

Gas Composition and Properties

Effective October 1, 2019 07:00 - January 18, 2038 21:14



Source #: 57197
Name: MADERA #30

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.4775		0.9800	Pressure Base	14.73
Nitrogen (N2)	4.8367		6.3185	Temperature Base	60
Methane (C1)	76.0701		56.9093	HCDP @ Sample Pressure	
Ethane (C2)	9.8973	2.6553	13.8782	Cricondenthem	
Propane (C3)	5.0569	1.3976	10.3986	HV, Dry @ Base P, T	1215.16
Isobutane (IC4)	0.6126	0.2011	1.6604	HV, Sat @ Base P, T	1194.01
n-Butane (NC4)	1.5268	0.4829	4.1383	HV, Sat @ Sample P, T	1214.07
Isopentane (IC5)	0.4876	0.1789	1.6406	Relative Density	0.7426
n-Pentane (NC5)	0.4275	0.1555	1.4383		
Neopentane (neo)	0.0000		0.0000		
Hexanes Plus (C6+)	0.6070	0.2657	2.6378		
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	5.3370	100.0000		

Sample

Date: 10/25/2019 Type: Spot
Tech: MB
Pressure: 103.0 psi Temp.: 36 °F
Gauge: Gauge H2O: 0.00
Atm. Pressure: 13.2 psi H2S:

Remarks:

Analysis

Date: 10/28/2019 Instrument:
Cylinder:
Tech: JT

Remarks:

*** End of Report ***

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

Hole or Rip/Gouge?:	Hole
Length (in inches):	
Width (in inches):	
Diameter (in inches):	0.250
Pressure (psig):	10.0
Temperature (Deg F):	65.0

Specific Gravity:	0.750
Pipeline Diameter:	6.000
Equivalent Diameter:	0.250
Release Rate (MCF/Hour):	1.2

Gas Release (Mcf): 117.0

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 64690

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 64690
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<i>Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.</i>	
Incident Well	Not answered.
Incident Facility	[fAPP2123149329] ETC NGGS

Determination of Reporting Requirements	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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.
<i>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.</i>	
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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	76
Nitrogen (N2) percentage, if greater than one percent	5
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
<i>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</i>	
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	11/19/2021
Time venting and/or flaring was discovered or commenced	07:00 AM
Time venting and/or flaring was terminated	07:30 AM
Cumulative hours during this event	96

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 117 Mcf Recovered: 0 Mcf Lost: 117 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 line was clamped 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 industry occurrence.

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CONDITIONS

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	Action Number: 64690
	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.	12/2/2021