

# 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	1318 MCF/D	8/24/2021	Continuous	ACO Requested
ROSS RANCH 09.13.14 BATTERY	32.636187	-104.47781	1461 MCF/D	8/24/2021	Continuous	ACO Requested
OSAGE BOYD 15 FED 09.12.13.14 TANK BATTERY	32.652839	-104.478905	984 MCF/D	8/24/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM NORTH BATTERY	32.625808	-104.469155	2788 MCF/D	8/24/2021	Continuous	ACO Requested
LAKEWOOD FEDERAL COM SOUTH BATTERY	32.608649	-104.479201	1556 MCF/D	8/24/2021	Continuous	ACO Requested
DORAMI 33 FEDERAL COM 2H.4H.9H TANK BATTERY	32.614416	-104.478493	631 MCF/D	8/24/2021	Continuous	ACO Requested
NOOSE FEDERAL 10 TANK BATTERY	32.6101608	-104.455184	58 MCF/D	8/24/2021	Continuous	Gas Rerouted
MCINTYRE DK 15 FEDERAL TANK BATTERY	32.8280716	-103.9942474	223 MCF/D	8/24/2021	Continuous	Gas Rerouted
HOBGOBLIN 7 FEDERAL COM 4H TANK BATTERY	32.8500748	-104.00328	192 MCF/D	8/24/2021	Continuous	Gas Rerouted
ELECTRA FEDERAL 5 (SWEET) TANK BATTERY	32.8400116	-103.9658051	182 MCF/D	8/24/2021	Continuous	Gas Rerouted
ELECTRA FEDERAL 33 (NORTH) TANK BATTERY	32.8535805	-103.954521	153 MCF/D	8/24/2021	Continuous	Gas Rerouted
BERRY A FEDERAL PADDOCK TANK BATTERY	32.8209991	-103.98452	132 MCF/D	8/24/2021	Continuous	Gas Rerouted
CARMEN 3 FEDERAL TANK BATTERY	32.8698921	-103.952392	142 MCF/D	8/24/2021	Continuous	Gas Rerouted
GISSLER FEDERAL 13 TANK BATTERY	32.8609581	-104.0017395	97 MCF/D	8/24/2021	Continuous	Gas Rerouted
JG STATE 16 #1 TANK BATTERY	32.8283081	-103.7735443	126 MCF/D	8/24/2021	Continuous	Gas Rerouted
PASSION 1 FED PDK 5H TANK BATTERY	32.8616638	-104.0202484	85 MCF/D	8/24/2021	Continuous	Gas Rerouted
NEWCASTLE 6 FEDERAL COM TANK BATTERY	32.8592453	-104.0196991	53 MCF/D	8/24/2021	Continuous	Gas Rerouted
YALE STATE TANK BATTERY	32.8572006	-103.9502258	102 MCF/D	8/24/2021	Continuous	Gas Rerouted
YALE B OIL TANK BATTERY	32.8643684	-103.9480209	100 MCF/D	8/24/2021	Continuous	Gas Rerouted
JG STATE 16 #7 TANK BATTERY	32.8357887	-103.7768707	61 MCF/D	8/24/2021	Continuous	Gas Rerouted
GRAVE DIGGER STATE COM 8H TANK BATTERY	32.59576569	-104.4588697	54 MCF/D	8/24/2021	Continuous	Gas Rerouted

**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 45930

**QUESTIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 45930
	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	[30-015-43397] GRAVE DIGGER STATE COM #008H
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 or is this venting and/or flaring caused by an emergency or malfunction	No
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, 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 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**

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

Methane (CH4) percentage	58
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.

**Date(s) and Time(s)**

Date venting and/or flaring was discovered or commenced	08/24/2021
Time venting and/or flaring was discovered or commenced	12:00 AM
Time venting and/or flaring 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.
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Natural Gas Flared (Mcf) Details	Cause: Midstream Scheduled Maintenance   Other (Specify)   Natural Gas Flared   Released: 54 Mcf   Recovered: 0 Mcf   Lost: 54 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	Yes
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	08/17/2021
Time notified of downstream activity requiring this venting and/or flaring	09:30 AM

**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	Midstream scheduled turn around.
Steps taken to limit the duration and magnitude of venting and/or flaring	Sold to another 3rd party where possible.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	Rerouted gas to other midstream companies as capacity allowed.

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CONDITIONS  
  
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	Action Number: 45930
	Action Type: [C-129] Venting and/or Flaring (C-129)

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.	9/1/2021