

Analysis Certificate Report

Lucid Energy Group-PURCHASER

6/10/2021 3:44 PM

3100 McKinnon St #800
Dallas, TX 75201

BROCK A BOWMAN

Analysis ID: 14754 **Alternate ID:** **Use Contract Values:** No

Name MAN HANDS SWEET CTB **Company Name:** Lucid Energy Group

Effective Date:	04/01/2021 08:00	Saturated HV:	1327.0	Sample Date:	04/08/2021
Valid Thru Date:	12/31/2078 00:00	As Del. HV:	1339.5	Sample ID:	6030-21040085-012A
Fixed Edit Date:	01/01/1900 00:00	Dry HV:	1349.0	Sample Type:	Spot
Last Update:	04/13/2021 09:06	Measured HV:	1349.0	Sample Pressure Base:	14.730
Data Acquisition:	File Transfer from Lab	WOBBE:	1508.5	Sample Temperature:	84.0
Data Source:	Lab Analysis	Water Content:	0.8	Sample Pressure:	79.1
Real Relative Density:	0.7997	Status:	Active	Lab Code:	

<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

Total	100.0000	7.2560
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Sample Comments:

Configuration Comments:

Flaring Summary

battery	9/13/2021
Mulva Man Hands CTB A	1,341.30
Grand total	1,341.30

date

Data table:
flare_report_data (2)

Colors:

All values

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 50281

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 50281
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	Not answered.
Incident Facility	[fAPP2126031998] Man Hands Mulva CTB A

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 or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a venting and/or flaring event	Yes, major 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/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
Was the venting and/or flaring 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	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	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
<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.

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	09/12/2021
Time venting and/or flaring was discovered or commenced	06:00 AM
Time venting and/or flaring was terminated	06:00 PM
Cumulative hours during this event	12

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.

Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance Gas Compressor Station Natural Gas Flared Released: 1,341 Mcf Recovered: 0 Mcf Lost: 1,341 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 or is this venting and/or flaring a result of downstream activity	No
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

Steps and Actions to Prevent Waste

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, our midstream provider, saw their compressor go down on the sour line. Due to this Tap Rock flare numbers spiked larger than regulated volumes. Once Lucid can solve their issue, Tap Rock should see normal operations. No timetable has been given to fix this issue.
Steps taken to limit the duration and magnitude of venting and/or flaring	N/A as this is a midstream problem
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	N/A as this is a midstream problem

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CONDITIONS

Action 50281

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	Action Number: 50281
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	9/20/2021