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575.397.3713 2609 W MARLAND HOBBS, NEW MEXICO 88240

EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name: Sandy Unit 20H Alloc
Sample Date: 02/21/2024
Sampled By: NK
Time Sampled: 11:13
Sample Temp: 81.8 F
Sample Press: 132.5

H₂S (PPM) = 0.0

For: 6886G
Cyl. Ident.: 2024085865
Company: Coterra Energy
Analysis Date: 02/29/2024
Analysis By: BH
Data File: LS2_0406.D

Component	Mole%	GPM REAL	GPM IDEAL
H ₂ S	0.000		
Nitrogen	1.976		
Methane	74.979		
CO ₂	0.178		
Ethane	13.219	3.534	3.526
Propane	6.238	1.718	1.714
Isobutane	0.692	0.226	0.226
N-Butane	1.560	0.492	0.491
Isopentane	0.341	0.125	0.124
N-Pentane	0.335	0.121	0.121
Hexanes+	0.482	0.189	0.187
Total	100.000	6.405	6.389

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 21.617
VAPOR PRESS PSIA: 3867.9
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.7488
AIR = 1 (IDEAL): 0.7463
H₂O = 1 (IDEAL): 0.354

REPORTED BASIS: 14.73
Unnormalized Total: 99.637

HEATING VALUE

BTU/CUFT (DRY) 1279.8
BTU/CUFT (WET) 1258.0

BTEX SUMMARY

WT% BENZENE 7.415
WT% TOLUENE 3.612
WT% E BENZENE 0.245
WT% XYLENES 1.224

LAB MANAGER

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Sample Name: Sandy Unit 20H Alloc
Company: Coterra Energy

Data File: LS2_0406.D***ANALYSIS OF HEXANES PLUS**

Component	MOLE%	WT%
2,2 DIMETHYL BUTANE	0.002	0.009
CYCLOPENTANE	0.027	0.097
2-METHYLPENTANE	0.061	0.244
3-METHYLPENTANE	0.032	0.129
HEXANE (C6)	0.072	0.278
DIMETHYLPENTANES	0.001	0.004
METHYLCYCLOPENTANE	0.042	0.164
2,2,3 TRIMETHYLBUTANE	0.000	0.000
BENZENE	0.036	0.130
CYCLOHEXANE	0.069	0.268
2-METHYLHEXANE	0.000	0.000
3-METHYLHEXANE	0.012	0.055
DIMETHYLCYCLOPENTANES	0.008	0.036
HEPTANE (C7)	0.015	0.070
METHYLCYCLOHEXANE	0.040	0.185
2,5 DIMETHYLHEXANE	0.000	0.002
TOLUENE	0.017	0.074
2-METHYLHEPTANE	0.000	0.000
OTHER OCTANES	0.010	0.048
OCTANE (C8)	0.004	0.022
ETHYLCYCLOHEXANE	0.003	0.014
ETHYL BENZENE	0.001	0.006
M,P-XYLENE	0.004	0.020
O-XYLENE	0.001	0.006
OTHER NONANES	0.009	0.050
NONANE (C-9)	0.002	0.014
IC3 BENZENE	0.000	0.001
CYCLOOCTANE	0.001	0.003
NC3 BENZENE	0.000	0.001
TM BENZENE(S)	0.000	0.000
IC4 BENZENE	0.001	0.004
NC4 BENZENE	0.000	0.000
DECANES + (C10+)	0.004	0.034

***HEXANES PLUS SUMMARY**

AVG MOLE WT	90.107
VAPOR PRESS PSIA	9.860
API GRAVITY @ 60F	63.4
SPECIFIC GRAVITY	
AIR = 1 (IDEAL):	2.975
H2O = 1 (IDEAL):	0.726

COMPONENT RATIOS

HEXANES (C6) MOLE%	39.927
HEPTANES (C7) MOLE%	39.632
OCTANES (C8) MOLE%	14.875
NONANES (C9) MOLE%	4.122
DECANES+ (C10+) MOLE%	1.444
HEXANES (C6) WT%	37.688
HEPTANES (C7) WT%	38.278
OCTANES (C8) WT%	16.513
NONANES (C9) WT%	5.362
DECANES+ (C10+) WT%	2.159

Remarks:

* Hexane+ portion calculated by Allocation Process



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Release Quantity Calculation / Reporting Requirement

SELECT FACILITY →	DisplayName FORTY NINER & SANDY			Updated per Facility Selection	
Facility:	FORTY NINER & SANDY	H2S per Permit (ppm):	0		
Date/Time Discovered:	12/15/24 7:30 AM	Time Discovered:	7:30:00 AM		
Date/Time Started:	12/15/24 5:00 AM	Time Event Started:	5:00:00 AM		
Date/Time Ended:	12/15/24 9:00 AM	Time Event Ended:	9:00:00 AM		
Event Duration (hrs):	4.000	Permit Type:	NM-GCP-OG		
Event Duration (days):	1.000	Accumulated Malfunctions VOC (TPY):	0.16		
Ambient Temperature (F):					
Cause (if known):	Showed up heard gas venting from (6221)Cimarex's Serial # 20163 it was at 200 psi on a three phase 250 separator. The other well's had shut saw the alarm was at 1041 pm. Went to well head found that the sandy 20H did not shut in with the rest. I shut in the well with in an hour so 8:30 am stopped venting at 100PSI pop off controller is getting fixed at 9:00 am				
No. of Events:					
Notes:	Coming to change a piece of pipe out				
Corrective Action:	Shut in well fixed pop off PRV well mark 2600G				

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
12/15/2024	117	4.0

Details:

[36785] DCP OPERATING COMPANY, LP – FACILITY ISSUES, Midstream & Marketing to 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 414265

DEFINITIONS

Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 414265
	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">• 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 414265

QUESTIONS

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	Action Number: 414265
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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	[fAPP2127738844] FORTY NINER RIDGE 23 FED 1H

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 withing 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Tank (Any)
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	75
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	0
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 Sufide (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 414265

QUESTIONS (continued)

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	Action Number: 414265
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/15/2024
Time vent or flare was discovered or commenced	04:00 AM
Time vent or flare was terminated	09:00 AM
Cumulative hours during this event	4

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Equipment Failure Tank (Any) Natural Gas Vented Released: 117 Mcf Recovered: 0 Mcf Lost: 117 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	Equipment Failure
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZED VENTING EVENT DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM AND MARKETING TO EVALUATE

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ACKNOWLEDGMENTS

Action 414265

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	Action Number: 414265
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 complete 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 414265

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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.	12/20/2024