

Analysis Certificate Report  
Lucid Energy Group-PURCHASER

6/10/2021 3:44 PM

3100 McKinnon St #800  
Dallas, TX 75201

BROCK A BOWMAN

<b>Analysis ID:</b> 14459		<b>Alternate ID:</b>		<b>Use Contract Values:</b> No	
<b>Name</b>	Pliny the Elder CTB	<b>Company Name:</b> Lucid Energy Group			
<b>Effective Date:</b>	01/01/2019 08:00	<b>Saturated HV:</b>	997.9	<b>Sample Date:</b>	01/01/2019
<b>Valid Thru Date:</b>	12/31/2078 00:00	<b>As Del. HV:</b>	1006.4	<b>Sample ID:</b>	
<b>Fixed Edit Date:</b>	01/01/1900 00:00	<b>Dry HV:</b>	1014.3	<b>Sample Type:</b>	Spot
<b>Last Update:</b>	09/25/2020 18:40	<b>Measured HV:</b>	1014.3	<b>Sample Pressure Base:</b>	14.730
<b>Data Acquisition:</b>	File Transfer from Lab	<b>WOBBE:</b>	1361.0	<b>Sample Temperature:</b>	91.0
<b>Data Source:</b>	Lab Analysis	<b>Water Content:</b>		<b>Sample Pressure:</b>	89.0
<b>Real Relative Density:</b>	0.5554	<b>Status:</b>	Active	<b>Lab Code:</b>	

<u>Component</u>	<u>% Mol</u>	<u>GPM</u>	Dry Gravity
Methane	99.1600		Saturated Gravity
Ethane	0.0000	0.0000	
Propane	0.0000	0.0000	
I Butane	0.0000	0.0000	
N Butane	0.0000	0.0000	
I Pentane	0.0000	0.0000	
N Pentane	0.0000	0.0000	
Hexanes +	0.0000	0.0000	
Nitrogen	0.0000		
CO2	0.0000		
Oxygen	0.0000		
H2O	0.8400		
CO	0.0000		
H2S	0.0000		
Hydrogen	0.0000		
Helium	0.0000		
Argon	0.0000		
<b>Total</b>	100.0000	0.0000	

Sample Comments:

Configuration Comments:

FLARING SUMMARY

Battery	Date	Total Flare Vol (mcf)	Hrs Flared	Start		End	

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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 396001

DEFINITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 396001
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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: <ul style="list-style-type: none"><li>this application's operator, hereinafter "this operator";</li><li>venting and/or flaring, hereinafter "vent or flare";</li><li>any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 396001

QUESTIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 396001
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

<b>Prerequisites</b> 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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2126032341] PLINY THE ELDER CTB
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.	

<b>Determination of Reporting Requirements</b> 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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b> Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	99
Nitrogen (N2) percentage, if greater than one percent	0
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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Action 396001

QUESTIONS (continued)

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	Action Number: 396001
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	10/16/2024
Time vent or flare was discovered or commenced	12:01 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	15

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: High Line Pressure   Pipeline (Any)   Natural Gas Flared   Released: 1,461 Mcf   Recovered: 0 Mcf   Lost: 1,461 Mcf.
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	Yes
Downstream OGRID that should have notified this operator	[373554] Salt Creek Midstream, LLC
Date notified of downstream activity requiring this vent or flare	10/11/2024
Time notified of downstream activity requiring this vent or flare	12:51 PM

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	The location experienced flaring attributed to high line pressure from our midstream provider. Due to the inability for midstream to take gas, flaring was required.
Steps taken to limit the duration and magnitude of vent or flare	Standard PM. Worked with vendor to coordinate service time and minimize downtime.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Standard PM. No way to avoid periodic downtime for maintenance/repairs to address unforeseen issues.



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ACKNOWLEDGMENTS  
  
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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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

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	Action Number: 396001
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CONDITIONS

Created By	Condition	Condition Date
mlaruecdh	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	10/25/2024