

Gas Composition and Properties

Effective March 1, 2021 07:00 - January 18, 2038 21:14



Source #: 64105

Name: F M BURLESON WN #3

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.4674		0.8154	Pressure Base	14.73
Nitrogen (N2)	1.0141		1.1262	Temperature Base	60
Methane (C1)	67.4198		42.8758	HCDP @ Sample Pressure	
Ethane (C2)	12.8327	3.4494	15.2964	Cricondenthem	
Propane (C3)	9.4195	2.6083	16.4655	HV, Dry @ Base P, T	1485.21
Isobutane (IC4)	1.5759	0.5183	3.6310	HV, Sat @ Base P, T	1459.37
n-Butane (NC4)	3.8484	1.2194	8.8670	HV, Sat @ Sample P, T	1447.67
Isopentane (IC5)	1.0634	0.3909	3.0414	Relative Density	0.8753
n-Pentane (NC5)	0.9588	0.3493	2.7423		
Neopentane (neo)					
Hexanes Plus (C6+)	1.3860	0.6079	5.1201		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.0140		0.0189	C6+: 60 - 30 - 10	
Totals	100.0000	9.1420	100.0000		

Sample

Date: 03/04/2021

Type: Spot

Tech: Doug Harrison

Pressure:

13.4 psi

Temp.:

89 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.2 psi

H2S:

140 ppm

Remarks:

Analysis

Date: 03/09/2021

Instrument:

Cylinder:

Tech: MGN

Remarks:

*** End of Report ***

Gas Release Calc. (Leak, Relief Vlv, etc.)

Hole or Rip/Gouge?:

Hole

Specific Gravity:

0.750

Length (in inches):

Pipeline Diameter:

16.000

Width (in inches):

Equivalent Diameter:

0.500

Diameter (in inches):

0.500

Release Rate (MCF/Hour):

4.8

Pressure (psig):

10.0

Discovery to Repair (Mcf):

108.1

District I1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 58073

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 58073
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS**Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident Well	Not answered.
Incident Facility	[fAPP2123149329] ETC NGGS

Determination of Reporting Requirements

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a venting and/or flaring event	Yes, minor venting and/or flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the venting and/or flaring within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved

Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	67
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	140
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

Date(s) and Time(s)

Date venting and/or flaring was discovered or commenced	10/13/2021
Time venting and/or flaring was discovered or commenced	11:30 AM
Time venting and/or flaring was terminated	11:59 PM
Cumulative hours during this event	22

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 108 Mcf Recovered: 0 Mcf Lost: 108 Mcf
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Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity

Was or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	The release was a result of corrosion of the pipeline segment. Corrosion is a common occurrence in the industry.
Steps taken to limit the duration and magnitude of venting and/or flaring	The line was isolated and clamped to stop the release as safely and efficiently as possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Not applicable - corrosion is a common occurrence in the industry.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
cblackaller	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	10/27/2021