

# 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> 14740		<b>Alternate ID:</b>		<b>Use Contract Values:</b> No	
<b>Name</b>	Contest CDP	<b>Company Name:</b> Lucid Energy Group			
<b>Effective Date:</b>	04/01/2021 08:00	<b>Saturated HV:</b>	1330.2	<b>Sample Date:</b>	04/23/2021
<b>Valid Thru Date:</b>	12/31/2078 00:00	<b>As Del. HV:</b>	1344.1	<b>Sample ID:</b>	6030-21040338-006A
<b>Fixed Edit Date:</b>	01/01/1900 00:00	<b>Dry HV:</b>	1352.2	<b>Sample Type:</b>	Spot
<b>Last Update:</b>	05/03/2021 07:27	<b>Measured HV:</b>	1352.2	<b>Sample Pressure Base:</b>	14.730
<b>Data Acquisition:</b>	File Transfer from Lab	<b>WOBBE:</b>	1525.3	<b>Sample Temperature:</b>	85.0
<b>Data Source:</b>	Lab Analysis	<b>Water Content:</b>	0.6	<b>Sample Pressure:</b>	97.5
<b>Real Relative Density:</b>	0.7859	<b>Status:</b>	Active	<b>Lab Code:</b>	

<u>Component</u>	<u>% Mol</u>	<u>GPM</u>	
Methane	72.6185		Dry Gravity
Ethane	13.0111	3.4942	Saturated Gravity
Propane	7.0983	1.9638	
I Butane	0.9194	0.3021	
N Butane	2.4677	0.7812	
I Pentane	0.5229	0.1920	
N Pentane	0.6053	0.2203	
Hexanes +	0.7192	0.3152	

Nitrogen	1.2754	
CO2	0.1222	
Oxygen	0.0000	
H2O	0.6400	
CO	0.0000	
H2S	0.0000	
Hydrogen	0.0000	
Helium	0.0000	
Argon	0.0000	
<b>Total</b>	<b>100.0000</b>	<b>7.2688</b>

**Sample Comments:**

**Configuration Comments:**

Flaring Summary

date » (Column Names)

Data table:  
flare\_report\_data (2)

Colors:

All values

	7/10/2022
battery	Sum(TOTAL F...
The Contest Fed Com Tank Battery	63.90
Grand total	63.90

battery

Sum(TOTAL FLARE (HP + LP))

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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 126886

**DEFINITIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 126886
	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 126886

**QUESTIONS**

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**QUESTIONS**

<b>Prerequisites</b>	
<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	Not answered.
Incident Facility	[fAPP2126033053] The Contest CTB

<b>Determination of Reporting Requirements</b>	
<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	Yes
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

<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>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	73
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
<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 126886

**QUESTIONS (continued)**

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	Action Number: 126886
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/10/2022
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	1

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   Gas Compressor Station   Natural Gas Flared   Released: 64 Mcf   Recovered: 0 Mcf   Lost: 64 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	[372422] LUCID ENERGY DELAWARE, LLC
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	Tap Rock saw a higher-than-normal flare volume due to high line pressure from our midstream provider. Wells were choked back but flaring increased as a safety precaution. Tap Rock is analyzing this location and the equipment on location to verify the facility can capture all excess gas. If flaring continues Tap Rock will alter the facility by placing additional gas takeaway equipment.
Steps taken to limit the duration and magnitude of vent or flare	Tap Rock saw a higher-than-normal flare volume due to high line pressure from our midstream provider. Wells were choked back but flaring increased as a safety precaution. Tap Rock is analyzing this location and the equipment on location to verify the facility can capture all excess gas. If flaring continues Tap Rock will alter the facility by placing additional gas takeaway equipment.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Tap Rock saw a higher-than-normal flare volume due to high line pressure from our midstream provider. Wells were choked back but flaring increased as a safety precaution. Tap Rock is analyzing this location and the equipment on location to verify the facility can capture all excess gas. If flaring continues Tap Rock will alter the facility by placing additional gas takeaway equipment.

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ACKNOWLEDGMENTS

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	Action Number: 126886
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**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 <b>complete</b> 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

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	Action Number: 126886
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**CONDITIONS**

Created By	Condition	Condition Date
bramsey	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.	7/19/2022