

**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> 14754	<b>Alternate ID:</b>	<b>Use Contract Values:</b> No
<b>Name</b> MAN HANDS SWEET CTB	<b>Company Name:</b> Lucid Energy Group	
<b>Effective Date:</b> 04/01/2021 08:00	<b>Saturated HV:</b> 1327.0	<b>Sample Date:</b> 04/08/2021
<b>Valid Thru Date:</b> 12/31/2078 00:00	<b>As Del. HV:</b> 1339.5	<b>Sample ID:</b> 6030-21040085-012A
<b>Fixed Edit Date:</b> 01/01/1900 00:00	<b>Dry HV:</b> 1349.0	<b>Sample Type:</b> Spot
<b>Last Update:</b> 04/13/2021 09:06	<b>Measured HV:</b> 1349.0	<b>Sample Pressure Base:</b> 14.730
<b>Data Acquisition:</b> File Transfer from Lab	<b>WOBBE:</b> 1508.5	<b>Sample Temperature:</b> 84.0
<b>Data Source:</b> Lab Analysis	<b>Water Content:</b> 0.8	<b>Sample Pressure:</b> 79.1
<b>Real Relative Density:</b> 0.7997	<b>Status:</b> Active	<b>Lab Code:</b>

<u>Component</u>	<u>% Mol</u>	<u>GPM</u>	
Methane	71.6295		Dry Gravity
Ethane	12.3518	3.3176	Saturated Gravity
Propane	7.3805	2.0421	
I Butane	0.9640	0.3168	
N Butane	2.4289	0.7690	
I Pentane	0.6064	0.2227	
N Pentane	0.5665	0.2062	
Hexanes +	0.8708	0.3816	

Nitrogen	1.4827
CO2	0.9689
Oxygen	0.0000
H2O	0.7500
CO	0.0000
H2S	0.0000
Hydrogen	0.0000
Helium	0.0000
Argon	0.0000

<b>Total</b>	100.0000	7.2560
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**Sample Comments:**

**Configuration Comments:**

Flaring Summary

date

Data table:  
flare\_report\_data (2)

Colors:

All values

battery	7/16/2021
Mulva Man Hands CTB B	153.90
Grand total	153.90

battery

Sum(TOTAL FLARE (HP + LP))

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 36852

**QUESTIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 36852
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<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 or is this venting or flaring caused by an emergency or malfunction	Yes
Did or will this venting or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a notification of a major venting or flaring	Yes, minor venting or flaring of natural gas.
<b>The operator shall file a form C-141 instead of a form C-129 for a release that includes liquid during venting or flaring that is or may be a major or minor release under 19-1-29, NMAC.</b>	
Was there or will there be at least 50 MCF of natural gas vented or flared during this event	Yes
Did this venting or flaring 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

<b>Unregistered Facility Site</b>	
<i>Please provide the facility details, if the venting or flaring occurred or is occurring at a facility that does not have an Facility ID (F#) yet.</i>	
Facility or Site Name	Man Hands - Mulva CTB B
Facility Type	Tank Battery - (TB)

<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	72
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	1
Oxygen (O2) percentage, if greater than one percent	0
<b>If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.</b>	
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.

<b>Date(s) and Time(s)</b>	
Date venting or flaring was discovered or commenced	07/15/2021
Time venting or flaring was discovered or commenced	06:00 AM
Is the venting or flaring event complete	No
Date venting or flaring was terminated	Not answered.
Time venting or flaring was terminated	Not answered.
Total duration of venting or flaring in hours, if venting or flaring has terminated	Not answered.
Longest duration of cumulative hours within any 24-hour period during this event	2

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Producing Well   Natural Gas Flared   Spilled: 154 Mcf   Recovered: 0 Mcf   Lost: 154 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 Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
Was or is this venting or flaring a result of downstream activity	Not answered.
Date notified of downstream activity requiring this venting or flaring	Not answered.
Time notified of downstream activity requiring this venting or flaring	Not answered.

<b>Steps and Actions to Prevent Waste</b>	
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For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Lucid Energy Group is still experiencing high line pressure and due to this the Cosmo location flared for a short period of time. The amount flared was considered a minor release.
Steps taken to limit the duration and magnitude of venting or flaring	Lucid Energy Group is still experiencing high line pressure and due to this the Cosmo location flared for a short period of time. The amount flared was considered a minor release. Once this issue is resolved flaring will drop back to under regulated volumes.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Lucid Energy Group is still experiencing high line pressure and due to this the Cosmo location flared for a short period of time. The amount flared was considered a minor release. Once this issue is resolved flaring will drop back to under regulated volumes.

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CONDITIONS  
 Action 36852

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Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 36852
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
system	If the information provided in this report requires an amendment, submit a [C-129] Request to Amend Venting and/or Flaring Incident, utilizing your incident number from this event.	7/19/2021