

☒ GA ID
☐ GA Alias

GA ID
 52352 Z

GA Description
 XTO LONGHORN

GA Source
 Daily Avg Chrom with Mole Analysis

Production Dates
☐ Current Period
☒ Previous Period

Beginning Date
 (mm/dd/yyyy)
 08/01/2021

Ending Date
 (mm/dd/yyyy)
 08/31/2021

☐ All
☒ Max

Copy GP/Mole Analysis

GPM Certificate Report

S	G	Prod Date Time	Entry Date Time	Gravity	Field Gravity	Calc Gravity	Btu Basis	Through C9	Btu	Calc Btu	CO2	N2	Analysis ID
	U	08/01/21 00:00:00	08/02/21 10:33:02	0.7859	0.0000	0.7859	DRY	<input checked="" type="checkbox"/>	1346.8	1346.8	0.1256	1.5207	5235201
	U	08/02/21 00:00:00	08/03/21 10:33:02	0.7842	0.0000	0.7842	DRY	<input type="checkbox"/>	1344.0	1344.0	0.1294	1.5281	5235201

GPA Version GPA 2145-16

Components

	Mole %	GPM
Carbon Dioxide	0.1256	0.0000
Nitrogen	1.5207	0.0000
Methane	72.0124	0.0000
Ethane	14.0569	3.7743
Propane	7.5200	2.0800
Iso Butane	0.9405	0.3090
Butane	2.3215	0.7348
Iso Pentane	0.4758	0.1747
Neo Pentane	0.0000	0.0000
Pentane	0.5355	0.1949
Hexane	0.4911	0.2201
Heptane	0.0000	0.0000
Octane	0.0000	0.0000
Nonane	0.0000	0.0000
Decane	0.0000	0.0000
H2S	0.0000	0.0000
	100.0000	7.4878

Other Components

	Mole %	GPM
Hydrogen	0.0000	0.0000
Oxygen	0.0000	0.0000
Helium	0.0000	0.0000
Argon	0.0000	0.0000
CO	0.0000	0.0000

Results

SP Gravity (calc)	0.7862
Dry BTU @ 14.73	1346.8
Sat. BTU @ 14.73	1323.4
As Del BTU @ 14.73	1345.1
Hydrocarbon Dew Point	0.0000

Analysis

Analysis ID	5235201
Analysis Date	
Analyzed By	
Chrom Equip ID	N/A

Sample

Sample Type	Daily Chrom
Sample Date	08/01/2021 09:00
Sampled By	
Pressure	1184.83
Temperature	105.7
Through C9	<input type="checkbox"/>
H2S Tested	<input type="checkbox"/>

Prod Date 08/01/2021

Gravity 0.7859

Calc. Gravity 0.7859

Field Gravity 0.0000

BTU @ Press Base

Pressure Base 14.73

BTU @ 14.73 1346.8

Calc. BTU 1346.8

Btu Basis DRY

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Footage of Pipe blowdown	25,872
Initial line pressure	1000
Diameter of Pipe (inches)	16
Volume of Gas Blown Down	2889.13728 MSCF

Calculations:

Volume of Gas Blown Down (MSCF) = Volume at pipeline conditions (ft³)*(Gauge Pressure (psig)+Atmospheric Pressure 13.7 psi)*Standard Temperature (60F)
/(1000 scf/mscf)*Standard Pressure (14.7psi)*Temperature(F)*Z Factor

Volume at pipeline conditions (scf) = Diameter/12 (ft)*Diameter/12 (ft)*PI/4*Length of pipe (ft)

Released to Imaging: 9/2/2021 1:34:31 PM
**Reference: Gas Pipeline Hydraulics, Menon (2005) Pages 132-134. Assuming the Ideal Gas Law and T_{pipeline} = T_{atm}.

District I

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 46114

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 46114
	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	[fAPP2122928745] Enterprise Carlsbad GS

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	No
Is this considered a submission for a notification of a major venting and/or flaring	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	Pipeline (Any)
Additional details for Equipment Involved. Please specify	The gas portion of this release constitutes venting that occurred during an emergency or malfunction, as authorized by NMOCD regulations at NMAC 19.15.28.8.A and B(1). This release therefore is not prohibited by NMAC 19.15.29.8.A.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	72
Nitrogen (N2) percentage, if greater than one percent	2
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.

Date(s) and Time(s)

Date venting and/or flaring was discovered or commenced	09/01/2021
Time venting and/or flaring was discovered or commenced	03:00 PM
Time venting and/or flaring was terminated	08:30 PM
Cumulative hours during this event	6

Measured or Estimated Volume of Vented or Flared Natural Gas

Natural Gas Vented (Mcf) Details	Not answered.
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Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance Pipeline (Any) Natural Gas Flared Released: 2,889 Mcf Recovered: 0 Mcf Lost: 2,889 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	No
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	There was a malfunctioning pig trap valve that was leaking, making it impossible to maintain the line. This REQUIRED blowing down the line to make it safe to repair the valve.
Steps taken to limit the duration and magnitude of venting and/or flaring	The closest block valves were used to minimize the amount of gas flared.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	The leaking valve was replaced

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CONDITIONS

Action 46114

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Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 46114
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
rhunaway	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.	9/2/2021