

GAS VOLUME STATEMENT

August 2024

Meter #: 5270016
Name: Iron Duke/Maple Leaf Flare
Closed Data
Artesia-South

Pressure Base:	14.730 psia	Meter Status:	Active	CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base:	60.00 °F	Contract Hr.:	Midnight	0.000	0.000	100.000	0.000	0.000	0.000	0.000	0.000
Atmos Pressure:	12.900 psi	Full Wellstream:		NC5	neo	C6	C7	C8	C9	C10	
Calc Method:	AGA3-1992	WV Technique:		0.000		0.000	0.000	0.000	0.000	0.000	
Z Method:	AGA-8 Detail (1992)	WV Method:		Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Tube I.D.:	2.0670 in	HV Cond:	EFM	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Tap Location:	Upstream	Meter Type:	1 Hour								
Tap Type:	Flange	Interval:									

Day	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
1	48.78	54.52	96.49	24.00	0.6000	0.7500	176.14	1000.00	176.14	Yes
2	49.19	54.58	96.85	24.00	0.6000	0.7500	176.76	1000.00	176.76	Yes
3	50.39	54.62	96.85	24.00	0.6000	0.7500	178.54	1000.00	178.54	Yes
4	51.03	54.60	93.34	24.00	0.6000	0.7500	180.37	1000.00	180.37	Yes
5	53.77	54.73	92.73	24.00	0.6000	0.7500	185.27	1000.00	185.27	Yes
6	52.66	54.71	94.09	24.00	0.6000	0.7500	183.30	1000.00	183.30	Yes
7	53.48	54.76	95.99	24.00	0.6000	0.7500	184.15	1000.00	184.15	Yes
8	56.54	54.88	96.87	24.00	0.6000	0.7500	189.70	1000.00	189.70	Yes
9	56.56	54.91	94.47	24.00	0.6000	0.7500	190.20	1000.00	190.20	Yes
10	58.00	54.97	92.84	24.00	0.6000	0.7500	193.07	1000.00	193.07	Yes
11	58.99	55.02	96.45	24.00	0.6000	0.7500	194.17	1000.00	194.17	Yes
12	64.59	55.27	97.77	24.00	0.6000	0.7500	203.05	1000.00	203.05	Yes
13	63.88	55.20	94.76	24.00	0.6000	0.7500	202.57	1000.00	202.57	Yes
14	63.19	55.17	91.51	24.00	0.6000	0.7500	202.07	1000.00	202.07	Yes
15	63.89	55.22	96.29	24.00	0.6000	0.7500	202.68	1000.00	202.68	Yes
16	65.18	55.34	96.51	23.88	0.6000	0.7500	203.85	1000.00	203.85	Yes
17	51.76	54.74	95.55	24.00	0.6000	0.7500	180.58	1000.00	180.58	Yes
18	50.69	54.69	94.46	24.00	0.6000	0.7500	179.76	1000.00	179.76	Yes
19	49.61	54.62	87.14	14.31	0.6000	0.7500	104.76	1000.00	104.76	Yes
20	60.19	55.46	106.42	12.94	0.6000	0.7500	104.54	1000.00	104.54	Yes
21	51.74	61.06	97.71	19.35	0.6000	0.7500	151.41	1000.00	151.41	Yes
22	16.73	66.15	94.95	1.11	0.6000	0.7500	4.98	1000.00	4.98	Yes
23	7.02	65.83	115.46	0.31	0.6000	0.7500	0.87	1000.00	0.87	Yes
24	0.00	51.13	93.60	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
25	43.64	67.88	99.57	4.96	0.6000	0.7500	33.34	1000.00	33.34	Yes
26	0.00	51.01	85.80	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
27	0.00	46.81	82.22	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
28	0.00	43.02	86.23	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
29	0.00	45.89	84.26	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
30	0.00	54.51	78.53	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
31	0.00	56.19	76.65	0.00	0.6000	0.7500	0.00	1000.00	0.00	Yes
Total	56.09	55.28	95.44	484.86	0.6000		3,806.13		3,806.13	

