Gas Composition and Properties

Effective September 1, 2005 07:00 - January 18, 2038 21:14

ENERGY TRANSFER

Source #: 59939
Name: 59939

Component	Mole %	Liquid Content	Mass %
Carbon Dioxide (CO2)	0.0767		0.1614
Nitrogen (N2)	1.5008		2.0097
Methane (C1)	77.4134		59.3637
Ethane (C2)	10.8033	0.0000	15.5283
Propane (C3)	5.0763	0.0000	10.7002
Isobutane (IC4)	0.5229	0.0000	1.4528
n-Butane (NC4)	1.3789	0.0000	3.8311
Isopentane (IC5)	0.2811	0.0000	0.9695
n-Pentane (NC5)	0.3528	0.0000	1.2168
n-Hexane (C6)	0.7538	0.0000	3.1052
n-Heptane (C7)	0.0000	0.0000	0.0000
n-Octane (C8)	0.0000	0.0000	0.0000
n-Nonane (C9)	0.0000	0.0000	0.0000
Decanes Plus (C10+)	0.0000	0.0000	0.0000
Argon (Ar)	0.0000		0.0000
Carbon Monoxide (CO)	0.0000		0.0000
Hydrogen (H2)	0.0000		0.0000
Oxygen (O2)	0.0000		0.0000
Helium (He)	0.0000		0.0000
Water (H2O)	1.7400		1.4984
Hydrogen Sulfide (H2S)	0.1000		0.1629
Totals	100.0000	0.0000	100.0000

Property	Total Sample
Pressure Base	14.73
Temperature Base	60
HCDP @ Sample Pressure	
Cricondentherm	
HV, Dry @ Base P, T	1251.40
HV, Sat @ Base P, T	1229.70
HV, Sat @ Sample P, T	1229.70
Relative Density	0.7270

C10+: 75 - 25

Sample

Date: 09/12/2005 Type: Spot
Tech:
Pressure: 22.0 psi Temp.: 75 °F
Gauge: Absolute H2O:
Atm. Pressure: H2S: 1,000 ppm

Remarks:

Analysis

Date: 09/14/2005 Instrument:
Cylinder:
Tech:

Remarks:

*** End of Report ***

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

Hole or Rip/Gouge?:	Hole	Specific Gravity:	0.600
Length (in inches):			
Width (in inches):		Equivalent Diameter:	2.000
Diameter (in inches):	2.000	Release Rate (MCF/Hour):	271.1
Pressure (psig):	60.0	**Discovery to Repair (Mcf):**	542.2
Temperature (Deg F):	75.0	**Estimated Total Lost (Mcf):**	542.2

District I
1625 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 56743

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 56743
	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 addional 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	No
Is this considered a submission for a venting and/or flaring event	**Yes, major 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	77
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	1,000
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	10/07/2021
Time venting and/or flaring was discovered or commenced	12:00 PM
Time venting and/or flaring was terminated	02:00 PM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion | Pipeline (Any) | Natural Gas Vented | Released: 542 Mcf | Recovered: 0 Mcf | Lost: 542 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	*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.
Steps taken to limit the duration and magnitude of venting and/or flaring	The leak was repaired as quickly and safely as possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Not applicable - pipeline corrosion is common in the industry.

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CONDITIONS

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	Action Number: 56743
	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.	10/19/2021