Pipeline Map Request Information and Form (UPDATED 10/18/06)

Important Information

Currently, the Pipeline Mapping Section of the Railroad Commission of Texas (RRC) creates maps from a semi-automatic, GIS intranet-mapping application. The Pipeline Mapping Section uses GIS (Geographic Information System) applications to facilitate the development of the Mapping Project. The goal of this project is to collect and maintain all relevant pipeline information throughout the State of Texas, however the Mapping Project is still under development. Due to the ongoing development of this project, not all of the pipelines in a given area will appear on our maps. Any additional pipeline information may be obtained from the T-4 permit files located in the Pipeline Mapping & Permitting Section, which is open to the public.

Public office hours are from 8:00 AM to 4:30 PM, Monday through Friday.

Now Available Public GIS Map Viewer at **http://gis2.rrc.state.tx.us/public/** (Direct Path)

RRC: **www.rrc.state.tx.us,** Click: **Maps** (bottom left), **Public GIS Map Viewer for Oil, Gas, and Pipeline Data**, Helpful Info (to right), **GIS Map Viewer** (upper Left), **Disclaimer**, **Accept** button, **Map Viewer** opens.

Requirements for Pipeline Questions and Map Requests

If you call to request a pipeline map or if you have questions about a particular pipeline or area,
Please have 1 of the 5 following types of information:

1. GPS Coordinates Lat/Long (Degrees, Minutes, Seconds preferably)
2. County and Quad Name or Quad Number
3. County and Survey Abstract Number
4. *If looking for Offshore Lines:* **Coordinates or County, Offshore Tract Number and Bay Name**
5. County, closest City (or cities if a small town), major Roads, Lakes, Rivers

Note: Any background information can be helpful, such as the owner or operator or the previous owner or operator.

Pipeline Map Request Form, p. 2   (To Request a Map, Only Submit the Form)
List of Counties Requiring More than 1 map, p. 3
Pipeline Commodities and Types of Pipeline Systems, p. 4

THIS IMPORTANT NOTICE/DISCLAIMER IS FOR ALL PIPELINE MAPS; PLEASE READ.
Mapping data sets were generated from the Geographic Information System of the Railroad Commission of Texas. Base map information was obtained from U.S. Geological Survey 7.5 minute quadrangle maps. Patent Survey lines from Texas General Land Office maps were interpreted onto the U.S. Geological Survey base. Oil and gas well data and pipeline data were obtained from public records at the Railroad Commission of Texas. Mapping data sets are provided for informational purposes only. These data sets are continually being updated and refined. Users are responsible for checking the accuracy, completeness, currency, and/or suitability of these data sets themselves. This is not a survey grade product and should not be used to define or establish survey boundaries.

Quad & County Map Information:
The GIS intranet-mapping application is designed to handle **county and quad maps only**. Quad maps generated are based on USGS Quadrangles, which are 7.5 miles by 7.5 miles. All quads are at a scale of 1 inch = 2,000 feet. The scale for county maps can be adjusted from 1 inch = 2 miles to 1 inch = 3 miles and 1 inch = 4 miles.

The reason for an adjustable scale is that most counties in Texas fit at a 1 inch = 2 miles scale, however not all counties fit this scale. All counties fit a 1 inch = 4 miles scale, however at this scale the information on the map is not as easy to discern as it is at 1 inch = 3 miles. At 1 inch = 3 miles, only six counties do not fit on the map at this scale**.** There is a list of counties that do not fit at a 1 inch = 2 miles scale and at a 1 inch = 3 miles scale on **p. 3**, **List of Split Counties by Scale.** This list also includes the number of split county maps that will need to be created per county. The counties are not actually split into different sections. The split county maps will overlap each other.

Some counties require multiple maps due to the number of values within the county, split county or quad. Our intranet-mapping program limits the number of values for a given rendered attribute to 50 different color-pattern combinations. When pipelines are rendered, that means they are color-coded by the different values of an attribute. Due to the constant change in pipeline attributes such as ownership, it is difficult to determine an exact list of which counties or even quads will require additional maps. However, there is a list on **p. 3, Counties with Greater than 50 Operators.**

Allocation # _____   Gas Services Map Sales (44416)   Map RQ# _____

Pipeline Map Request Form

Name: _____   Phone: _____ Date: _____
Company Name: _____   Address: _____
Email or Fax #: _____   City, State, Zip: _____

Select Map Type and List the County and/or Quad Name/s (Number/s) below.
Note: **As mentioned on page 1, <u>some counties will require more than one map</u>. For a list of these Counties, See p. 3**

____ # of County Map(s)   ____ # of Quad Map(s) [7.5-mile x 7.5-mile Quadrangle]
_____   <u>Quad Name or #</u>   <u>Counties within</u>
_____   _____
_____   _____

<u>Pipeline Attributes</u>: Pipelines will be Color Coded by Operator. Note: Labels Optional & Can Clutter Map.
<u>Check only 1 box</u> below to choose as an Attribute to <u>Label</u> the pipelines.   8.5x11 Maps cannot be labeled.

