

AUGUST 13, 2021



SUBMISSION REQUIREMENTS FOR NATURAL GAS GATHERING SYSTEM AS-BUILT MAPS

19.15.28.9 NMAC

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
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Overview

Natural gas gathering system and gathering pipeline maps (“System Maps”) must be submitted to the Oil Conservation Division (“OCD”) using a standardized file geodatabase schema as outlined in this document. The use of a standardized model allows OCD to efficiently manage operator submissions in a centralized database repository per 19.15.28.9 NMAC.

19.15.28.9 LOCATION REQUIREMENTS:

- A. The operator shall file with the division a GIS digitally formatted as-built map:
 - (1) for a new gathering pipeline or natural gas gathering system, no later than 90 days after placing the gathering pipeline or system into service;
 - (2) for an existing gathering pipeline or natural gas gathering system no later than 90 days after May 25, 2021; and
 - (3) for an addition to an existing gathering pipeline or natural gas gathering system, no later than 90 days after placing the addition into service.
- B. To ensure proper field identification of a gathering pipeline in an emergency, the as-built map shall include a layer which identifies the pipeline size and construction material type.
- C. No later than July 1st of each year, the operator shall file with the division an updated GIS digitally formatted as-built map of its gathering pipeline or natural gas gathering system, which shall include a GIS layer that identifies the date, location and volume of vented or flared natural gas of each emergency, malfunction and release reported to the division since 19.15.28 NMAC became applicable to the pipeline or system.
- D. The operator may assert confidentiality for the GIS digitally formatted as-built map and GIS layer pursuant to Section 71-2-8 NMSA 1978.

File Submission Format

System Maps will be submitted to OCD in the Esri file geodatabase format.

- Do not submit Esri shapefile, personal geodatabase, or other raw formats.
- Do not submit GIS files that were converted to a file geodatabase format without following the required database template.

File Geodatabase and feature layers must use an underscore, rather than a period or space, when naming files. (ex. FacID_Date_NGGS)

Spatial Reference

The accepted geographic coordinate system is:

GCS North American 1983
WKID: 4269 Authority: EPSG

Packaging and Delivery

System Maps must be submitted as a zipped file geodatabase through the OCD Permitting System's Natural Gas Gathering System – As Built Map application type (NGGS-MAP). For this purpose, OCD Permitting operator registration and user login are required.

UF-NGGS	[NGGS] NGGS Registration (NGGS-REG) • Additionally referred to as: Natural Gas Gathering System - Registration (NGGS-REG). <i>Click to view expected documentation</i>	[NGGS] NGGS Registration
	[NGGS] NGGS As Built Map (NGGS-MAP) • Additionally referred to as: Natural Gas Gathering System - As Built Map (NGGS-MAP). <i>Click to view expected documentation</i>	[NGGS] NGGS As Built Map
	[NGGS] NGGS Operations Plan (NGGS-OP) • Additionally referred to as: Natural Gas Gathering System - Operations Plan (NGGS-OP). <i>Click to view expected documentation</i>	[NGGS] NGGS Operations Plan
<i>Click to view related NMAC</i>		

Natural Gas Gathering System: Entity and Attribute Information

An empty file geodatabase schema is available to load System Maps.

“**Natural gas gathering system**” means the gathering pipelines and associated facilities that compress, dehydrate, or treat natural gas after the custody transfer point and ending at the connection point with a natural gas processing plant or transmission or distribution system. 19.15.28.7 NMAC.

“**Gathering pipeline**” means a pipeline that gathers natural gas within a natural gas gathering system. 19.15.28.7 NMAC.

OGRID

{OGRID}

Data Type: Long Integer

Required Field: Yes

Numeric identifier issued by OCD to the operator of a natural gas gathering system or gathering pipeline.

OGRID Name

{OGRIDName}

Data Type: Text

Length: 255

Required Field: Yes

Name of the operator managing of a natural gas gathering system or gathering pipeline.

System Name

{SysName}

Data Type: Text

Length: 255

Required Field: No

Name of the natural gas gathering system or gathering pipeline if available.

Subsystem Name

{SysSubName}

Data Type: Text

Length: 255

Required Field: No

Subsystem name if available.

Facility ID

{FacID}

Data Type: Text

Length: 14

Required Field: Yes

A unique number for each natural gas gathering system or gathering pipeline assigned by registration through the OCD E-Permitting System.

Diameter

{Diameter}

Data Type: Float

Required Field: Yes

Outside diameter of a pipeline segment reported in inches to two decimal places, except that nominal pipe size must be used if the diameter is greater than 12 inches. Do not enter zero in this field.

