

Gas Composition and Properties

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

Source #: T233233426

Name: Mirror Fed Com 302H

Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	2.0408		4.1112	Pressure Base	14.65
Nitrogen (N2)	1.9541		2.5057	Temperature Base	60
Methane (C1)	76.0387		55.8372	HCDP @ Sample Pressure	
Ethane (C2)	10.1661	2.7132	13.9923	Cricondentherm	
Propane (C3)	5.0821	1.3972	10.2578	HV, Dry @ Base P, T	1226.77
Isobutane (IC4)	0.6975	0.2278	1.8557	HV, Sat @ Base P, T	1205.30
n-Butane (NC4)	1.5475	0.4869	4.1171	HV, Sat @ Sample P, T	1223.01
Isopentane (IC5)	0.4514	0.1647	1.4908	Relative Density	0.7567
n-Pentane (NC5)	0.3976	0.1438	1.3131		
n-Hexane (C6)	0.4703	0.1930	1.8551		
n-Heptane (C7)	0.1604	0.0739	0.7357		
n-Octane (C8)	0.0598	0.0306	0.3127		
Nonanes Plus (C9+)	0.0369	0.0207	0.2166		
Argon (Ar)					
Carbon Monoxide (CO)					
Hydrogen (H2)					
Oxygen (O2)					
Helium (He)					
Water (H2O)					
Hydrogen Sulfide (H2S)	0.8968		1.3990	C9+: 100	
Totals	100.0000	5.4530	100.0000		

Sample

Date: 02/14/2025

Type: Spot

Tech: WES

Pressure:

142.0 psi

Temp.:

78 °F

Gauge:

Gauge

H2O:

Atm. Pressure:

13.1 psi

H2S:

8,968 ppm

Remarks: MIRROR FED COM 302H

Analysis

Date: 02/14/2025

Instrument:

Cylinder: 1950

Tech: OR

Remarks:

*** End of Report ***



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Navigators:

Company

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Connections

Diagram

Route

Map

46141

Merrick ID

Name

46141

MIRROR CTB LP FLARE

46141

MIRROR CTB LP FLARE

Record Date	Gas Flowed	Hours Flowed	Meter Flare Reason	Static Pressure Psia	Differential Pressure	Meter Comments
8/8/2025	0.00	0		15	0	
8/7/2025	56.00	19:15		15	0	
8/6/2025	30.00	21:09		126	0	
8/5/2025	30.00	21:09		126	0	
8/4/2025	30.00	21:09		126	0	
8/3/2025	30.00	21:09		126	0	
8/2/2025	30.00	21:09		126	0	
8/1/2025	30.00	21:09		126	0	
7/31/2025	30.00	21:09		126	0	
7/30/2025	62.00	20:20		15	0	
7/29/2025	62.00	20:20		15	0	
7/28/2025	62.00	20:20	FACILITY ISSUES	15	0	vru issues
7/27/2025	62.00	20:20	FACILITY ISSUES	15	0	vru issues
7/26/2025	55.00	20:29	FACILITY ISSUES	15	0	vru issues
7/25/2025	55.00	20:29	FACILITY ISSUES	15	0	vru issues
7/24/2025	52.00	19:55	FACILITY ISSUES	15	0	vru issues
7/23/2025	54.00	19:03	FACILITY ISSUES	15	0	vru issues
7/22/2025	97.00	18:15	GAS QUALITY ISSUE - NON-H2S	15	0	high o2 levels
7/21/2025	38.00	14:07	FACILITY ISSUES	15	0	vru issues

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
7/24/2025	55	20.48

Details:

[241602] ENTERPRISE FIELD SERVICES, LLC, Facility Issues, FOLLOW UP ON VRU REPAIRS

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 493791

DEFINITIONS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 493791
	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 493791

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 Well	Unavailable.
Incident Facility	[fAPP2402350173] Mirror CTB

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	No
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, 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 withing 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	76
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	8,968
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 493791

QUESTIONS (continued)

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	Action Number: 493791
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/24/2025
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	20

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Separator Natural Gas Flared Released: 55 Mcf Recovered: 0 Mcf Lost: 55 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	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
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	VRU 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	FOLLOW UP ON VRU REPAIRS

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ACKNOWLEDGMENTS

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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

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CONDITIONS

Created By	Condition	Condition Date
acox	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.	8/8/2025