County Map Pipeline Attributes: (Choose only 1)   **Quad Map Pipeline Attributes: (Choose only 1)**
___Commodity Name, **p. 4**   ___Commodity Name, **p. 4**
___Diameter   ___Diameter
___System Type, **p. 4**   ___System Type, **p. 4**
___Status *(I = In Service, B = Abandoned)*   ___Status *(I = In Service, B = Abandoned)*

Note: <u>Not</u> all pipelines will necessarily be on our maps. Mapping data sets are provided for informational purposes only.
Railroad Commission maps <u>must never</u> be used to substitute for contacting Texas One Call Systems 1-800-545-6005.

<u>Filter Options:</u> Maps can be filtered to only show certain types of pipelines. Any attributes listed above can be
filtered for a specific value. **Examples:**   <u>Exclude abandoned lines.</u>   <u>Show only Natural Gas lines.</u>
Please note any filter you would like: _____

County Standard Base Map Information: **Quad Standard Base Map Information:**
County Boundaries, City Boundaries, Major Roads,   County Boundaries, City Boundaries & Labels,
Railroads, Water (Lakes, Rivers)   Major Roads & Labels, Railroads, Water (Lakes, Rivers)
*Included on all County Maps   ***Included on all Quad Maps**

Optional County Base Map Features: **Optional Quad Base Map Features:**
___USGS Quad Outlines (Recommended)   ___Topography (Actual USGS Quadrangle)
___Survey Lines   ___Wells   ___Horizontal/Directional Lines
___Offshore Tracts   ___Survey Lines   ___Offshore Tracts
___Airports   ___Subdivisions   ___Government Lands
                                                                    ___Airports   ___Cemeteries

Select County Map Size: **Select Quad Map Size:**
____8 ½ x 11 Scale: Fit to Page   ____8 ½ x 11 Scale: Fit to Page
____24 x 36 Scale: Fit to Page   ____24 x 36 Scale: 1"=2000'
____24 x 36 Scale: 1"=2 mi.
____24 x 36 Scale: 1"=3 mi.
____24 x 36 Scale: 1"=4 mi.   **Fax:** 512-463-7962   or   **<u>Mail to:</u>**

<u>Map Format & Delivery Options:</u>   Attn: Pipeline Mapping, Gas Services Div.
____Hard Copy (coated paper, US Priority Mail)   Railroad Commission of Texas
____Digital Image (Jpeg files via Email)   P.O. Box 12967 Austin, TX 78711 –2967

GIS Digital Data: Go to <u>Digital Map Data</u> at www.rrc.state.tx.us/maps/index & Call <u>512-463-7254</u> or Email <u>IMS@rrc.state.tx.us</u>

For your protection, **PLEASE DO NOT WRITE YOUR CREDIT CARD INFORMATION ON THIS FORM.**
Only check Charge/Credit Card, to charge this payment. We will contact you by phone for your information.
Payment in advance is required before processing any request. Please allow 1 to 2 weeks for delivery.

____ *Charge/Credit Card*   ____ *Mailing Payment/Please make payable to: Railroad Commission of Texas*

For office use only:		24 x 36 QTY_____ @ $17.40 $
		8.5 x 11 QTY_____ @ $8.00 $
Check one: ___ MasterCard ___ Visa	Security Code: __ __ __	Shipping: 1 map / $3.85 Plus
Credit Card Number: __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __		2-10 maps / $3.95 Shipping $
Expiration Date: __ __ /__ __ /__ __ Billing Zip Code: __ __ __ __ __		11-19 maps / $4.75 Handling $ 4.45
Cardholder's Name:		20-28 maps / $5.30
Company Name:		29-37 maps / $5.85 **Total $ _____**

For any questions, please call 512-463-7167 and ask for Pipeline Mapping.

List of Counties Requiring More than 1 Map

Note: Pipeline Maps are **available for all counties** in the State of Texas. The list of counties below is simply to inform the customer that some counties require more than 1 map.

List of Split Counties by Scale
*Split Counties do not fit at a certain scale.

Split Counties at 1 inch = 2 miles
(This list of Counties all fit 1 inch = 3 miles)

Brazoria – 4 maps (NE, NW, SE & SW)
Brewster – 4 maps (NE, NW, SE & SW)
Crockett – 4 maps (NE, NW, SE & SW)
Culberson – 4 maps (NE, NW, SE & SW)
Galveston – 2 maps (North & South)
Harris – 4 maps (NE, NW, SE & SW)
Henderson – 2 maps (East & West)
Houston – 2 maps (North & South)
Hudespeth – 4 maps (NE, NW, SE & SW)
Jasper – 2 maps (North & South)
Jeff Davis – 4 maps (NE, NW, SE & SW)
Kenedy – 2 maps (North & South)
Kleberg – 2 maps (East & West)
Matagorda – 4 maps (NE, NW, SE & SW)
Maverick – 2 maps (North & South)
Newton – 2 maps (North & South)
Nueces – 2 maps (East & West)
Pecos – 4 maps (NE, NW, SE & SW)
Presidio – 4 maps (NE, NW, SE & SW)
Reeves – 4 maps (NE, NW, SE & SW)
Terrell – 4 maps (NE, NW, SE & SW)
Tom Green – 2 maps (East & West)
Valverde – 4 maps (NE, NW, SE & SW)
Webb – 4 maps (NE, NW, SE & SW)
Wharton – 2 maps (North & South)
Willacy – 2 maps (East & West)

