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575.397.3713 2609 W MARLAND HOBBS, NEW MEXICO 88240

EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name: Scoter 6 Fed Com 2H-5H CDP Meter
Sample Date: 07/21/2022
Sampled By: DJ
Time Sampled: 12:35
Sample Temp: 103.0 F
Sample Press: 84.0

For: 1740G
Identification: 2022056248
Company: Coterra
Analysis Date: 07/26/2022
Analysis By: BH
Data File: LS_7213.D

H2S (PPM) = 1.0

Component	Mole%	GPM REAL	GPM IDEAL	*HEXANES PLUS SUMMARY	
H2S	0.000			AVG MOLE WT	92.955
Nitrogen	1.206			API GRAVITY @ 60F	64.8
Methane	77.243			SPECIFIC GRAVITY	
CO2	0.276			AIR = 1 (IDEAL):	3.194
Ethane	11.720	3.134	3.126	H2O = 1 (IDEAL):	0.721
Propane	5.265	1.450	1.447	COMPONENT RATIOS	
Isobutane	0.696	0.228	0.227	HEXANES (C6) MOLE%	38.602
N-Butane	1.666	0.525	0.524	HEPTANES (C7) MOLE%	36.223
Isopentane	0.420	0.154	0.153	OCTANES (C8) MOLE%	17.884
N-Pentane	0.472	0.171	0.171	NONANES+ (C9) MOLE%	7.291
Hexanes	0.408	0.165	0.422	HEXANES (C6) WT%	35.455
Heptanes	0.375	0.142	0.142	HEPTANES (C7) WT%	34.985
Octanes	0.184	0.083	0.081	OCTANES (C8) WT%	19.686
Nonanes+	0.069	0.035	0.034	NONANES+ (C9) WT%	9.874
Total	100.000	6.087	6.070		

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 21.676
VAPOR PRESS PSIA: 3967.4
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.7507
AIR = 1 (IDEAL): 0.7481
H2O = 1 (IDEAL): 0.355

REPORTED BASIS: 14.73
Unnormalized Total: 99.395

HEATING VALUE

BTU/CUFT (DRY) 1292.7
BTU/CUFT (WET) 1270.7

BTEX SUMMARY

WT% BENZENE 4.867
WT% TOLUENE 3.775
WT% E BENZENE 0.332
WT% XYLENES 1.660

LAB MANAGER

Agilent 7890
Cal Date 7-12-22

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Intermediate flaring:

Navigators:

Company

Search

Connections

Diagram

Route

Map

24475

Merrick ID

Name

24475

SCOTER 6 FEDERAL CDP FLARE

Daily

Monthly

Daily

Record Date	Static Pressure	Differential Pressure	Gas Temp	Gas Flowed	Hours Flowed
10/29/2023	118	0	69	0.00	0
10/28/2023	84	0	69	77.00	

Event Date	Volume Flowed (mcf)	Duration (hrs)
10/27/2023	77	0.0

Details:

[226737] HUNTER GAS GATHERING, FACILITY ISSUES, MIDSTREAM AND MARKETING TO EVALUATE

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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 282821

DEFINITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683
	Action Number: 282821
	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 282821

QUESTIONS

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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	Unavailable.
Incident Facility	[fAPP2201743145] SCOTER 6 FED COM 2,3,4,5H

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	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.
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 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	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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 282821

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/27/2023
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	24

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: 77 Mcf Recovered: 0 Mcf Lost: 77 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	FACILITY ISSUES
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZED FLARE DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM AND MARKETING TO EVALUATE

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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
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.	11/7/2023