

Gas Composition and Properties

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



Source #: 59837

Name: BERTHA BARBER #16

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	1.7016		3.4906	Pressure Base	14.73
Nitrogen (N2)	2.2373		2.9214	Temperature Base	60
Methane (C1)	78.8729		58.9788	HCDP @ Sample Pressure	
Ethane (C2)	8.9370	2.3979	12.5259	Cricondentherm	
Propane (C3)	3.9984	1.1051	8.2182	HV, Dry @ Base P, T	1223.92
Isobutane (IC4)	0.5706	0.1873	1.5459	HV, Sat @ Base P, T	1202.62
n-Butane (NC4)	1.3855	0.4382	3.7536	HV, Sat @ Sample P, T	1197.35
Isopentane (IC5)	0.4187	0.1536	1.4081	Relative Density	0.7430
n-Pentane (NC5)	0.4577	0.1665	1.5392		
Neopentane (neo)					
Hexanes Plus (C6+)	1.2203	0.5342	5.3006		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.2000		0.3177	C6+: 60 - 30 - 10	
Totals	100.0000	4.9820	100.0000		

Sample

Date: 08/11/2021

Type: Spot

Tech: Tommy Deck

Pressure:

17.0 psi

Temp.:

88 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.2 psi

H2S:

2,000 ppm

Remarks:

Analysis

Date: 08/16/2021

Instrument:

Cylinder:

Tech: CDW

Remarks:

*** End of Report ***

Purge Calculation

Purge Timeline: Date (m/dd/yy) Time (hr:mm) Duration (in min):

12/30/2021	11:40	15.00
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Purge Location: Latitude: Longitude: Location Detail:

32.600847	103.256877	Outside a Fenced Facility
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Purge Location Desc:

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Pipe Diam. (in inches): 16.0 Was Gas Flared? Yes

Length (in feet): 13463.0 Was Gas Metered? No

Pipeline Press. (psig): 20.0

Blowdown Size (valve): 6.0 Purge Gas (Mcf): 199.2

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State of New Mexico
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Oil Conservation Division
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DEFINITIONS

Action 72143

DEFINITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 72143
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 72143

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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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or within 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	79
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2,000
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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.

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QUESTIONS, Page 2

Action 72143

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/30/2021
Time vent or flare was discovered or commenced	11:40 AM
Time vent or flare was terminated	11:55 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Commissioning to Purge Pipeline (Any) Natural Gas Flared Released: 199 Mcf Recovered: 0 Mcf Lost: 199 Mcf
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 this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	The initial release was a result of corrosion of the line segment. After repairs, the line had to be purged.
Steps taken to limit the duration and magnitude of vent or flare	The line was purged as efficiently and safely as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Not applicable - the initial release which lead to the purge was a result of corrosion which is a common occurrence in the industry.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
<input checked="" type="checkbox"/>	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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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.	1/13/2022