IRON DUKE 2H FAC		
Flare Meter		Volume MCF
	Date	
	6/5/2024	3.90
	6/6/2024	6.10
	6/7/2024	12.30
	6/8/2024	10.80
	6/11/2024	3.70
	6/12/2024	0.60
	6/13/2024	4.30
	6/14/2024	22.90
	6/15/2024	29.90
	6/17/2024	68.30
	6/18/2024	134.60
	6/19/2024	40.80
	6/23/2024	0.50
	6/24/2024	1.10
	6/25/2024	0.70
	6/28/2024	6.20
	6/29/2024	24.70
	6/30/2024	24.40
	7/1/2024	25.20
	7/2/2024	28.20
	7/3/2024	4.10
	7/4/2024	111.40
	7/5/2024	13.30
	7/6/2024	42.90
	7/7/2024	69.70
	7/8/2024	1.70
	7/9/2024	2.20
	7/10/2024	0.50
	7/11/2024	19.30
	7/12/2024	7.80
	7/13/2024	2.20
	7/14/2024	0.80
	7/15/2024	5.30
	7/16/2024	4.00
	7/17/2024	63.70
	7/18/2024	102.50
	7/19/2024	79.60
	7/20/2024	146.90
	7/21/2024	147.80
	7/22/2024	60.70
	7/23/2024	77.00
	7/24/2024	120.60
	7/25/2024	155.60
	7/26/2024	167.20

7/27/2024	169.30
7/28/2024	171.60
7/29/2024	172.50
7/30/2024	171.80
7/31/2024	175.90
8/1/2024	176.10
8/2/2024	176.80
8/3/2024	178.50
8/4/2024	100.40
8/5/2024	185.30
8/6/2024	103.30
8/7/2024	104.10
8/8/2024	189.70
8/9/2024	190.20
8/10/2024	30.10
8/11/2024	194.20
8/12/2024	203.00
8/13/2024	202.60
8/14/2024	202.60
8/15/2024	202.70
8/16/2024	203.90
8/17/2024	203.70
8/18/2024	179.80
8/19/2024	104.80
8/20/2024	104.50
8/21/2024	151.40
8/22/2024	5.00
8/23/2024	0.90
9/2/2024	1.60
9/3/2024	34.30
9/4/2024	103.40
9/5/2024	165.10
9/6/2024	32.60
9/7/2024	17.00
9/8/2024	56.40
9/9/2024	157.70
9/10/2024	165.00
9/11/2024	38.40
9/12/2024	19.40
9/13/2024	7.20
9/18/2024	0.50
9/25/2024	0.50
9/26/2024	1.60

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State of New Mexico
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DEFINITIONS

Action 399178

DEFINITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 399178
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 399178

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 399178
	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	[30-015-39761] IRON DUKE #002H
Incident Facility	Unavailable.

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 this vent or flare caused by an emergency or malfunction	No
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a vent or flare event	Yes, minor 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 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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Flare

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	100
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (02) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 399178

QUESTIONS (continued)

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	Action Number: 399178
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	08/18/2024
Time vent or flare was discovered or commenced	05:00 AM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	2

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 Other (Specify) Natural Gas Flared Released: 180 Mcf Recovered: 0 Mcf Lost: 180 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	[36785] DCP OPERATING COMPANY, LP
Date notified of downstream activity requiring this vent or flare	Not answered.
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	High sales line pressure prevented gas going to pipeline. For safety, gas was flared.
Steps taken to limit the duration and magnitude of vent or flare	Gas is routed to flare only when pressure in sales line prevents going to pipeline.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Gas will only be flared when high sales line pressure prevents going to pipeline.

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ACKNOWLEDGMENTS

Action 399178

ACKNOWLEDGMENTS

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	Action Number: 399178
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this 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.
☒	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.
☒	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 399178

CONDITIONS

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	Action Number: 399178
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
mlee	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.	11/4/2024