine Dock area as part of the buried Storage to Dock pipeway. This buried pipeway lays adjacent to and outside of the Quintana Island Storm Protection Levee. At the Dock area, the FLNG Pipeline exits the buried Storage to Dock Pipeway and continues to the pipeline crossing of the Freeport Harbor Channel. The pipeline is routed below the Freeport Harbor Channel. On the north side of the Freeport Harbor

Channel, the pipeline parallels an existing Seacrest Gas Pipeline toward Canal Drive and the Intracoastal Canal in the City of Surfside. The pipeline crosses the intracoastal Waterway and parallels the northwest side of Casco Road crossing under State Highway 332.

After the pipeline crosses State Highway 332 it makes a 90 degree turn and parallels the west side of Tarpon Lane. Just north of the termination of Tarpon Lane the pipeline is routed under the tidal marsh in a northwesterly direction. In 2016, an additional 1.5 miles of pipeline was constructed at the exit of the toe of the Hurricane Protection Levee. The pipeline runs in and out of the Pretreatment facility along with a Pig launcher / receiver at the facility, along with the 12" line that runs between the facilities. The pipeline then continues in a northwesterly direction within the

EMERGENCY CONTACT:
 1-800-794-0981

PRODUCTS / DOT GUIDEBOOK ID# / GUIDE#:
 Natural Gas 1971 115

**TEXAS
 COUNTIES OF OPERATION:**

Brazoria

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

flotation canal adjacent to the outside toe of the Hurricane Protection Levee. The pipeline continues within the flotation canal to a point approximately 900 feet south of Oyster Creek. At this location the pipeline turns northwesterly paralleling the east side of County

Line	Segment	Scaled Length (miles)	Normal Diameter	Contents	Maximum Flow Rate MMscfd	Line Fill	MAOP	SMYS
1	Quintana to PTF	5.48	42 inch	Gas	1,750 MMscfd		1440 psi	46.5% 65,000psi
2	PTF to Stratton Ridge	5.66	42 inch	Gas	1,750 MMscfd		1440 psi	46.5% 65,000psi
3	Quintana to PTF	5.56	12 inch	Gas	69 MMscfd		1416 psi	33.2% 52000psi
4	FM 523 to Compression Pad	0.39	24 inch	Gas	500 MMscfd		1440 psi	48.2% 65,000psi
5	Compression Pad to Cavern	0.54	24 inch	Gas	500 MMscfd		2600 psi	60% 52,000psi



Road 792. The pipeline continues to parallel the easterly side of County Road 792 for approximately 4,800 feet to a point where the pipeline turns north and crosses unimproved pastureland. The pipeline runs adjacent to County Road 792 and crosses the unimproved pasture. The pipeline then continues in a northerly direction paralleling the eastside of State Highway 523 for approximately 7,000 feet to a point where it enters the meter site located at Stratton Ridge. The pipeline terminates at the receiver pig trap located at the meter site. The entire length of the pipeline is 11.2 miles.

WHAT DOES FREEPORT LNG DO IF A LEAK OCCURS?

To prepare for the event of a leak, Freeport LNG personnel regularly communicate, plan and train with local emergency responders. Upon

notification of an incident or leak, Freeport LNG will immediately mobilize personnel to assist emergency responders. Freeport LNG and emergency responders will coordinate their activities through the National Incident Management System (NIMS) in order to protect life, property and facilities in the case of an emergency.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Freeport LNG invests significant time and capital maintaining the quality and integrity of our pipeline system. Our pipeline is monitored 24 hours a day via a manned control center. Freeport LNG 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 shut-off valves may be utilized to isolate a leak in the system.

Freeport LNG maintains a comprehensive Integrity Management Program (IMP) in order to ensure the long term integrity of all pipeline assets.

PRODUCTS TRANSPORTED

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.

HOW TO GET ADDITIONAL INFORMATION

Specific information about Freeport LNG's program may be found on our website www.freeportlng.com, or by contacting us directly at 800-303-6545.

CONTACTS

Freeport LNG

LQF Terminal
1602 CR 723

Quintana, TX 77541

- Security: 979-415-8725

- Main number: 979-415-8700

Freeport LNG Stratton Ridge Underground Storage Facility

5805 FM 523

Freeport, TX 77541

- Security: (979) 824-7606

- Main number: (979) 824-7600

Freeport LNG Houston Headquarters

333 Clay Street, STE 5050

Houston, TX 77002

- Main Number: 713-980-2888

RRC Pipeline Safety

- Phone: 512-463-7058

RRC.Texas.GOV

Pipeline Damage Prevention

- Phone: 512-475-0512

PHMSA Safety

- Phone: 202-366-4433

PHMSA Excavation Enforcement

- Phone: 202-366-4595

