

Atchafalaya Measurement, Inc.

416 East Main Street Artesia, NM 88210

575-746-3481

Inficon Micro GC Fusion F08904 R03RR2

	Sample Information
Sample Name	Cimarex__Triste Draw 25-1 Check__GC1-11320-02
Station Number	NCP1471125
Lease Name	Triste Draw 25-1 Check
Analysis For	Cimarex Energy
Producer	Cimarex Energy
Field Name	Triste
County/State	Lea,NM
Frequency/Spot Sample	Monthly
Sampling Method	Fill Empty
Sample Deg F	96
Atmos Deg F	60
Flow Rate	2704.5652
Line PSIG	576
Date/Time Sampled	1-9-20
Cylinder Number	N/A
Cylinder Clean Date	N/A
Sampled By	Michael Mirabal
Analysis By	Pat Silvas
Verified/Calibration Date	1-13-20
Report Date	2020-01-13 08:28:14

Component Results

Component Name	Ret. Time	Peak Area	Norm%	PPMV	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	23.120	11711.5	2.13496	21349.600	0.000
H2S	46.760	14.2	0.00056	5.600	0.000
Methane	23.900	312505.0	72.18111	721811.100	0.000
Carbon Dioxide	27.960	58953.8	8.86945	88694.500	0.000
Ethane	37.600	66388.5	9.22803	92280.300	2.476
Propane	78.880	41561.6	4.41380	44138.000	1.220
i-butane	28.940	35422.6	0.57407	5740.700	0.188
n-Butane	30.540	87975.2	1.38085	13808.500	0.437
i-pentane	35.580	27814.3	0.38489	3848.900	0.141
n-Pentane	37.680	28627.0	0.37575	3757.500	0.137
Hexanes Plus	120.000	34841.0	0.45653	4565.300	0.199
Total:			100.00000	1000000.000	4.798

Results Summary

Result	Dry	Sat. (Base)
Total Raw Mole% (Dry)	98.60370	
Pressure Base (psia)	14.730	
Temperature Base	60.00	
Gross Heating Value (BTU / Ideal cu.ft.)	1123.6	1104.0
Gross Heating Value (BTU / Real cu.ft.)	1127.7	1108.5
Relative Density (G), Ideal	0.7911	0.7882
Relative Density (G), Real	0.7936	0.7910
Compressibility (Z) Factor	0.9964	0.9960

9319 TRISTE DRAW 25 FEDERAL CDP FLARE								
Date ▼	Gas Flowed	Hours Flowed	Static Pressure	Differential Pressure	Line Pressure	Orifice Plate Diameter	Pipe Diameter	Pressure Base
4/7/2022	174.00	0	15	25	2	1.875	3.068	14.73
4/6/2022	139.00	0	13	0	0	1.875	3.068	14.73
4/5/2022	0.00	0	13	0	0	1.875	3.068	14.73
4/4/2022	0.00	0	13	0	0	1.875	3.068	14.73
4/3/2022	0.00	0	13	0	0	1.875	3.068	14.73
4/2/2022	0.00	0	13	0	0	1.875	3.068	14.73
4/1/2022	0.00	0	13	0	0	1.875	3.068	14.73
3/31/2022	357.00	0	13	0	0	1.875	3.068	14.73

13 non continuous hours intermittent flaring for three days 3/31-4/6-4/7

CTRA compression downtime led to flaring due to HP sales

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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 98884

DEFINITIONS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 98884
	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 98884

QUESTIONS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 98884
	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	Not answered.
Incident Facility	[fAPP2132651560] Triste Draw 25 Fed 1,2,7

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	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.

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	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	6
Carbon Dioxide (CO2) percentage, if greater than one percent	9
Oxygen (O2) 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 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 98884

QUESTIONS (continued)

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	Action Number: 98884
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/31/2022
Time vent or flare was discovered or commenced	07:15 AM
Time vent or flare was terminated	12:00 PM
Cumulative hours during this event	13

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: 670 Mcf Recovered: 0 Mcf Lost: 670 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	13 non continuous hours intermittent flaring for three days 3/31-4/6-4/7 CTRA compression downtime led to flaring due to HP sales. HP sales line require efficient usage of compressors, at the moment only a high pressure sales like is available to take gas to market.
Steps taken to limit the duration and magnitude of vent or flare	Compressors have been fixed and are running smoothly. as noted HP sales line require efficient usage of compressors, at the moment only a high pressure sales like is available to take gas to market.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Compressors are back and running.

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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
jacosta01	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.	4/15/2022