

Gas Composition and Properties

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



Source #: 59939

Name: 59939

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.0767		0.1614	Pressure Base	14.73
Nitrogen (N2)	1.5008		2.0097	Temperature Base	60
Methane (C1)	77.4134		59.3637	HCDP @ Sample Pressure	
Ethane (C2)	10.8033	0.0000	15.5283	Cricondentherm	
Propane (C3)	5.0763	0.0000	10.7002	HV, Dry @ Base P, T	1251.40
Isobutane (IC4)	0.5229	0.0000	1.4528	HV, Sat @ Base P, T	1229.70
n-Butane (NC4)	1.3789	0.0000	3.8311	HV, Sat @ Sample P, T	1229.70
Isopentane (IC5)	0.2811	0.0000	0.9695	Relative Density	0.7270
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	C10+: 75 - 25	
Totals	100.0000	0.0000	100.0000		

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 ***

Release Calcs

Inlet Pressure	60 psig
Outlet Pressure	0 psig
Pressure Base	14.73
Temperature Base	60
Atmospheric Pressure	13.2
Pipe Length	3500 feet
Pipe Inside Diameter	2 inches
Specific Gravity	0.7
Tb / Pb	35.27970129
P12 - P22	5184
Q	25167.11008
Q (MCF)	25.16711008 mcf/Hour
MCF/D	604.010642
Start Date	10/5/2021 3:30
End Date	10/7/2021 14:00
Duration	2.44
Total Volume	1,472.28 MCF

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 62750

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 62750
	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	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, 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 (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	10/05/2021
Time venting and/or flaring was discovered or commenced	03:30 PM
Time venting and/or flaring was terminated	11:59 PM
Cumulative hours during this event	46

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 1,472 Mcf Recovered: 0 Mcf Lost: 1,472 Mcf
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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	This is an updated C-129 to nAPP2129243640.
Steps taken to limit the duration and magnitude of venting and/or flaring	This is an updated C-129 to nAPP2129243640.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	This is an updated C-129 to nAPP2129243640.

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CONDITIONS

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	Action Number: 62750
	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.	11/19/2021