

# Gas Composition and Properties

Effective February 1, 2025 00:00 - January 18, 2038 21:14

Source #: T244273578

Name: ALPHA CTB SALES

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	2.2480		3.9365	Pressure Base	14.65
Nitrogen (N2)	1.6235		1.8096	Temperature Base	60
Methane (C1)	66.5274		42.4665	HCDP @ Sample Pressure	
Ethane (C2)	15.2272	4.0704	18.2184	Cricondentherm	
Propane (C3)	5.7006	1.5698	10.0020	HV, Dry @ Base P, T	1406.59
Isobutane (IC4)	0.9899	0.3238	2.2893	HV, Sat @ Base P, T	1382.60
n-Butane (NC4)	2.9829	0.9399	6.8985	HV, Sat @ Sample P, T	1406.59
Isopentane (IC5)	0.8674	0.3171	2.4901	Relative Density	0.8719
n-Pentane (NC5)	0.8533	0.3092	2.4496		
n-Hexane (C6)	1.0506	0.4318	3.6024		
n-Heptane (C7)	0.7450	0.3436	2.9703		
n-Octane (C8)	0.2551	0.1306	1.1595		
Nonanes Plus (C9+)	0.1194	0.0672	0.6093		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.8097		1.0980	C9+: 100	
Totals	100.0000	8.5040	100.0000		

## Sample

Date: 01/14/2025

Type: Spot

Tech: JG

Pressure:

133.0 psi

Temp.:

73 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.1 psi

H2S:

8,097 ppm

Remarks: ALPHA CTB SALES

## Analysis

Date: 01/14/2025

Instrument:

Cylinder: 553

Tech: OR

Remarks:

\*\*\* End of Report \*\*\*



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Navigators:

Company

Search

Connections

Diagram

Route

Map

44060

Merrick ID

Name

44060

ALPHA CTB Flare Meter

44060

ALPHA CTB Flare Meter

mtd

ytd

1m

3m

6m

1y

3y

5y

max

Record Date	Gas Flowed	Hours Flowed	Meter Flare Reason	Static Pressure Psia	Differential Pressure	Meter Comments
5/21/2025	124.00	0	CURTAILMENT - GAS PL	121	0	northwind psi
5/20/2025	38.00	0	CURTAILMENT - GAS PL	136	0	northwind psi
5/19/2025	0.00	0		119	0	
5/18/2025	177.00	0	CURTAILMENT - GAS PL	120	0	northwind psi
5/17/2025	305.00	0	CURTAILMENT - GAS PL	118	0	northwind psi
5/16/2025	237.00	0	CURTAILMENT - GAS PL	117	0	northwind psi

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
5/17/2025	177	0

Details:

[331501] NORTHWIND MIDSTREAM PARTNERS LLC, Curtailment - Gas Purchaser/HLP, MIDSTREAM & MARKETING EVALUATE

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 466902

DEFINITIONS

Operator:  Franklin Mountain Energy 3, LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID:  331595
	Action Number:  466902
	Action Type:  [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 466902

**QUESTIONS**

Operator: Franklin Mountain Energy 3, LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 331595
	Action Number: 466902
	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	[fAPP2511336425] Alpha State Com 301H CTB

<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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<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	67
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	8,097
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 466902

**QUESTIONS (continued)**

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	Action Number: 466902
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/17/2025
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	12:00 AM
Cumulative hours during this event	0

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   Separator   Natural Gas Flared   Released: 177 Mcf   Recovered: 0 Mcf   Lost: 177 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	[331501] Northwind Midstream Partners LLC
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	Northwind psi issues
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZE EVENT DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM & MARKETING EVALUATE



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ACKNOWLEDGMENTS

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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 466902

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CONDITIONS

Created By	Condition	Condition Date
jressling	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.	5/23/2025