

# GAS VOLUME STATEMENT

August 2024

Meter #: 5270012  
 Name: Malachite 22 Fed Bat Fla  
 Closed Data  
 Luck / 529

<b>Pressure Base:</b>	14.730 psia	<b>Meter Status:</b>	Active	<b>CO2</b>	<b>N2</b>	<b>C1</b>	<b>C2</b>	<b>C3</b>	<b>IC4</b>	<b>NC4</b>	<b>IC5</b>
<b>Temperature Base:</b>	60.00 °F	<b>Contract Hr.:</b>	7 AM	1.863	3.509	71.290	12.221	6.599	0.766	1.942	0.482
<b>Atmos Pressure:</b>	12.850 psi	<b>Full Wellstream:</b>		<b>NC5</b>	<b>neo</b>	<b>C6</b>	<b>C7</b>	<b>C8</b>	<b>C9</b>	<b>C10</b>	
<b>Calc Method:</b>	AGA3-2013	<b>WV Technique:</b>		0.480		0.828	0.000	0.000	0.000	0.000	
<b>Z Method:</b>	AGA-8 Detail (1992)	<b>WV Method:</b>		<b>Ar</b>	<b>CO</b>	<b>H2</b>	<b>O2</b>	<b>He</b>	<b>H2O</b>	<b>H2S</b>	<b>H2S ppm</b>
<b>Tube I.D.:</b>	2.0670 in	<b>HV Cond:</b>	EFM	0.000	0.000	0.000	0.000	0.000	0.000	0.020	
<b>Tap Location:</b>	Upstream	<b>Meter Type:</b>	1 Hour								
<b>Tap Type:</b>	Flange	<b>Interval:</b>									

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	0.00	54.57	93.35	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
2	0.00	52.92	91.01	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
3	0.00	55.97	83.23	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
4	0.00	59.91	80.53	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
5	0.00	56.14	85.64	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
6	0.00	59.52	87.35	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
7	0.00	60.80	88.32	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
8	9.11	80.35	77.91	2.58	0.7926	1.0000	15.22	1280.00	19.48	No
9	0.00	70.54	87.17	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
10	0.00	68.91	88.92	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
11	0.00	69.78	91.77	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
12	0.00	69.91	91.22	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
13	25.98	73.82	96.69	23.11	0.7926	1.0000	227.46	1280.00	291.15	No
14	20.28	73.23	95.81	24.00	0.7926	1.0000	208.54	1280.00	266.94	No
15	11.34	72.38	100.13	24.00	0.7926	1.0000	133.19	1280.00	170.49	No
16	10.52	72.18	99.87	24.00	0.7926	1.0000	121.96	1280.00	156.11	No
17	14.42	72.26	102.78	17.83	0.7926	1.0000	101.06	1280.00	129.35	No
18	47.80	73.42	97.08	23.24	0.7926	1.0000	290.77	1280.00	372.19	No
19	25.29	72.75	94.52	24.00	0.7926	1.0000	233.93	1280.00	299.43	No
20	25.48	72.77	94.72	24.00	0.7926	1.0000	236.31	1280.00	302.48	No
21	26.69	72.71	97.11	24.00	0.7926	1.0000	241.53	1280.00	309.16	No
22	26.47	72.65	95.68	24.00	0.7926	1.0000	240.52	1280.00	307.86	No
23	26.99	72.66	97.01	24.00	0.7926	1.0000	242.52	1280.00	310.43	No
24	27.20	72.66	95.73	24.00	0.7926	1.0000	243.90	1280.00	312.19	No
25	27.17	72.66	92.46	24.00	0.7926	1.0000	244.08	1280.00	312.42	No
26	27.87	72.67	89.59	24.00	0.7926	1.0000	248.56	1280.00	318.16	No
27	27.88	72.66	87.76	24.00	0.7926	1.0000	248.33	1280.00	317.86	No
28	28.06	72.58	91.82	24.00	0.7926	1.0000	247.31	1280.00	316.55	No
29	26.05	72.52	72.72	0.95	0.7926	1.0000	9.65	1280.00	12.36	No
30	0.00	47.27	73.07	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
31	0.00	53.18	73.67	0.00	0.7926	1.0000	0.00	1280.00	0.00	No
<b>Total</b>	<b>26.60</b>	<b>72.84</b>	<b>94.82</b>	<b>379.71</b>	<b>0.7926</b>		<b>3,534.84</b>		<b>4,524.59</b>	

