

Natural Gas Pipelines

File Geodatabase Feature Class



Tags

natural gas, pipelines, transmission, north america

Summary

The Gas Pipelines layer can be used to illustrate the major pipelines in North America. This layer can also be used along with the Transmission Line layer to identify prime locations for natural gas fueled power plants.

Description

Natural Gas Pipelines for North America primarily focused on transmission and in some cases distribution.

Credits

Data is property of Platts, a division of McGraw Hill Financial, Inc. Data is not to be distributed without express, written consent of Platts.

Use limitations

Access is limited to the users identified in the Master Service Agreement (MSA) with Platts.

Extent

West -151.814993 **East** -59.586306
North 70.404307 **South** 14.214528

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE Natural Gas Pipelines

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.2.3552

CREDITS

Data is property of Platts, a division of McGraw Hill Financial, Inc. Data is not to be distributed without express, written consent of Platts.

ARCGIS ITEM PROPERTIES

* NAME NatGas_Pipelines

* LOCATION file: /\\CO07-DCVRTZ1\C\$\Users\claude_frank\Documents\Temp\Prod_Copy.gdb

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -151.814993

* EAST LONGITUDE -59.586306

* NORTH LATITUDE 70.404307

* SOUTH LATITUDE 14.214528

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -151.814993

* EAST LONGITUDE -59.586306

* SOUTH LATITUDE 14.214528

* NORTH LATITUDE 70.404307

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

Access is limited to the users identified in the Master Service Agreement (MSA) with Platts.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Geographic
- * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
- * COORDINATE REFERENCE DETAILS
 - GEOGRAPHIC COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 4326
 - X ORIGIN -400
 - Y ORIGIN -400
 - XY SCALE 999999999.99999988
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 8.983152841195215e-009
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LEFT LONGITUDE -180
 - LATEST WELL-KNOWN IDENTIFIER 4326
 - WELL-KNOWN TEXT GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433],AUTHORITY["EPSG",4326]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4326
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME NatGas_Pipelines
- * OBJECT TYPE composite
- * OBJECT COUNT 422609

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME NatGas_Pipelines
- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 422609
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ►

PROCESS

PROCESS NAME

DATE 2015-04-21 11:40:05

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.2\ArcToolbox\Toolboxes\Data Management Tools.tbx\CopyFeatures

COMMAND ISSUED

CopyFeatures GPL0 M: \MapData\Master_Layers\Prod_Copy.gdb\NatGas_Pi pel i nes # 0 0
0

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT NatGas_Pipelines ►

TYPE Feature Class

ROW COUNT 422609

FIELD OBJECTID ►

ALIAS OBJECTID_1

DATA TYPE OID

WIDTH 4

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD Shape ►

ALIAS Shape

DATA TYPE Geometry

WIDTH 0

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD PIPELINE ►

ALIAS PIPELINE

DATA TYPE String

WIDTH 50

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Trade name or common name for a pipeline

Hide Field PIPELINE ▲

FIELD BENTEK_ID ►

ALIAS BENTEK_ID

DATA TYPE Double

WIDTH 8

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Bentek issued ID

Hide Field BENTEK_ID ▲

FIELD OWNER ►

ALIAS OWNER

DATA TYPE String

WIDTH 100

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Name of a pipeline's primary owner

Hide Field OWNER ▲

FIELD OWNER_ID ►

ALIAS OWNER_ID

DATA TYPE String

WIDTH 15

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Platts issued ID for the pipeline's owner

[Hide Field OWNER_ID ▲](#)

FIELD TYPE ▶

ALIAS TYPE

DATA TYPE String

WIDTH 30

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Type of pipeline i.e. Interstate, Intrastate, Gathering, etc.

[Hide Field TYPE ▲](#)

FIELD ZONE ▶

ALIAS ZONE

DATA TYPE String

WIDTH 25

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Pipeline rate zone

[Hide Field ZONE ▲](#)

FIELD STATUS ▶

ALIAS STATUS

DATA TYPE String

WIDTH 30

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Operational status of the pipeline

[Hide Field STATUS ▲](#)

FIELD INSVCDATE ▶

ALIAS INSVCDATE

DATA TYPE Date

WIDTH 8

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Official in service date for when a pipeline came online or is scheduled to be put into service

[Hide Field INSVCDATE ▲](#)

FIELD ANNOUNCED ▶

ALIAS ANNOUNCED

DATA TYPE Date

WIDTH 8

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Date when a project was announced

