

Analysis Certificate Report

Lucid Energy Group-PURCHASER

7/16/2021 5:04 AM

3100 McKinnon St #800
Dallas, TX 75201

PGAS Admin

Analysis ID: 51942 Alternate ID: Use Contract Values: No

Name PATTON FEE 5 #2H Company Name: Lucid Energy Group

Effective Date:	12/01/2020 08:00	Saturated HV:	1249.7	Sample Date:	12/08/2020
Valid Thru Date:	12/31/2078 00:00	As Del. HV:	1265.7	Sample ID:	6030-20120125-001A
Fixed Edit Date:	01/01/1900 00:00	Dry HV:	1270.4	Sample Type:	Spot
Last Update:	12/29/2020 11:52	Measured HV:	1270.4	Sample Pressure Base:	14.730
Data Acquisition:		WOBBE:	1415.4	Sample Temperature:	60.0
Data Source:	Lab Analysis	Water Content:	0.4	Sample Pressure:	68.0
Real Relative Density:	0.8056	Status:	Active	Lab Code:	

Component	% Mol	GPM	Dry Gravity	Saturated Gravity
Methane	67.8324			
Ethane	14.6337	3.9295		
Propane	6.6852	1.8492		
I Butane	0.7829	0.2572		
N Butane	1.7658	0.5590		
I Pentane	0.3681	0.1352		
N Pentane	0.3262	0.1187		
Hexanes +	0.4164	0.1824		

Nitrogen	1.3904
CO2	3.4167
Oxygen	0.0000
H2O	0.3900
CO	0.0000
H2S	1.9922
Hydrogen	0.0000
Helium	0.0000
Argon	0.0000

Total	100.0000	7.0312
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Sample Comments:

Configuration Comments:

Name of well or facility	Lat	Long	Daily Volume of Flared Natural Gas (MCF/D)	Commencement	Duration	Proposed Remedy
SHELBY 23 TANK BATTERY	32.636495	-104.449015	1357 MCF/D	2/1/2022	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	962 MCF/D	2/1/2022	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	881 MCF/D	2/1/2022	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2513 MCF/D	2/1/2022	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	994 MCF/D	2/1/2022	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	628 MCF/D	2/1/2022	Continuous	ACO Requested
HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY	32.610648	-104.472851	505 MCF/D	2/1/2022	Continuous	ACO Requested
LIVE OAK TANK BATTERY	32.63657	-104.46929	1250 MCF/D	2/1/2022	Continuous	Gas Rerouted
ROSE SOUTH TANK BATTERY	32.67021	-104.42768	2869 MCF/D	2/1/2022	Continuous	Gas Rerouted
NIRVANA TANK BATTERY	32.84504	-104.09012	1250 MCF/D	2/1/2022	Continuous	Pipeline Specs
BONE YARD 11 FEE TANK BATTERY	32.5957685	-104.4593576	121 MCF/D	2/1/2022	Continuous	Gas Rerouted
BRADLEY 8 FEE 2H TANK BATTERY	32.66864	-104.40662	295 MCF/D	2/1/2022	Continuous	Gas Rerouted
BRADLEY 8 FEE 3H TANK BATTERY	32.66848	-104.40279	156 MCF/D	2/1/2022	Continuous	Gas Rerouted
BRAGG 10 FEE 1H TANK BATTERY	32.6688	-104.37643	52 MCF/D	2/1/2022	Continuous	Gas Rerouted
CLYDESDALE 1 FEE 6H TANK BATTERY	32.686736	-104.4301336	175 MCF/D	2/1/2022	Continuous	Gas Rerouted
CLYDESDALE 1 FEE 1H TANK BATTERY	32.6961899	-104.430336	312 MCF/D	2/1/2022	Continuous	Gas Rerouted
FALABELLA 31 FEE 1H TANK BATTERY	32.6976433	-104.4286118	57 MCF/D	2/1/2021	Continuous	Gas Rerouted
LEE 3 FEE TANK BATTERY	32.68294	-104.37102	67 MCF/D	2/1/2022	Continuous	Gas Rerouted
PAINT 32 FEE TANK BATTERY	32.70285	-104.41207	450 MCF/D	2/1/2022	Continuous	Gas Rerouted
PATTON 5 FEE 2H TANK BATTERY	32.69414	-104.41225	106 MCF/D	2/1/2022	Continuous	Gas Rerouted
PATTON 5 FEE 8H TANK BATTERY	32.68356	-104.4117	68 MCF/D	2/1/2022	Continuous	Gas Rerouted
PINTO 36 STATE COM 1H TANK BATTERY	32.69751	-104.44541	198 MCF/D	2/1/2022	Continuous	Gas Rerouted
PINTO 36 STATE COM 4H TANK BATTERY	32.69744	-104.43249	198 MCF/D	2/1/2022	Continuous	Gas Rerouted
SHERMAN 4 FEE 6H TANK BATTERY	32.6829758	-104.3882675	109 MCF/D	2/1/2022	Continuous	Gas Rerouted
STONEWALL 9 FEE 1H TANK BATTERY	32.66901	-104.39391	121 MCF/D	2/1/2022	Continuous	Gas Rerouted

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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 79227

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 79227
	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 79227

QUESTIONS

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	Action Number: 79227
	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	[fAPP2134823786] Patton 5 Fee 2H Tank Battery

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 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	Yes
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 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	68
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	19,922
Carbon Dioxide (CO2) percentage, if greater than one percent	3
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 79227

QUESTIONS (continued)

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

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	02/01/2022
Time vent or flare was discovered or commenced	05:00 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance Other (Specify) Natural Gas Flared Released: 106 Mcf Recovered: 0 Mcf Lost: 106 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	Yes
Downstream OGRID that should have notified this operator	[221115] FRONTIER FIELD SERVICES, LLC
Date notified of downstream activity requiring this vent or flare	01/28/2022
Time notified of downstream activity requiring this vent or flare	12:00 PM

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	Durango requested we flare so they can perform tie-in operations.
Steps taken to limit the duration and magnitude of vent or flare	Rerouted gas to other midstream companies as capacity allowed.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Rerouted gas to other midstream companies as capacity allowed.

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ACKNOWLEDGMENTS

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	Action Number: 79227
	Action Type: [C-129] Venting and/or Flaring (C-129)

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

Created By	Condition	Condition Date
schapman01	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.	2/7/2022