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575.397.3713 2609 W MARLAND HOBBS, NEW MEXICO 88240

EXTENDED GAS REPORT SUMMARY OF CHROMATOGRAPHIC ANALYSIS

Sample Name:	Laguna Deep Unit 21H Meter	For:	7049G
Sample Date:	07/21/2022	Identification:	2022056251
Sampled By:	DJ	Company:	Coterra
Time Sampled:	10:55	Analysis Date:	07/27/2022
Sample Temp:	93.0 F	Analysis By:	BH
Sample Press:	39.0	Data File:	LS_7215.D

H2S (PPM) = 5.0

Component	Mole%	GPM REAL	GPM IDEAL	*HEXANES PLUS SUMMARY	
H2S	0.001			AVG MOLE WT	96.944
Nitrogen	3.047			API GRAVITY @ 60F	59.2
Methane	67.106			SPECIFIC GRAVITY	
CO2	4.580			AIR = 1 (IDEAL):	3.333
Ethane	11.215	2.999	2.992	H2O = 1 (IDEAL):	0.742
Propane	6.493	1.788	1.784	COMPONENT RATIOS	
Isobutane	0.845	0.276	0.276	HEXANES (C6) MOLE%	27.129
N-Butane	2.479	0.781	0.780	HEPTANES (C7) MOLE%	31.433
Isopentane	0.758	0.277	0.277	OCTANES (C8) MOLE%	23.872
N-Pentane	0.852	0.309	0.308	NONANES+ (C9) MOLE%	17.566
Hexanes	0.717	0.289	1.092		
Heptanes	0.825	0.316	0.315	HEXANES (C6) WT%	23.804
Octanes	0.623	0.265	0.264	HEPTANES (C7) WT%	29.322
Nonanes+	0.459	0.226	0.224	OCTANES (C8) WT%	25.022
Total	100.000	7.526	7.509	NONANES+ (C9) WT%	21.852

CALCULATED PARAMETERS

TOTAL ANALYSIS SUMMARY

MOLE WT: 25.508
VAPOR PRESS PSIA: 3459.5
SPECIFIC GRAVITY
AIR = 1 (REAL): 0.8842
AIR = 1 (IDEAL): 0.8802
H2O = 1 (IDEAL): 0.404

REPORTED BASIS: 14.73
Unnormalized Total: 97.235

HEATING VALUE

BTU/CUFT (DRY) 1358.3
BTU/CUFT (WET) 1335.3

BTEX SUMMARY

WT% BENZENE 7.020
WT% TOLUENE 8.778
WT% E BENZENE 2.423
WT% XYLENES 4.303

LAB MANAGER

Agilent 7890
Cal Date 7-12-22

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23602

23602 LAGUNA DEEP UNIT 21H FLARE
Gas Digital Meter

3717 MEL BIA 1H-1003X FL123602
Compressor

Record Date	Gas Flowed	Hours Flowed	Meter Flare Reason	Static Pressure Psia	Differential Pressure	Meter Comment
10/6/2025	13.00	07:30	STABILIZER/PLAN...	57	4	DCP line...
10/5/2025	60.00	23:47		57	9	DCP line...
10/4/2025	16.00	08:43	STABILIZER/PLAN...	57	4	DCP line...
10/3/2025	0.00	00:00		30	0	

Intermediate flaring:

Event Date	Volume Flowed (mcf)	Duration (hrs)
10/4/2025	60	24.00

Details:

[36785] DCP OPERATING COMPANY, LP, Curtailment - Gas Purchaser/HLP, MIDSTREAM & MARKETING 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 517784

DEFINITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 517784
	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 517784

QUESTIONS

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	Action Number: 517784
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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	[fAPP2202543713] LAGUNA DEEP UNIT 21H

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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	Yes

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	67
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	10
Carbon Dioxide (CO2) percentage, if greater than one percent	5
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 517784

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/04/2025
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	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Separator Natural Gas Flared Released: 60 Mcf Recovered: 0 Mcf Lost: 60 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[36785] DCP OPERATING COMPANY, LP
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	DCP LINE LEAK
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	MIDSTREAM & MARKETING 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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	Action Number: 517784
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
jressling	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.	10/19/2025