

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>	Dry Gravity	Saturated Gravity
Methane	71.6295			
Ethane	12.3518	3.3176		
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		

Sample Comments:

Configuration Comments:

Flaring Summary

date

Data table:
flare_report_data (2)

Colors:

All values

battery	7/19/2021
Mulva Man Hands CTB A	1,571.60
Grand total	1,571.60

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 37056

QUESTIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 37056
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

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 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	Yes
Is this considered a submission for a notification of a major venting or flaring	Yes, major venting or flaring of natural gas.
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 19-1-297 NMAC.	
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

Unregistered Facility Site	
<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 (##) yet.</i>	
Facility or Site Name	Man Hands - Mulva CTB A
Facility Type	Tank Battery - (TB)

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
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.

Date(s) and Time(s)	
Date venting or flaring was discovered or commenced	07/18/2021
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	10

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 Spilled: 1,572 Mcf Recovered: 0 Mcf Lost: 1,572 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.

Venting or Flaring Resulting from Downstream Activity	
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.

Steps and Actions to Prevent Waste	
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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 pipeline had high line pressure. Due to this the Mulva Man Hands location was forced to flare. Lucid has had this issue for the past couple of weeks and has not given a timeline of when corrections will be made. This location is also experiencing flowback from numerous wells. Once flowback concludes, and the midstream company is corrected, the flaring should decrease back to regulated numbers.
Steps taken to limit the duration and magnitude of venting or flaring	Lucid Energy Group pipeline had high line pressure. Due to this the Mulva Man Hands location was forced to flare. Lucid has had this issue for the past couple of weeks and has not given a timeline of when corrections will be made. This location is also experiencing flowback from numerous wells. Once flowback concludes, and the midstream company is corrected, the flaring should decrease back to regulated numbers.
Corrective actions taken to eliminate the cause and reoccurrence of venting or flaring	Lucid Energy Group pipeline had high line pressure. Due to this the Mulva Man Hands location was forced to flare. Lucid has had this issue for the past couple of weeks and has not given a timeline of when corrections will be made. This location is also experiencing flowback from numerous wells. Once flowback concludes, and the midstream company is corrected, the flaring should decrease back to regulated numbers.

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CONDITIONS

Action 37056

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	Action Number: 37056
	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.	7/20/2021