

Analysis Summary - Meter Daily

April 2022



Meter #: 99018
Name: RED HILLS V RESIDUE
Press. Base: 14.730 psia Temp. Base: 60.0 F

Mole Percent

Day	Relative Density	Heating Value	CO2	N2	C1	C2	C3	IC4	NC4	IC5	NC5	Neo	C6	C7	C8	C9	C10	O2	H2	CO	He	Ar	H2S	H2O
1	0.6119	1065.41D	0.0000	2.3262	88.0468	9.5152	0.1119	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
2	0.6117	1064.99D	0.0019	2.3309	88.0840	9.4744	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
3	0.6114	1064.11D	0.0024	2.3526	88.1428	9.3972	0.1050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
4	0.6120	1064.59D	0.0067	2.3727	88.0272	9.4845	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
5	0.6119	1064.83D	0.0160	2.3391	88.0715	9.4459	0.1275	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
6	0.6112	1064.08D	0.0000	2.3386	88.1719	9.3971	0.0924	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
7	0.6115	1064.55D	0.0000	2.3403	88.1148	9.4441	0.1008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
8	0.6115	1064.61D	0.0000	2.3408	88.1006	9.4645	0.0942	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
9	0.6111	1063.82D	0.0000	2.3479	88.1845	9.3754	0.0922	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
10	0.6109	1063.64D	0.0000	2.3375	88.2276	9.3466	0.0883	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
11	0.6109	1063.20D	0.0000	2.3637	88.2349	9.3022	0.0992	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
12	0.6082	1060.10D	0.0000	2.2940	88.7823	8.8431	0.0805	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
13	0.6083	1060.71D	0.0001	2.2664	88.7677	8.8848	0.0809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
14	0.6089	1060.79D	0.0309	2.2744	88.6712	8.9381	0.0854	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
15	0.6084	1060.95D	0.0000	2.2697	88.7306	8.9167	0.0831	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
16	0.6126	1066.73D	0.0058	2.3019	88.1772	9.1525	0.3525	0.0051	0.0050	0.0000	0.0000	0.0000	0.0000											
17	0.6086	1059.92D	0.0061	2.3353	88.7072	8.8611	0.0900	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
18	0.6003	1045.92D	0.0123	2.3871	90.3908	7.1237	0.0855	0.0003	0.0004	0.0000	0.0000	0.0000	0.0000											
19	0.6092	1061.02D	0.0001	2.3367	88.5765	8.9919	0.0947	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
20	0.6093	1061.58D	0.0001	2.3124	88.5690	9.0161	0.1021	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
21	0.6114	1062.71D	0.0029	2.4383	88.1323	9.3139	0.1125	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
Avg	0.6101	1062.33D	0.0040	2.3336	88.4180	9.1362	0.1077	0.0002	0.0002	0.0000	0.0000	0.0000	0.0000											

*** End of Report***

Please submit this form by the 5th business day of the month following the month the vent/blowdown occurred. Please submit a separate form for each site. All sections should be filled out by field personnel. **All red fields per event must be entered to calculate volumes correctly!** **All yellow fields should be entered if known for increased accuracy.**

Balance/Lateral	HIGH PRESSURE RECEIPTS BALANCE VENT BD	Event Month	April
CS/Plant	RED HILLS PLANT VENT BD	Event Day	17
Employee Name	Randy Chavez	Event Year	2022

Calculated (Pipeline) Volumes							
Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number	97000-1	Volume Lost (MCF)	4,060.13
Pipe ID (in)		Length (Feet)		Beginning Date & Time	04/17/2022 0000	Vent Duration (Hours)	1.95
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time	04/17/2022 0157	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	20in Sch. 20	Specific Gravity	
Elevation (ft)				Orifice Size (in)	1.5	Elevation (ft)	
				Avg Pressure	1,013.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number	97000-1	Volume Lost (MCF)	7,351.67
Pipe ID (in)		Length (Feet)		Beginning Date & Time	04/17/2022 0248	Vent Duration (Hours)	3.48
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time	04/17/2022 0617	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	20in Sch. 20	Specific Gravity	
Elevation (ft)				Orifice Size (in)	1.5	Elevation (ft)	
				Avg Pressure	1,027.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number		Volume Lost (MCF)	
Pipe ID (in)		Length (Feet)		Beginning Date & Time		Vent Duration (Hours)	
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time		Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)		Specific Gravity	
Elevation (ft)				Orifice Size (in)		Elevation (ft)	
				Avg Pressure			

Known (Station) Volumes					
Volumes must be known to calculate correctly!					
Type of Blowdown	Number of Occurrences		Known Volume (MCF) Blowdown		Volume (MCF)
		Multiplied by		Equals	
		Multiplied by		Equals	
		Multiplied by		Equals	

Total Volume (MCF): 11,411.80

Comments:

Rojo Toro shut in due to high water vapor, had to blowdown the pipe back to spec.

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District III
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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 101010

DEFINITIONS

Operator: LUCID ENERGY DELAWARE, LLC 201 S. Fourth Street Artesia, NM 88210	OGRID: 372422
	Action Number: 101010
	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 101010

QUESTIONS

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	Action Number: 101010
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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	Not answered.
Incident Facility	[fAPP2123031392] Lucid Energy Delaware LLC

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, major 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	89
Nitrogen (N2) percentage, if greater than one percent	2
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	4
Hydrogen Sulfide (H2S) PPM quality requirement	17
Carbon Dioxide (CO2) percentage quality requirement	2
Oxygen (O2) percentage quality requirement	0

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QUESTIONS, Page 2

Action 101010

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/17/2022
Time vent or flare was discovered or commenced	02:48 AM
Time vent or flare was terminated	06:17 AM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Pipeline Quality Specifications Pipeline (Any) Natural Gas Vented Released: 7,352 Mcf Recovered: 0 Mcf Lost: 7,352 Mcf]
Natural Gas Flared (Mcf) Details	Not answered.
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 was event was beyond control due to an upstream operator sending natural gas with high water vapor content.
Steps taken to limit the duration and magnitude of vent or flare	All possible steps were taken to limit the duration and magnitude of this venting event.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	There are no practicable corrective actions as this event was necessary to mitigate high water vapor levels in the pipeline.

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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

Action 101010

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	Action Number: 101010
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CONDITIONS

Created By	Condition	Condition Date
michaelgant	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.	4/22/2022