

GAS VOLUME STATEMENT

Targa Pipeline Company

March 2023

Meter #: 1181329
 Name: Black and Tan 27 Fed Com
 Closed Data

Pressure Base: 14.650 psia	Meter Status: Active	CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base: 60.00 °F	Contract Hr.: Midnight	0.137	3.739	72.045	12.593	6.790	0.734	2.134	0.478
Atmos Pressure: 12.890 psi	Full Wellstream:	NC5	neo	C6	C7	C8	C9	C10	
Calc Method: AGA3-1992	WV Technique:	0.554		0.797					
Z Method: AGA-8 Detail (1992)	WV Method:								
Tube I.D.: 6.0650 in	HV Cond: Wet	Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Tap Location: Upstream	Meter Type: EFM							0.000	0.000
Tap Type: Flange	Interval: 1 Hour								

Day	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)
1	16.06	46.55	58.71	23.64	0.7838	3.0000	1,284.67	1276.54	1,639.93
2	16.23	46.67	51.62	23.86	0.7838	3.0000	1,316.08	1276.54	1,680.03
3	16.71	46.50	53.42	23.86	0.7838	3.0000	1,327.11	1276.54	1,694.10
4	22.11	47.10	58.61	22.60	0.7838	3.0000	1,311.97	1276.54	1,674.78
5	15.93	46.57	62.29	24.00	0.7838	3.0000	1,323.07	1276.54	1,688.95
6	18.79	46.90	66.22	23.30	0.7838	3.0000	1,304.41	1276.54	1,665.13
7	18.01	47.58	66.86	23.80	0.7838	3.0000	1,350.18	1276.54	1,723.55
8	17.91	46.93	57.67	23.55	0.7838	3.0000	1,348.47	1276.54	1,721.37
9	21.52	46.59	59.77	22.36	0.7838	3.0000	1,349.97	1276.54	1,723.29
10	48.71	48.87	57.03	18.92	0.7838	3.0000	1,334.66	1276.54	1,703.74
11	17.04	48.41	67.67	23.70	0.7838	3.0000	1,327.71	1276.54	1,694.87
12	31.32	46.61	62.89	21.06	0.7838	3.0000	1,236.07	1276.54	1,577.89
13	13.78	45.47	56.29	23.68	0.7838	3.0000	1,175.78	1276.54	1,500.93
14	14.18	45.09	57.02	23.57	0.7838	3.0000	1,187.52	1276.54	1,515.92
15	13.84	46.16	62.27	23.64	0.7838	3.0000	1,200.14	1276.54	1,532.03
16	15.82	45.58	56.12	23.85	0.7838	3.0000	1,285.60	1276.54	1,641.11
17	15.62	44.29	49.61	23.98	0.7838	3.0000	1,303.22	1276.54	1,663.61
18	16.10	45.06	50.39	23.93	0.7838	3.0000	1,307.90	1276.54	1,669.58
19	15.94	44.19	50.30	23.92	0.7838	3.0000	1,299.19	1276.54	1,658.46
20	16.60	44.81	54.47	23.89	0.7838	3.0000	1,314.10	1276.54	1,677.49
21	17.20	45.41	60.54	23.84	0.7838	3.0000	1,336.87	1276.54	1,706.56
22	17.50	45.29	65.54	24.00	0.7838	3.0000	1,365.00	1276.54	1,742.47
23	17.77	44.42	65.06	23.91	0.7838	3.0000	1,344.94	1276.54	1,716.86
24	40.33	45.26	56.82	20.39	0.7838	3.0000	1,348.40	1276.54	1,721.28
25	47.26	45.84	59.43	19.34	0.7838	3.0000	1,385.79	1276.54	1,769.01
26	16.30	45.97	59.26	23.97	0.7838	3.0000	1,316.18	1276.54	1,680.15
27	17.99	44.86	61.53	23.77	0.7838	3.0000	1,323.70	1276.54	1,689.75
28	16.81	45.00	53.32	23.94	0.7838	3.0000	1,321.03	1276.54	1,686.34
29	16.53	44.89	62.69	23.96	0.7838	3.0000	1,336.15	1276.54	1,705.65
30	18.22	45.55	64.74	23.81	0.7838	3.0000	1,348.54	1276.54	1,721.47
31	17.12	45.87	61.65	23.74	0.7838	3.0000	1,327.58	1276.54	1,694.71
Total	20.28	45.95	59.06	719.76	0.7838		40,641.98		51,880.99

Volume at 14.730 = 40,421.25 Energy = 51,880.99

BLACK & TAN 27 FED COM FLARE MTR 20012008	Sap Id: 135298	Disp Type: Flare	State: New Mexico				County: Lea	Latitude: 32.5373 0662	Longitude: -103.5420729	
QUAIL RIDGE MORROW	TARGA MIDSTREAM SERVICES LLC	08/27/2023	21:08:02	940.350	355.96	584.39	Emergency	60	System upset - 3rd party	Targa Compressor Station/Gas plant down causing HLP wells being shut in to reduce flaring

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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

DEFINITIONS

Action 258368

DEFINITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 258368
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- this application's operator, hereinafter "this operator";
- venting and/or flaring, hereinafter "vent or flare";
- any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";
- the statements in (and/or attached to) this, hereinafter "the statements in this";
- and the past tense will be used in lieu of mixed past/present tense questions and statements.

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QUESTIONS

Action 258368

QUESTIONS

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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 Operator	[873] APACHE CORPORATION
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Unavailable.
Incident Facility	[fAPP2217227944] Black & Tan 27 Fed Com Flare Meter
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

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 this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, major 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 at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare 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 vent or flare within an incorporated municipal boundary or within 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	72
Nitrogen (N2) percentage, if greater than one percent	4
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.

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QUESTIONS, Page 2

Action 258368

QUESTIONS (continued)

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	Action Number: 258368
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/27/2023
Time vent or flare was discovered or commenced	02:00 AM
Time vent or flare was terminated	11:00 PM
Cumulative hours during this event	21

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Producing Well Natural Gas Flared Released: 940 Mcf Recovered: 0 Mcf Lost: 940 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 this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control	True
Please explain reason for why this event was beyond this operator's control	Targa compressor station/gas plant down causing HLP wells being shut in order to reduce flaring
Steps taken to limit the duration and magnitude of vent or flare	flare only due to high line pressure
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	only flare for safety reasons

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
<input checked="" type="checkbox"/>	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
<input checked="" type="checkbox"/>	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 258368

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CONDITIONS

Created By	Condition	Condition Date
sflores	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	8/28/2023