

Analysis Certificate Report

Lucid Energy Group-PURCHASER

3100 McKinnon St #800
Dallas, TX 75201

8/16/2021 5:01 AM

PGAS Admin

Analysis ID: 13499		Alternate ID:		Use Contract Values: No	
Name	MANCHESTER BQQ STATE COM #1	Company Name: Lucid Energy Group			
Effective Date:	09/01/2020 08:00	Saturated HV:	1071.7	Sample Date:	02/13/2019
Valid Thru Date:	12/31/2078 00:00	As Del. HV:	1088.0	Sample ID:	
Fixed Edit Date:	10/01/2020 08:00	Dry HV:	1089.5	Sample Type:	Spot
Last Update:	10/04/2020 15:36	Measured HV:	1089.5	Sample Pressure Base:	14.650
Data Acquisition:	File Transfer from Lab	WOBBE:	1377.7	Sample Temperature:	46.0
Data Source:	Lab Analysis	Water Content:	0.0	Sample Pressure:	113.0
Real Relative Density:	0.6254	Status:	Active	Lab Code:	

Component	% Mol	GPM	Dry Gravity
Methane	91.4810		Saturated Gravity
Ethane	4.3320	1.1549	
Propane	1.3400	0.3680	
I Butane	0.2790	0.0910	
N Butane	0.3150	0.0990	
I Pentane	0.1580	0.0576	
N Pentane	0.0950	0.0343	
Hexanes +	0.5140	0.2236	

Nitrogen	0.9740	
CO2	0.5120	
Oxygen	0.0000	
H2O	0.0000	
CO	0.0000	
H2S	0.0000	
Hydrogen	0.0000	
Helium	0.0000	
Argon	0.0000	
Total	100.0000	2.0284

Sample Comments:

Configuration Comments:

Return to original contract

HOURLY GAS VOLUME STATEMENT

EOG Resources, Inc.

January 4, 2022

Meter #: ART82109

Name: Manchester BQQ ST COM #1

Pressure Base:	14.730 psia	Meter Status:		CO2	N2	C1	C2	C3	IC4	NC4	IC5
Temperature Base:	60.00 °F	Contract Hr.:	Midnight	0.512	0.974	91.481	4.332	1.340	0.279	0.315	0.158
Atmos Pressure:	13.200 psi	Full Wellstream:		NC5	neo	C6	C7	C8	C9	C10	
Calc Method:	AGA3-1992	WV Technique:		0.095		0.514	0.000	0.000	0.000	0.000	
Z Method:	AGA-8 Detail (1992)	WV Method:		Ar	CO	H2	O2	He	H2O	H2S	H2S ppm
Tube I.D.:	3.0660 in	HV Cond:		0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Tap Location:	Upstream	Meter Type:	EFM								
Tap Type:	Flange	Interval:	1 Hour								

Hour	Differential (In. H2O)	Pressure (psia)	Temp. (°F)	Flow Time (hrs)	Relative Density	Plate (inches)	Volume (Mcf)	Heating Value (Btu/scf)	Energy (MMBtu)	Edited
0	0.00	12.79	30.14	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
1	0.00	12.80	35.33	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
2	0.00	12.82	41.62	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
3	0.00	12.81	42.06	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
4	0.00	12.78	40.59	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
5	0.00	12.79	42.99	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
6	0.00	12.80	44.61	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
7	0.00	12.81	45.15	0.00	0.6254	1.5000	0.00	1089.50	0.00	No
8	45.19	76.55	22.80	0.53	0.6254	1.5000	19.44	1089.50	21.18	No
9	55.97	79.67	7.59	1.00	0.6254	1.5000	42.06	1089.50	45.82	No
10	64.59	85.01	13.28	0.40	0.6254	1.5000	18.41	1089.50	20.06	No
Total	55.33	80.14	12.60	1.93	0.6254		79.90		87.06	

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

DEFINITIONS

Action 73128

DEFINITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 73128
	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 73128

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QUESTIONS**Prerequisites**

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 Well	[30-015-34929] MANCHESTER BQQ STATE COM #001
Incident Facility	Not answered.

Determination of Reporting Requirements

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	No
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.

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 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

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	91
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

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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QUESTIONS, Page 2

Action 73128

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	01/04/2022
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	2

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Gas Well Natural Gas Flared Released: 78 Mcf Recovered: 0 Mcf Lost: 78 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	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
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	This well is being plugged, if there's any residual gas it has to be flared in order to safely proceed with the P&A process
Steps taken to limit the duration and magnitude of vent or flare	Plugging well
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Plugging well

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

☒	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 complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	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.
☒	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.
☒	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.
☒	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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CONDITIONS

Created By	Condition	Condition Date
mmorales	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.	1/18/2022