Hide Field ANNOUNCED ▲

FIELD DOCKETNUM ►

ALIAS DOCKETNUM

DATA TYPE String

WIDTH 30

PRECISION 0

SCALE 0

FIELD DESCRIPTION

FERC filing docket number

Hide Field DOCKETNUM ▲

FIELD DIAMETER ►

ALIAS DIAMETER

DATA TYPE Double

WIDTH 8

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Pipeline diameter in inches

Hide Field DIAMETER ▲

FIELD SYSTEM1 ►

ALIAS SYSTEM1

DATA TYPE String

WIDTH 100

PRECISION 0

SCALE 0

FIELD DESCRIPTION

additional pipeline system information

Hide Field SYSTEM1 ▲

FIELD SYSTEM2 ►

ALIAS SYSTEM2

DATA TYPE String

WIDTH 100

PRECISION 0

SCALE 0

FIELD DESCRIPTION

additional pipeline system information

Hide Field SYSTEM2 ▲

FIELD NOTES ►

ALIAS NOTES

DATA TYPE String

WIDTH 200

PRECISION 0

SCALE 0

FIELD DESCRIPTION
Notes

Hide Field NOTES ▲

FIELD POSREL ►

ALIAS POSREL
DATA TYPE String
WIDTH 100
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Positional Reliability

Hide Field POSREL ▲

FIELD GASPIPE_ID ►

ALIAS GASPIPE_ID
DATA TYPE String
WIDTH 50
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Platts issued ID for the record

Hide Field GASPIPE_ID ▲

FIELD MODIFIED ►

ALIAS MODIFIED
DATA TYPE Date
WIDTH 8
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Modified Date

Hide Field MODIFIED ▲

FIELD COUNTRY ►

ALIAS COUNTRY
DATA TYPE String
WIDTH 50
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Country where a pipeline is located

Hide Field COUNTRY ▲

FIELD FERC_Code ►

ALIAS FERC_Code
DATA TYPE Integer
WIDTH 4
PRECISION 0

SCALE 0
FIELD DESCRIPTION
FERC ID for the pipeline

[Hide Field FERC_Code ▲](#)

FIELD **ShortName** ▶
ALIAS ShortName
DATA TYPE String
WIDTH 7
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Abbreviated trade name for a pipeline

[Hide Field ShortName ▲](#)

FIELD **Name** ▶
ALIAS Name
DATA TYPE String
WIDTH 50
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Long trade name for a pipeline

[Hide Field Name ▲](#)

FIELD **Shape_Length** ▶
ALIAS Shape_Length
DATA TYPE Double
WIDTH 8
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Length of feature in internal units.

DESCRIPTION SOURCE
Esri

DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

[Hide Field Shape_Length ▲](#)

[Hide Details for object NatGas_Pipelines ▲](#)

[Hide Fields ▲](#)

Metadata Details ▶

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2015-05-27

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2015-04-21 11:40:05

LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-05-27 14:33:23

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2015-05-27 14:31:24

[Hide Metadata Details ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ►

Identification ►

CITATION

CITATION INFORMATION

ORIGINATOR Platts, a division of McGraw Hill Financial, Inc.

PUBLICATION DATE 05/15/2015

PUBLICATION TIME 09:00

TITLE

Natural Gas Pipelines

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Denver, CO

PUBLISHER Platts, a division of McGraw Hill Financial, Inc.

ONLINE LINKAGE <http://www.platts.com/maps-geospatial>

ONLINE LINKAGE <http://www.maps.platts.com>

DESCRIPTION

ABSTRACT

Natural Gas Pipelines for North America primarily focused on transmission and in some cases distribution.

PURPOSE

The Gas Pipelines layer can be used to illustrate the major pipelines in North America. This layer can also be used along with the Transmission Line layer to identify prime locations for natural gas fueled power plants.

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -151.814993

EAST BOUNDING COORDINATE -59.586306
NORTH BOUNDING COORDINATE 70.4043070000001
SOUTH BOUNDING COORDINATE 14.2145283740001

ACCESS CONSTRAINTS

Access is limited to the users identified in Master Service Agreement with Platts.

POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Platts, a division of McGraw Hill Financial, Inc.

CONTACT PERSON Geospatial Manager

CONTACT POSITION Platts Geospatial Team, Denver CO, USA

CONTACT ADDRESS

ADDRESS TYPE Street Address

ADDRESS 1800 Larimer Street, Suite 2000

CITY Denver

STATE OR PROVINCE CO

POSTAL CODE 80202

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 1-800-PLATTS-8

CONTACT ELECTRONIC MAIL ADDRESS maps@platts.com

CONTACT ELECTRONIC MAIL ADDRESS maps@bentekenergy.com

HOURS OF SERVICE 8am-4pm

CONTACT INSTRUCTIONS

Email us at maps@platts.com.