Material

{Material}

Data Type: Text

Length: 20

Required Field: Yes

Type of material used in the construction of the natural gas gathering system or gathering pipeline.

Value	Description
Steel	A pipe segment whose material is built using steel
Non-steel	A pipe segment whose material is built using non-steel material

Length

{Length}

Data Type: Double

Required Field: Yes

Length of the natural gas gathering system or gathering pipeline in miles.

Status

{Status}

Data Type: Text

Length: 255

Required Field: Yes

The current status of the natural gas gathering system or gathering pipeline.

Status	Value	Description
In Service	A	A pipe segment which is in active service
Abandoned	B	A pipe segment which is abandoned
Idle	D	A pipe segment which is not in active service but not abandoned

Quality

{Quality}

Data Type: Text

Length: 1

Required Field: Yes

Estimate of the positional accuracy of the segment of natural gas gathering system or gathering pipeline.

Value	Description
E	Within 50 feet
V	51-300 feet
G	301-500 feet
P	501-1000 feet
U	Unknown

Installation Type

{InstallType}

Data Type: Text

Length: 20

Required Field: Yes

Identification of natural gas gathering system or gathering pipeline relative to the ground surface.

Value	Description
Surface	Above ground
Below	Below ground

Submission Date

{SubDate}

Data Type: Date

Format: mm/dd/yyyy

Required Field: Yes

Date of submittal for System Map.

Revision Date

{RevDate}

Data Type: Date

Format: mm/dd/yyyy

Required Field: Yes

Date the system map was last revised.

County Name

{County}

Data Type: Text

Length: 20

Required Field: Yes

County in which the system or pipeline is located.

County FIPS

{CountyFIPS}

Data Type: Short Integer

Length: 5

Required Field: Yes

The 5-digit Federal Information Processing Standard (FIPS) for the system or pipeline.

Confidentiality

{Confidential}

Data Type: Text

Length: 1

Required Field: Yes

The operator may assert confidentiality for the system map pursuant to Section 71-2-8 NMSA 1978

Value	Description
Y	Yes
N	No

Releases: Entity and Attribute Information

An empty file geodatabase schema is available to load system maps.

19.15.28.9(C) NMAC:

No later than July 1st of each year, the operator shall file with the division an updated system map GIS digitally formatted as-built map of its gathering pipeline or natural gas gathering system, which shall include a GIS layer that identifies the date, location and volume of vented or flared natural gas of each emergency, malfunction and release reported to the division since 19.15.28 NMAC became applicable to the pipeline or system.

Operators must include releases reported on Forms C-129 or C-141.

OGRID

{OGRID}

Data Type: Long Integer

Required Field: Yes

Numeric identifier issued by OCD to the operator of a natural gas gathering system or gathering pipeline.

OGRID Name

{OGRIDName}

Data Type: Text

Length: 255

Required Field: Yes

Name of the operator managing of a natural gas gathering system or gathering pipeline.

System Name

{SysName}

Data Type: Text

Length: 255

Required Field: No

Name of the natural gas gathering system or gathering pipeline if available.

Subsystem Name

{SubSysName}

Data Type: Text

Length: 255

Required Field: No

Subsystem name if available.

Facility ID

{FacID}

Data Type: Text

Length: 14

Required Field: Yes

A unique number for each natural gas gathering system or gathering pipeline assigned by registration through the OCD E-Permitting System.

Incident ID

{IncidentID}

Data Type: Text

Length: 14

Required Field: Yes

A unique number for each release reported on a C-129 or C-141.

Release Date

{RelDate}

Data Type: Date

Format: mm/dd/yyyy

Required Field: Yes

Date of release.

Latitude

{Latitude}

Data Type: Double

Required Field: Yes

Latitude reported in GCS North American 1983 WKID: 4269 Authority: EPSG.

Longitude

{Longitude}

Data Type: Double

Required Field: Yes

Longitude reported in GCS North American 1983 WKID: 4269 Authority: EPSG.

Volume

{Volume}

Data Type: Double

Required Field: Yes

Volume of release (measured or calculated).

Unit of Measurement

{Unit}

Data Type: Text

Required Field: Yes

Unit of measurement used for any volume of release.

Value	Description
MCF	One Thousand Cubic Feet
BBLS	Barrels

Type of Release

{Type}

Data Type: Text

Length: 10

Required Field: Yes

Type of release.

Value	Description
Vent	Vented natural gas only
Flared	Flared natural gas only
Spill	Condensate or other liquid oil field waste with or without vented or flared natural gas condensate spilled or other liquid forms

N E W M E X I C O



Energy, Minerals and Natural Resources Department