Regist Composition and Properties

Effective February 1, 2022 08:00 - January 18, 2038 21:14

Source #: 86100

Name: RED HILLS RESIDUE SALES



Component	Mole %	Liquid Content	Mass %	Property	Total Sample
Carbon Dioxide (CO2)	0.0353		0.0864	Pressure Base	14.73
Nitrogen (N2)	1.9015		2.9637	Temperature Base	60
Methane (C1)	87.1694		77.8035	HCDP @ Sample Pressure	
Ethane (C2)	9.9611	2.6700	16.6644	Cricondentherm	
Propane (C3)	0.8088	0.2230	1.9841	HV, Dry @ Base P, T	1087.19
Isobutane (IC4)	0.0219	0.0070	0.0708	HV, Sat @ Base P, T	1068.65
n-Butane (NC4)	0.0404	0.0130	0.1307	HV, Sat @ Sample P, T	1083.26
Isopentane (IC5)	0.0087	0.0030	0.0349	Relative Density	0.6219
n-Pentane (NC5)	0.0108	0.0040	0.0435		
Hexanes Plus (C6+)	0.0421	0.0180	0.2180		
Argon (Ar) Carbon Monoxide (CO) Hydrogen (H2) Oxygen (O2) Helium (He) Water (H2O) Hydrogen Sulfide (H2S)				C6+: 60 - 30 - 10	
Totals	100.0000	2.9380	100.0000		

Sample

Date: 02/01/2022 Type: Composite

Tech: Joey Ongaga

Pressure: 1,036.0 psi Temp.: 142 °F

Gauge: Absolute H2O:

Atm. Pressure: H2S: 0 ppm

Remarks:

Analysis

Tech: ERG

Remarks:

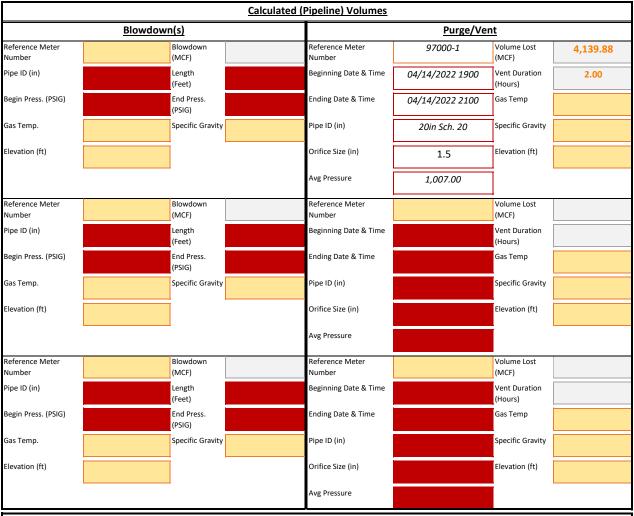
*** End of Report ***

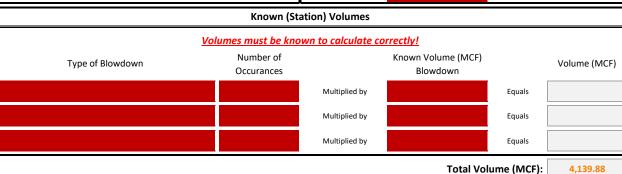
LUC-XX-XXX-XXX Page 2 of 7 **VERSION 2.1: APRIL 6 2022**

4,139.88

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	14
Employee Name	Randy Chavez	Event Year	2022





Comments:

Had to blow gas at Rojo Toro due to getting shut in on high O2.

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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**

DEFINITIONS

Action 99133

DEFINITIONS

Operator:	OGRID:
LUCID ENERGY DELAWARE, LLC	372422
201 S. Fourth Street	Action Number:
Artesia, NM 88210	99133
	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 99133

Ω	UESTIONS		
Operator:		OGRID:	
LUCID ENERGY DELAWARE, LLC		372422	
201 S. Fourth Street Artesia, NM 88210		Action Number: 99133	
		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 wit	th the rest of the questions.	
Incident Well	Not answered.		
Incident Facility	[fAPP2123031392] Lucid E	[fAPP2123031392] Lucid Energy Delaware LLC	
Determination of Deserting Deserting			
Determination of Reporting Requirements			
Answer all questions that apply. The Reason(s) statements are calculated based on your answers at 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	NO		
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 v	enting 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			
	T		
Primary Equipment Involved	Not answered.		
Additional details for Equipment Involved. Please specify	Not answered.		
Department of Compacitional Analysis of Vonted on Flored National Cos			
Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.			
Methane (CH4) percentage	87		
Nitrogen (N2) percentage, if greater than one percent	2		
Hydrogen Sulfide (H2S) PPM, rounded up	0		
Carbon Dioxide (C02) percentage, if greater than one percent	0		
Oxygen (02) percentage, if greater than one percent	0		
Oxygen (02) percentage, ii greater than one percent	0		
If you are venting and/or flaring because of Pipeline Specification, please provide the required spec	ifications for each gas.		
Methane (CH4) percentage quality requirement	Not answered.		
Nitrogen (N2) percentage quality requirement	4		
Hydrogen Sufide (H2S) PPM quality requirement	17		
Carbon Dioxide (C02) percentage quality requirement	2		
Oxygen (02) percentage quality requirement	0		

Action 99133

QUESTIONS, Page 2

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QUESTI	ONS (continued)
Operator: LUCID ENERGY DELAWARE, LLC 201 S. Fourth Street Artesia, NM 88210	OGRID: 372422 Action Number: 99133
	Action Type: [C-129] Venting and/or Flaring (C-129)
QUESTIONS	
Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/14/2022
Time vent or flare was discovered or commenced	07:00 PM
Time vent or flare was terminated	09:00 PM
Cumulative hours during this event	2
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: 4,140 Mcf Recovered: 0 Mcf Lost: 4,140 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 O2.
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 O2 levels in the pipeline.

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ACKNOWLEDGMENTS

Action 99133

ACKNOWLEDGMENTS

Operator:	OGRID:
LUCID ENERGY DELAWARE, LLC	372422
201 S. Fourth Street	Action Number:
Artesia, NM 88210	99133
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

V	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.
V	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.
V	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.
V	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.
V	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 99133

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Operator:	OGRID:
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CONDITIONS

Created By		Condition Date
michael	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.	4/18/2022