NATIVE DATA SET ENVIRONMENT

Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

Hide Identification ▲

Data Quality ►

POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY

HORIZONTAL POSITIONAL ACCURACY REPORT

Accuracy varies. See POS_REL (positional reliability) attribute for details.

Hide Data Quality ▲

Spatial Reference ►

HORIZONTAL COORDINATE SYSTEM DEFINITION

GEODETTIC MODEL

HORIZONTAL DATUM NAME D_WGS_1984

ELLIPSOID NAME WGS_1984

SEMI-MAJOR AXIS 6378137

Hide Spatial Reference ▲

Entities and Attributes ►

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL NatGas_Pipelines

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL PIPELINE
ATTRIBUTE DEFINITION
Trade name or common name for a pipeline

ATTRIBUTE
ATTRIBUTE LABEL BENTEK_ID
ATTRIBUTE DEFINITION
Bentek issued ID

ATTRIBUTE
ATTRIBUTE LABEL OWNER
ATTRIBUTE DEFINITION
Name of a pipeline's primary owner

ATTRIBUTE
ATTRIBUTE LABEL OWNER_ID
ATTRIBUTE DEFINITION
Platts issued ID for the pipeline's owner

ATTRIBUTE
ATTRIBUTE LABEL TYPE
ATTRIBUTE DEFINITION
Type of pipeline i.e. Interstate, Intrastate, Gathering, etc.

ATTRIBUTE
ATTRIBUTE LABEL ZONE
ATTRIBUTE DEFINITION
Pipeline rate zone

ATTRIBUTE
ATTRIBUTE LABEL STATUS
ATTRIBUTE DEFINITION
Operational status of the pipeline

ATTRIBUTE
ATTRIBUTE LABEL INSVCDATE
ATTRIBUTE DEFINITION
Official in service date for when a pipeline came online or is scheduled to be put into service

ATTRIBUTE

ATTRIBUTE LABEL ANNOUNCED
ATTRIBUTE DEFINITION
Date when a project was announced

ATTRIBUTE
ATTRIBUTE LABEL DOCKETNUM
ATTRIBUTE DEFINITION
FERC filing docket number

ATTRIBUTE
ATTRIBUTE LABEL DIAMETER
ATTRIBUTE DEFINITION
Pipeline diameter in inches

ATTRIBUTE
ATTRIBUTE LABEL SYSTEM1
ATTRIBUTE DEFINITION
additional pipeline system information

ATTRIBUTE
ATTRIBUTE LABEL SYSTEM2
ATTRIBUTE DEFINITION
additional pipeline system information

ATTRIBUTE
ATTRIBUTE LABEL NOTES
ATTRIBUTE DEFINITION
Notes

ATTRIBUTE
ATTRIBUTE LABEL POSREL
ATTRIBUTE DEFINITION
Positional Reliability

ATTRIBUTE
ATTRIBUTE LABEL GASPIPE_ID
ATTRIBUTE DEFINITION
Platts issued ID for the record

ATTRIBUTE
ATTRIBUTE LABEL MODIFIED
ATTRIBUTE DEFINITION
Modified Date

ATTRIBUTE
ATTRIBUTE LABEL COUNTRY
ATTRIBUTE DEFINITION
Country where a pipeline is located

ATTRIBUTE
ATTRIBUTE LABEL FERC_Code
ATTRIBUTE DEFINITION
FERC ID for the pipeline

ATTRIBUTE
ATTRIBUTE LABEL ShortName
ATTRIBUTE DEFINITION
Abbreviated trade name for a pipeline

ATTRIBUTE

ATTRIBUTE LABEL Name

ATTRIBUTE DEFINITION

Long trade name for a pipeline

ATTRIBUTE

ATTRIBUTE LABEL Shape_Length

ATTRIBUTE DEFINITION

Length of feature in internal units.

ATTRIBUTE DEFINITION SOURCE Esri

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers that are automatically generated.

Hide Entities and Attributes ▲

Distribution Information ►

DISTRIBUTION LIABILITY

Platts is not liable for decisions based on this data. Customer assumes liability and is encouraged to seek multiple sources.

Hide Distribution Information ▲

Metadata Reference ►

METADATA DATE 2015-04-28

Hide Metadata Reference ▲