MALACHITE BAT		
Flare Meter		
	Date	Volume MCF
	3/18/2024	0.10
	5/4/2024	66.10
	5/6/2024	13.60
	5/7/2024	0.20
	5/8/2024	0.20
	5/10/2024	84.90
	5/22/2024	197.70
	5/23/2024	220.40
	5/24/2024	233.60
	5/25/2024	253.80
	5/26/2024	270.80
	5/27/2024	273.30
	5/28/2024	275.40
	5/29/2024	278.50
	5/30/2024	283.50
	5/31/2024	290.60
	6/1/2024	291.80
	6/2/2024	296.40
	6/3/2024	260.00
	6/4/2024	54.90
	6/9/2024	0.50
	6/13/2024	1.40
	6/14/2024	56.00
	6/15/2024	18.30
	6/16/2024	74.00
	6/17/2024	182.40
	6/18/2024	159.30
	6/19/2024	222.10
	6/20/2024	220.60
	6/21/2024	212.70
	6/22/2024	212.70
	6/23/2024	206.00
	6/24/2024	201.90
	6/25/2024	204.90
	6/26/2024	204.60
	6/27/2024	204.40
	6/28/2024	205.30
	6/29/2024	202.90
	6/30/2024	187.90
	7/1/2024	49.60
	7/15/2024	202.00
	7/16/2024	119.50
	7/17/2024	119.50
	7/18/2024	208.60

7/19/2024	198.40
7/20/2024	197.30
7/21/2024	200.00
7/22/2024	199.50
7/23/2024	205.30
7/24/2024	205.40
7/25/2024	200.60
7/26/2024	200.80
7/27/2024	197.90
7/28/2024	72.20
7/29/2024	72.20
8/13/2024	198.00
8/14/2024	208.00
8/15/2024	133.20
8/16/2024	133.00
8/17/2024	122.00
8/18/2024	290.80
8/19/2024	233.90
8/20/2024	236.30
8/21/2024	241.50
8/22/2024	240.50
8/23/2024	242.50
8/24/2024	243.90
8/25/2024	244.10
8/26/2024	244.20
8/27/2024	248.60
8/28/2024	243.70
8/29/2024	247.30
9/1/2024	58.80
9/2/2024	62.30
9/10/2024	98.70
9/11/2024	115.70
9/12/2024	115.70
9/13/2024	212.80
9/14/2024	239.20
9/15/2024	239.20
9/16/2024	222.70
9/17/2024	214.70
9/18/2024	212.30
9/19/2024	208.80
9/20/2024	202.50
9/21/2024	203.60
9/22/2024	203.60
9/23/2024	202.50
9/24/2024	202.50
9/25/2024	201.40
9/26/2024	96.40

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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 398318

**DEFINITIONS**

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 398318
	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 398318

**QUESTIONS**

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 398318
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<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	Unavailable.
Incident Facility	[fAPP2215734550] MALACHITE BAT

<b>Determination of Reporting Requirements</b>	
<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	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.
<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

<b>Equipment Involved</b>	
Primary Equipment Involved	Other (Specify)
Additional details for Equipment Involved. Please specify	Flare

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	95
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	2
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 398318

**QUESTIONS (continued)**

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 398318
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/17/2024
Time vent or flare was discovered or commenced	12:00 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: Other   Pipeline (Any)   Natural Gas Flared   Released: 182 Mcf   Recovered: 0 Mcf   Lost: 182 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	Yes
Downstream OGRID that should have notified this operator	[221115] FRONTIER FIELD SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	06/16/2024
Time notified of downstream activity requiring this vent or flare	12:00 AM

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	Sales line had lack of capacity to accept gas during rolling curtailments. For safety, gas was flared.
Steps taken to limit the duration and magnitude of vent or flare	Gas is routed to flare only when sales line does not have the capacity to accept it.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Gas will only be flared when sales line cannot accept due to lack of capacity.



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ACKNOWLEDGMENTS

Action 398318

**ACKNOWLEDGMENTS**

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220 Action Number: 398318 Action Type: [C-129] Venting and/or Flaring (C-129)
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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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 <b>complete</b> C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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 398318

**CONDITIONS**

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 398318
	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.	11/2/2024