

Analysis Summary - Meter Daily

May 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	0.6140	1068.34D	0.0000	2.3538	87.5958	9.9460	0.1042	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002											
2	0.6144	1069.24D	0.0068	2.3228	87.5362	10.0265	0.1077	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
3	0.6134	1067.86D	0.0000	2.3195	87.7391	9.8352	0.1062	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
4	0.6122	1067.33D	0.0032	2.2408	87.9947	9.6430	0.1183	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
Avg	0.6135	1068.20D	0.0024	2.3113	87.7099	9.8675	0.1088	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001											

*** 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	May
CS/Plant	RED HILLS PLANT VENT BD	Event Day	4
Employee Name	Chris Rittenberry	Event Year	2022

Calculated (Pipeline) Volumes							
Blowdown(s)				Purge/Vent			
Reference Meter Number		Blowdown (MCF)		Reference Meter Number	95720	Volume Lost (MCF)	312.97
Pipe ID (in)		Length (Feet)		Beginning Date & Time	05/04/2022 2315	Vent Duration (Hours)	0.50
Begin Press. (PSIG)		End Press. (PSIG)		Ending Date & Time	05/04/2022 2345	Gas Temp	
Gas Temp.		Specific Gravity		Pipe ID (in)	16in Sch. 30	Specific Gravity	
Elevation (ft)				Orifice Size (in)	1	Elevation (ft)	
				Avg Pressure	681.00		
Reference Meter Number		Blowdown (MCF)		Reference Meter Number	95720	Volume Lost (MCF)	312.97
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Gas Temp.		Specific Gravity		Pipe ID (in)	16in Sch. 30	Specific Gravity	
Elevation (ft)				Orifice Size (in)	1	Elevation (ft)	
				Avg Pressure	681.00		

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): 938.91

Comments:

Rojo Banco shut in due to high H2S (second wave of contamination), had to blowdown the pipe back to spec.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

DEFINITIONS

Action 104925

DEFINITIONS

Operator: LUCID ENERGY DELAWARE, LLC 201 S. Fourth Street Artesia, NM 88210	OGRID: 372422
	Action Number: 104925
	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: <ul style="list-style-type: none">• 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 104925

QUESTIONS

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	Action Number: 104925
	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	[fAPP2123031392] Lucid Energy Delaware LLC

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	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.
<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	88
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
<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	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 104925

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/04/2022
Time vent or flare was discovered or commenced	11:15 PM
Time vent or flare was terminated	11:45 PM
Cumulative hours during this event	1

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: 939 Mcf Recovered: 0 Mcf Lost: 939 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 containing high levels of H2S.
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 H2S levels in the pipeline.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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
michaeltant	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.	5/6/2022