

Analysis Certificate Report

Lucid Energy Group-PURCHASER

6/16/2021 5:05 AM

3100 McKinnon St #800
Dallas, TX 75201

PGAS Admin

Analysis ID: 55224 Alternate ID: Use Contract Values: No

Name Grave Digger CDP (FRMLY Bone Yard Btty) Company Name: Lucid Energy Group

Effective Date:	09/01/2020 08:00	Saturated HV:	1276.0	Sample Date:	02/20/2020
Valid Thru Date:	12/31/2078 00:00	As Del. HV:	1295.5	Sample ID:	
Fixed Edit Date:	09/01/2021 08:00	Dry HV:	1297.1	Sample Type:	Spot
Last Update:	10/01/2020 11:43	Measured HV:	1297.1	Sample Pressure Base:	14.730
Data Acquisition:	Manual Entry	WOBBE:	1397.3	Sample Temperature:	35.0
Data Source:	Lab Analysis	Water Content:	0.0	Sample Pressure:	79.0
Real Relative Density:	0.8617	Status:	Active	Lab Code:	

Component	% Mol	GPM	Dry Gravity	Saturated Gravity
Methane	58.6990			
Ethane	17.6950	4.7542		
Propane	7.9830	2.2095		
I Butane	0.9100	0.2992		
N Butane	1.6860	0.5340		
I Pentane	0.3510	0.1290		
N Pentane	0.2680	0.0976		
Hexanes +	0.4020	0.1762		

Nitrogen	1.4410
CO2	2.5650
Oxygen	0.0000
H2O	0.0000
CO	0.0000
H2S	8.0000
Hydrogen	0.0000
Helium	0.0000
Argon	0.0000

Total	100.0000	8.1997
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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	1394 MCF/D	12/16/2021	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	1530 MCF/D	12/16/2021	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	1130 MCF/D	12/16/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2727 MCF/D	12/16/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	1261 MCF/D	12/16/2021	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	579 MCF/D	12/16/2021	Continuous	ACO Requested
HUBER 10, 11, 12 FEDERAL OIL TANK BATTERY	32.610648	-104.472851	556 MCF/D	12/16/2021	Continuous	ACO Requested
LIVE OAK TANK BATTERY	32.63657	-104.46929	2027 MCF/D	12/16/2021	Continuous	ACO Requested
ROSE SOUTH TANK BATTERY	32.67021	-104.42768	1530 MCF/D	12/16/2021	Continuous	Pipeline Specs
MORRIS BOYD TANK BATTERY	32.6250267	-104.4488373	1588 MCF/D	12/16/2021	Continuous	Gas Rerouted
NIRVANA TANK BATTERY	32.84504	-104.09012	1130 MCF/D	12/16/2021	Continuous	Pipeline Specs
MARACAS 22 STATE TANK BATTERY	32.82126	-104.15683	145 MCF/D	12/16/2021	Continuous	Gas Rerouted
MAYARO 22 STATE TANK BATTERY	32.8178	-104.15639	541 MCF/D	12/16/2021	Continuous	Gas Rerouted
BONE YARD 11 FEE TANK BATTERY	32.5957685	-104.4593576	85 MCF/D	12/16/2021	Continuous	Gas Rerouted
BRADLEY 8 FEE 2H TANK BATTERY	32.66864	-104.40662	111 MCF/D	12/16/2021	Continuous	Gas Rerouted
BRADLEY 8 FEE 3H TANK BATTERY	32.66848	-104.40279	65 MCF/D	12/16/2021	Continuous	Gas Rerouted
BRAGG 10 FEE 1H TANK BATTERY	32.6688	-104.37643	53 MCF/D	12/16/2021	Continuous	Gas Rerouted
GRAVE DIGGER STATE COM 8H TANK BATTERY	32.59589	-104.45889	149 MCF/D	12/16/2021	Continuous	Gas Rerouted
PAINT 32 FEE TANK BATTERY	32.70285	-104.41207	325 MCF/D	12/16/2021	Continuous	Gas Rerouted
PATTON 5 FEE 2H TANK BATTERY	32.69414	-104.41225	88 MCF/D	12/16/2021	Continuous	Gas Rerouted
PATTON 5 FEE 8H TANK BATTERY	32.68356	-104.4117	114 MCF/D	12/16/2021	Continuous	Gas Rerouted
PINTO 36 STATE COM 1H TANK BATTERY	32.69751	-104.44541	132 MCF/D	12/16/2021	Continuous	Gas Rerouted
PINTO 36 STATE COM 4H TANK BATTERY	32.69744	-104.43249	209 MCF/D	12/16/2021	Continuous	Gas Rerouted

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

DEFINITIONS

Action 67972

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 67972
	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 67972

QUESTIONS

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	Action Number: 67972
	Action Type: [C-129] Venting and/or Flaring (C-129)

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	Not answered.
Incident Facility	[fAPP2128629138] GRAVE DIGGER STATE COM 8H TANK BATTERY

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	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.

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	59
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	80,000
Carbon Dioxide (CO2) percentage, if greater than one percent	3
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 67972

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/16/2021
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	12:00 AM
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: 85 Mcf Recovered: 0 Mcf Lost: 85 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	12/09/2021
Time notified of downstream activity requiring this vent or flare	10:40 AM

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	Issues at DCP/Durango's Artesia Plant
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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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.	12/20/2021