

Gas Composition and Properties

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



Source #: 63585

Name: G M CONE B-1 A-1

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	0.0901		0.1905
Nitrogen (N2)	1.7077		2.2985
Methane (C1)	81.0657		62.4840
Ethane (C2)	8.9484	2.4008	12.9278
Propane (C3)	4.4924	1.2416	9.5177
Isobutane (IC4)	0.4494	0.1475	1.2550
n-Butane (NC4)	1.3959	0.4415	3.8981
Isopentane (IC5)	0.3614	0.1326	1.2528
n-Pentane (NC5)	0.4859	0.1767	1.6844
Neopentane (neo)			
Hexanes Plus (C6+)	1.0031	0.4391	4.4912
Argon (Ar)			
Carbon Monoxide (CO)			
Hydrogen (H2)			
Oxygen (O2)			
Helium (He)			
Water (H2O)			
Hydrogen Sulfide (H2S)	0.0000		0.0000
Totals	100.0000	4.9810	100.0000

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	
Cricondentherm	
HV, Dry @ Base P, T	1242.83
HV, Sat @ Base P, T	1221.20
HV, Sat @ Sample P, T	1232.23
Relative Density	0.7208
C6+: 60 - 30 - 10	

Sample

Date: 02/09/2021

Type: Spot

Tech: TROY ADAMS

Pressure:

21.9 psi

Temp.:

64 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.2 psi

H2S:

0 ppm

Remarks:

Analysis

Date: 02/18/2021

Instrument:

Cylinder:

Tech: MGN

Remarks:

*** End of Report ***

Purge Calculation

	Date (m/dd/yy)	Time (hr:mm)	
Purge Timeline:	11/12/2021	17:00	Duration (in min): 10.00

	Latitude:	Longitude:	Location Detail:
Purge Location:	32.384084	,-103.116109	Outside a Fenced Facility

Purge Location Desc:	
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Pipe Diam. (in inches):	6.0	Was Gas Flared?	Yes
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Length (in feet):	9077.0	Was Gas Metered?	No
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Pipeline Press. (psig):	15.0		
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Blowdown Size (valve):	4.0	Purge Gas (Mcf):	63.5
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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 62100

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 62100
	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	No
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
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	81
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
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	11/12/2021
Time venting and/or flaring was discovered or commenced	05:00 PM
Time venting and/or flaring was terminated	05:10 PM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Midstream Scheduled Maintenance Pipeline (Any) Natural Gas Vented Released: 64 Mcf Recovered: 0 Mcf Lost: 64 Mcf

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	No
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	590-feet of the line required replacement due to corrosion. This was a scheduled replacement.
Steps taken to limit the duration and magnitude of venting and/or flaring	The line was purged as safely and efficiently as possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Not applicable - replacement was necessary due to corrosion, which is a common occurrence in the industry.

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CONDITIONS

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	Action Number: 62100
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	11/16/2021