

Gas Composition and Properties

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



Source #: 64105

Name: F M BURLESON WN #3

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.4674		0.8154	Pressure Base	14.73
Nitrogen (N2)	1.0141		1.1262	Temperature Base	60
Methane (C1)	67.4198		42.8758	HCDP @ Sample Pressure	
Ethane (C2)	12.8327	3.4494	15.2964	Cricondentherm	
Propane (C3)	9.4195	2.6083	16.4655	HV, Dry @ Base P, T	1485.21
Isobutane (IC4)	1.5759	0.5183	3.6310	HV, Sat @ Base P, T	1459.37
n-Butane (NC4)	3.8484	1.2194	8.8670	HV, Sat @ Sample P, T	1447.67
Isopentane (IC5)	1.0634	0.3909	3.0414	Relative Density	0.8753
n-Pentane (NC5)	0.9588	0.3493	2.7423		
Hexanes Plus (C6+)	1.3860	0.6079	5.1201		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.0140		0.0189	C6+: 60 - 30 - 10	
Totals	100.0000	9.1420	100.0000		

Sample

Date: 03/04/2021

Type: Spot

Tech: Doug Harrison

Pressure:

13.4 psi

Temp.:

89 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.2 psi

H2S:

140 ppm

Remarks:

Analysis

Date: 03/09/2021

Instrument:

Cylinder:

Tech: MGN

Remarks:

*** End of Report ***

Purge Calculation

Purge Timeline: Duration (in min):

Purge Location:

Enter Numbers Only

Pipe Diam. (in inches):	<input type="text" value="16.0"/>	Was Gas Flared?	<input type="text" value="Yes"/>
Length (in feet):	<input type="text" value="22951.0"/>	Was Gas Metered?	<input type="text" value="No"/>
Pipeline Press. (psig):	<input type="text" value="10.0"/>		
Blowdown Size (valve):	<input type="text" value="4.0"/>	Purge Gas (Mcf):	<input type="text" value="52.2"/>

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 56752

QUESTIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 56752
	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	No
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	67
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	140
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	10/08/2021
Time venting and/or flaring was discovered or commenced	05:00 PM
Time venting and/or flaring was terminated	05:10 PM
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: Repair and Maintenance Pipeline (Any) Natural Gas Flared Released: 52 Mcf Recovered: 0 Mcf Lost: 52 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 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 line had to be shut-in in order to repair the line due to corrosion.
Steps taken to limit the duration and magnitude of venting and/or flaring	The line was shut-in as quickly and safely as possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Not applicable - the line had to be shut-in in order to conduct necessary repairs because of corrosion, which is a common occurrence in the industry.

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CONDITIONS

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	Action Number: 56752
	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