Split Counties at 1 inch = 3 miles
(This list of Counties only fit 1 inch = 4 miles)

Brewster – 4 maps (NE, NW, SE & SW)
Culberson – 2 maps (North & South)
Hudspeth 2 maps (North & South)
Jeff Davis – 4 maps (NE, NW, SE & SW)
Pecos – 4 maps (NE, NW, SE & SW)
Presidio – 4 maps (NE, NW, SE & SW)
Reeves – 4 maps (NE, NW, SE & SW)

All counties fit a 1 inch = 4 mile-Scale

Counties with Greater than 50 Operators

Counties with 51 to 100 Operators require 2 maps.
Counties with 101 or more Operators require 3 maps.

Counties that fit 1" = 2 miles

Calhoun – 2 maps
Chambers – 3 maps (2 w/out Abandoned Lines)
Gregg – 2 to 3 maps (Recommend Fit to Page)
Harrison – 2 maps
Hidalgo – 2 maps
Jefferson – 3 maps
Liberty – 2 maps
Orange – 2 maps
Panola – 2 maps
Rusk – 2 maps
San Patricio – 2 maps

Note: Number of maps can increase if counties with greater than 50 operators split due to the map scale.

Counties that fit 1 inch = 3 miles

Brazoria – 2 maps
Crockett – 2 maps
Duval – 1 map
Galveston – 2 maps
Harris – 3 maps
Matagorda – 2 maps
Nueces – 2 maps
Wharton – 2 maps

Note: Counties listed above split at 1" = 2 miles & the number of maps required could increase at that scale.

Counties close to 51 Operators

Fort Bend – 1 map
Jackson – 1 map
Pecos – 1 map
Smith – 1 map
Victoria – 1 map

Note: Number of operators in a county can change & the counties listed above could require 2 maps.

Note: No pipelines on the Southeast (SE) & Southwest (SW) Maps of Brewster, Presidio & Terrell Counties

Pipeline Commodities and Types of Pipeline Systems

(This is **Not** an exhaustive list.)

Commodity Name	Commodity Category (Abbreviation)	System Type (Code)	System Type Descriptions
ACETYLENE	**PRD**	**T**	(GAS TRANSMISSION)
ACETYLENE OFF GAS	**PRD**	**T**	(GAS TRANSMISSION)
AMMONIA	**AA**	**C**	(NON_HVL LIQUID PRODUCT)
BENZENE	**PRD**	**P**	(NON_HVL LIQUID PRODUCT)
BUTANE	**HVL**	**Q**	(HVL PRODUCT)
CARBON DIOXIDE	**CO2**	**K**	(CARBON DIOXIDE)
CONDENSATE	**CRD**	**L**	(CRUDE GATHERING)
CONDENSATE	**CRD**	**O**	(CRUDE TRANSMISSION)
CRUDE OIL	**CRD**	**L**	(CRUDE GATHERING)
CRUDE OIL	**CRD**	**O**	(CRUDE TRANSMISSION)
EP MIX	**HVL**	**Q**	(HVL PRODUCT)
ETHANE	**HVL**	**Q**	(HVL PRODUCT)
ETHLYENE	**HVL**	**Q**	(HVL PRODUCT)
ETHYLENE GAS	**PRD**	**T**	(GAS TRANSMISSION)
GASOLINE	**PRD**	**P**	(NON_HVL LIQUID PRODUCT)
HYDROGEN GAS	**HG**	**T**	(GAS TRANSMISSION)
LIQUEFIED PETROLEUM GAS	**LPG**	**Q**	(HVL PRODUCT)
NATURAL GAS	**NG**	**G**	(GAS GATHERING)
NATURAL GAS FWS	**NG**	**G**	(GAS FULL WELL STREAM) GATHERING
NATURAL GAS	**NG**	**T**	(GAS TRANSMISSION)
NATURAL GAS FWS	**NG**	**T**	(GAS FULL WELL STREAM) TRANSMISSION
NATURAL GAS	**NG**	**D**	(GAS DISTRIBUTIONION)
NATURAL GAS LIQUIDS	**NGL**	**Q**	(HVL PRODUCT)
OXYGEN	**PRD**	**P**	(GAS TRANSMISSION)
PROPANE	**HVL**	**Q**	(HVL PRODUCT)

If you have questions regarding this list, please contact Pipeline Mapping at 512-463-7167.