

Gas Composition and Properties

Effective June 1, 2022 07:00 - January 18, 2038 21:14



Source #: 57541

Name: ADMIRAL FEDERAL #2H

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.1734		0.3381	Pressure Base	14.73
Nitrogen (N2)	0.8902		1.1047	Temperature Base	60
Methane (C1)	74.7022		53.0894	HCDP @ Sample Pressure	
Ethane (C2)	12.4806	3.3510	16.6248	Cricondentherm	
Propane (C3)	6.2918	1.7402	12.2906	HV, Dry @ Base P, T	1350.39
Isobutane (IC4)	0.9015	0.2962	2.3212	HV, Sat @ Base P, T	1326.89
n-Butane (NC4)	2.2414	0.7094	5.7712	HV, Sat @ Sample P, T	1340.32
Isopentane (IC5)	0.5343	0.1962	1.7077	Relative Density	0.7824
n-Pentane (NC5)	0.6598	0.2401	2.1088		
Neopentane (neo)					
Hexanes Plus (C6+)	1.1248	0.4928	4.6435		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.0000		0.0000	C6+: 60 - 30 - 10	
Totals	100.0000	7.0250	100.0000		

Sample

Date: 06/02/2022

Type: Spot

Tech: JOSE REGINO

Pressure:

57.0 psi

Temp.:

81 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.2 psi

H2S:

0 ppm

Remarks:

Analysis

Date: 06/07/2022

Instrument:

Cylinder:

Tech: DMA

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:

0.200

Diameter (in inches):

0.200

Release Rate (MCF/Hour):

2.1

Pressure (psig):

50.0

Temperature (Deg F):

55.0

Gas Release (Mcf):

8.5

Pipeline Blow Down

Blowdown Timeline: Date (m/dd/yy) 7/11/2022 Time (hr:mm) 13:45 Duration (in min): 180.00

Blowdown Location: Latitude: 32.0640857 Longitude: 103.9975537 Location Detail:

Blowdown Location Desc: At release site

	Notes	Inside Diameter	Miles	Feet	Volume (Cu Ft)
1		16.0000	9.15		67,456.28
2					
3					
Equivalent Diameter:		16.0000	Total Length:	48,312	67,456.28

Start Pressure (psig): 50.0 End Pressure (psig): 0.0
 Start Temperature (Deg F): 55.0 End Temperature (Deg F): 55.0
 Specific Gravity: 0.750 End Volume (MCF): 0.00
 Start Volume (MCF): 295.8

Was Gas Flared? No Total Blowdown (Mcf): 295.8

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
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DEFINITIONS

Action 129029

DEFINITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 129029
	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 129029

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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 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	75
Nitrogen (N2) percentage, if greater than one percent	1
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.

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QUESTIONS, Page 2

Action 129029

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/11/2022
Time vent or flare was discovered or commenced	01:45 PM
Time vent or flare was terminated	04:45 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Repair and Maintenance Pipeline (Any) Natural Gas Vented Released: 296 Mcf Recovered: 0 Mcf Lost: 296 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 50 Mcf Recovered: 0 Mcf Lost: 50 Mcf]
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 leak was a result of corrosion and the subsequent blowdown was necessary to shut-in the line for repair.
Steps taken to limit the duration and magnitude of vent or flare	The line was blowdown as efficiently and safely as possible.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Not applicable. These are common industry occurrences.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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.	7/27/2022