

Atchafalaya Measurement, Inc.
416 East Main Street
Artesia, NM 88210

5/18/2017 3:39 PM
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GAS ANALYSIS REPORT

Analysis For: CIMAREX ENERGY
Field Name: HOBBS
Well Name: TRISTE DRAW "36" STATE #1H WH ALLOC
Station Number: NCW1471060
Purpose: ANNUAL
Sample Deg. F: 98.0
Volume/Day: 258.0 MCF/DAY
Formation:
Line PSIG: 72.0
Line PSIA: 85.2

Run No: 2170518-35
Date Run: 05/18/2017
Date Sampled: 05/12/2017
Producer: CIMAREX ENERGY
County: LEA
State: NM
Sampled By: TOMMY F
Atmos Deg. F: 75

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	9.0360	
Nitrogen	N2:	1.9168	
Hydrogen Sulfide	H2S:	0.0005	
Methane	C1:	72.2580	
Ethane	C2:	8.9240	2.3860
Propane	C3:	4.3667	1.2027
Iso-Butane	IC4:	0.5541	0.1813
Nor-Butane	NC4:	1.3002	0.4098
Iso-Pentane	IC5:	0.4106	0.1501
Nor-Pentanes	NC5:	0.4196	0.1520
Hexanes Plus	C6+:	0.8135	0.3537
Totals		100.0000	4.8356

Pressure Base: 14.730
Real BTU Dry: 1139.866
Real BTU Wet: 1120.077

Calc. Ideal Gravity: 0.7993
Calc. Real Gravity: 0.8020
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1133.016
Ideal BTU Wet: 1113.301
Z Factor: 0.9963
Average Mol Weight: 23.1495
Average CuFt/Gal: 55.7213
26 lb. Product: 1.0147
Ethane+ GPM: 4.8356
Propane+ GPM: 2.4496
Butane+ GPM: 1.2469
Pentane+ GPM: 0.6558

Remarks:
H2S IN GAS STREAM ON LOCATION: 0.0005% = 5 PPM

Analysis By: James Hernandez



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Navigators:

Company

Search

Connections

Diagram

Route

Map

22524

Merrick ID

Name

22524

TRISTE DRAW 36 STATE FLARE

Daily

Monthly

Daily

Record Date	Static Pressure	Differential Pressure	Gas Temp	Gas Flowed	Hours Flowed	Meter Flare Reason
11/10/2023	81	0	46	0.00	0	
11/9/2023	71	0	71	0.00	0	
11/8/2023	67	1	81	28.00	03:04	GAS QUALITY ISSUE - NON-H2S
11/7/2023	91	1	62	52.00	05:48	GAS QUALITY ISSUE - NON-H2S

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
11/06/2023	52	5.8

Details:

[159160] VERSADO GAS PROCESSORS, LLC, GAS QUALITY ISSUES, MIDSTREAM AND MARKETING TO EVALUATE

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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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 285338

DEFINITIONS

Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 285338
	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 285338

QUESTIONS

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

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	[fAPP2127744776] TRISTE DRAW 36 STATE

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	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

Equipment Involved	
Primary Equipment Involved	Separator
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	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	9
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 285338

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/06/2023
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	6

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Separator Natural Gas Flared Released: 52 Mcf Recovered: 0 Mcf Lost: 52 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	GAS QUALITY ISSUES- HIGH H2S
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZED FLARE EVENT
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM AND MARKETING TO EVALUATE

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ACKNOWLEDGMENTS

Action 285338

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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
adolby01	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.	11/14/2023