



Analysis

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Last Modified 8/31/2021 10:04:49 AM by

Meter ID: 118110013 Lease Name: **Brininstool Suction**
Effective Date: 05/01/2021 Producer:
Line Pressure: 374 Line Flow Rate: 0
Line Temperature: 118 Analysis Type:
Analysis Use: Accounting Analysis Pressure Base: 14.65
Analysis Date: 04/28/2021 Analyzed By:
Sampled By: Sample Taken Date: 04/28/2021
Sample Type: SPOT Cylinder Number:

Composition

	Mol %	GPM
Nitrogen:	2.1651	
Carbon Dioxide:	4.2928	
Oxygen:	0	
Water:	0	
Hydrogen Sulfide:	0.0201	
Helium:	0	
Methane:	71.8464	
Ethane:	11.3918	3.041
Propane:	6.1518	1.692
Isobutane:	0.8009	0.262
Normal Butane:	1.9348	0.609
Isopentane:	0.4559	0.166
Normal Pentane:	0.4648	0.168
Hexanes:	0.4756	0.212
Heptanes:	0	0
Octanes:	0	0
Total:	100	6.15

[Hide all composition fields](#)

Sample Condition

Condition	Real BTU/SCF	Ideal BTU/SCF	Relative Density	Compressibility (Z)
Water Saturated:	1212.56	0	0.7926	0
Dry:	1234.157	0	0	0
As Delivered:	0	0	0	0
Water Content (lb/mmcsfd): 0				
26# GPM: 0.799				

[Hide all sample condition fields](#)

Comments:

Facility : <u>Montera Tie in</u>		Date : <u>6.29.21</u>		
Enter data in shaded fields to calculate gas volumes released due to leak and blowdown of system.				
Hours of leak =	4	Is this a pipeline purge event? <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>Yes</td></tr> <tr><td> </td></tr> </table>	Yes	
Yes				
Diameter of hole (inches) =	2	Example:		
Upstream Pressure =	17	Blowdown for 4 hours out of a 2 inch valve with line pressure of 17 psig		
Volume of gas (mcf/hr) loss is equal to the hole diameter squared times the upstream pressure absolute. *				
Volume of Gas Leaked =	500.80 Mcf	Purge Volume:		
Footage of Pipe blowdown =	16896			
Initial line pressure =	17	Calculated factor for line pack = 2.532		
Diameter of Pipe (inches) =	20			
Volume of Gas BlownDown =	42.7744 Mcf	Example:		
Loss of gas due to blowdown of 3.2 miles of 20 inch at initial pressure 17 psig				
Total Volume of Gas Loss =	543.57 Mcf			
Comments:				
Name :	Title :			
* Pipeline Rules of Thumb Handbook /2nd Edition				

District I

1625 N. French Dr., Hobbs, NM 88240
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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 35441

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 35441
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

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 or flaring caused by an emergency or malfunction	No
Did or will this venting 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 or flaring	Yes, major venting or flaring of natural gas.
The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19.13.29.7 NMAC.	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting 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

Unregistered Facility Site	
<i>Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (##) yet.</i>	
Facility or Site Name	Montera Tie in
Facility Type	Pipeline - Gas Gathering - (PGG)

Equipment Involved	
Primary Equipment Involved	Pipeline (Any)
Additional details for Equipment Involved. Please specify	Construction tie in for the Montera well. 20" line blown down to flare through a 2" valve. No venting occurred.

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	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	4
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 or flaring was discovered or commenced	06/29/2021
Time venting or flaring was discovered or commenced	10:30 AM
Is the venting or flaring event complete	Yes
Date venting or flaring was terminated	06/29/2021
Time venting or flaring was terminated	02:30 PM
Total duration of venting or flaring in hours, if venting or flaring has terminated	4
Longest duration of cumulative hours within any 24-hour period during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Other (Specify) Natural Gas Flared Spilled: 543 Mcf Recovered: 0 Mcf Lost: 543 Mcf]
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Volume of gas flared is equal to the hole diameter squared times the upstream pressure absolute and miles of pipe size blown down to flare times initial pressure.
Is this a gas only submission (i.e. only 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 or flaring a result of downstream activity	No
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting 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.	False
Please explain reason for why this event was beyond your operator's control	Not answered.
Steps taken to limit the duration and magnitude of venting or flaring	Loss of gas was controlled through a portable flare
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	This event was the result of a pipeline tie in for new well, controlled by a portable flare stack.

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CONDITIONS

Action 35441

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	Action Number: 35441
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/7/2021