

# Certificate of Analysis

Number: 6030-21060286-001A

Artesia Laboratory 200 E Main St. Artesia, NM 88210 Phone 575-746-3481

Jarrett Webb Longfellow Energy 8115 Preston Rd Suite 800

Dallas, TX 75225

Station Name: Hendricks SC 13 Cd CTB Scrubber

Station Number: 3242002 Station Location: Longfellow Sample Point: Meter run

Instrument: 70104124 (Inficon GC-MicroFusion)

Last Inst. Cal.: 06/28/2021 0:00 AM

Analyzed: 06/28/2021 13:05:37 by EJR

June 28, 2021

Sampled By: Nathan Payne

Sample Of: Gas Spot Sample Date: 06/26/2021 12:00 Sample Conditions: 40 psig Ambient: 90 °F

Effective Date: 06/26/2021 12:00
Method: GPA-2261M
Cylinder No: 5030-03535

### **Analytical Data**

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia		
Hydrogen Sulfide	0.000	0.10000	0.135		GPM TOTAL C2+	7.704
Nitrogen	6.987	7.08941	7.875		GPM TOTAL C3+	4.580
Methane	63.765	64.69902	41.158		GPM TOTAL iC5+	1.576
Carbon Dioxide	2.241	2.27381	3.968			
Ethane	11.488	11.65652	13.898	3.124		
Propane	7.071	7.17464	12.545	1.981		
lso-butane	0.916	0.92951	2.142	0.305		
n-Butane	2.239	2.27168	5.236	0.718		
Iso-pentane	0.601	0.61010	1.745	0.224		
n-Pentane	0.602	0.61061	1.747	0.222		
Hexanes Plus	2.547	2.58470	9.551	1.130		
	98.457	100.00000	100.000	7.704		
Calculated Physical	Properties	Tota	I	C6+		
Relative Density Real		0.8746	3	3.2176		
Calculated Molecular \	Weight	25.22	<u> </u>	93.19		
Compressibility Factor		0.9952	<u> </u>			
<b>GPA 2172 Calculation</b>	n:					
Calculated Gross BT	U per ft <sup>3</sup> @ 14.696 ¡	osia & 60°F				
Real Gas Dry BTU		1333	3	5129		
Water Sat. Gas Base I	BTU	1310	)	5040		
Ideal, Gross HV - Dry	at 14.696 psia	1326.7	7	5129.2		
Ideal, Gross HV - Wet		1303.5	5	5039.7		

Data reviewed by: Krystle Fitzwater, Laboratory Manager

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Quality Assurance:

Comments: H2S Field Content 0.1 %

-	_	~ /
-		U/

Hendrix 2H	
6/12/2023	90
6/13/2023	96
6/14/2023	97
6/15/2023	95
6/16/2023	91
6/17/2023	91
Total	560

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

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 232169

#### **DEFINITIONS**

Operator:	OGRID:
LONGFELLOW ENERGY, LP	372210
8115 Preston Road	Action Number:
Dallas, TX 75225	232169
	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.

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

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

QUESTIONS

Action 232169

OURSTIONS  OURSTIAN B 11 For Personal Processing Read Dalles, TX 75225  Anton Number: 232100 Anton Number: 232200 Anton Number: 2322000 Anton Number: 232200 Anton Number: 232200 Anton Number: 2322000 Anton Number: 232200 Anton Number: 232200 Anton Number: 23220	Phone:(505) 476-3470 Fax:(505) 476-3462	•
Operation  LONG-PELLOW ENERGY, LP 8119 Preston Road Dalles, TX T0225  Actor Number 2372210  Actor Number 237260  Actor Number C-1209 (Venting and/or Flaining (C-129)  COURTINAS  Prorequisities Any measures presented in this section, will prevent submission of this approache. Please resemble these bases before certificing with the rest of the questions.  Incident Visal Incident V	ο	UESTIONS
Action Numbers 2221 60 Action Types (C-129) Venting and/or Flaring (C-129)  COUSTIONS  COUSTIONS  Country Types (C-129) Venting and/or Flaring (C-129)  Country Types (C-129) Venting and (C-129)  Count		
Dallas, TX 75225  Acron Type:  (C-129) Venting and/or Flating (C-129)  OUSSTIONS  Prerequisites  Any messages presented in this section, will prevent automission of this application. Please resolve these issues before continuing with the rest of the questions.  Incident Vent  Incident Vent  Incident Vent  Determination of Reporting Requirements  Assars all questions that apply. The Resourcel statements are calculated based on your answer and may provide additional guidance.  Was this vent of their caused by an emergency or malfunction.  Det filts liven to filter last eleight house or more cumulatively within any 24-hour period from a single event.  To bill this vent of their sate eleight house or more cumulatively within any 24-hour period from a single event.  An operator shall rise a form C-141 instead and for filtered during this event.  Yes, major venting and/or flating of natural gas.  An operator shall rise a form C-141 instead and for filtered during this event.  Yes  Determination as a chance of reaching the ground, a surface, a ventor common reference and/or filtered during this event.  Yes  Determination from a single event.  Yes  Determination for a vent or filtere event in the retirement in the retirement of the return		
DUESTIONS  Prerequitites Any messages presented in this section, will prevent authinisation of this application. Please resolve these issues before continuing with the rast of the questions.  Incident Mell [Du-15-47460] HENDRIX STATE COM 13 CD 8002H  Incident Facility   Unavailable    Determination of Reporting Requirements  Answer all questions that page / The Resolution sistements are calculated based on your sensewal and may provide editional guidance.  View that the vent of fair an cusaged by an emergency or mishing control.  Did this vent or fair to issue signify and cusaged by an emergency or mishing event.  Is this considered a submission for a vent or flera event.  An operand as a form 0-147 instead of a form 0-128 for a release that moutast griped owing ventage and/or flaring of natural gas.  An operand so that may be a major or minor release under 1915 29 7 MMAC  Vas there are the SM DPF of hashing ventaged and for flerand during this over the revent of their results in the release of AMY liquids (not fully and/or completely fund of the major of the properties) in the release of AMY liquids (not fully and/or completely fund) that resolute probability, endanger public health, the vent or flear event in the release of AMY liquids (not fully and/or completely fund) that feathers of this submired for his an change of major and properties of the vent or flear event that the release of AMY liquids (not fully and/or completely fund) that feathers of his an analysis of vented and of flear during this over the properties of the vented of the submired for his and shared for his an analysis of vented on properties of major and properties of the vented of		
Percequisites Asymmetry and the section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.  Incident Well    39.415-47480] HENDRIX STATE COM 13 CD 9002H   Incident Facility   Usesvariable	Ballaci, 17, 10220	
Prerequiables Any message presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions. Incident Well Incident Facility  Determination of Reporting Requirements Answer all quisations that apay. The Respond situations is a calculated based on your asswers and many provide additional guidance.  Was this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event.  Is this considered a submission for a vent or flare event An operator shall file a form C-148 instead of a form C-128 or anteses that, includes figual during venting and/or flaring of natural gas.  An operator shall file a form C-148 instead of a form C-128 or a release that, includes figual during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 MMAC.  Was there at least 50 MCF of natural gas ventical and/or flaring form flaring that is or may be a major or minor release under 19.15.29.7 MMAC.  Was the vent of flare result in the release of AMT liquids foot fully and/or completely flaredly that reached for has a chaine of reaching the ground, a surface, a wastercourse, or otherwise, with reasonable probability, endanger public health, the available of the substance of reaching the ground, a surface, a wastercourse, or otherwise, with reasonable probability, endanger public health, the available of the substance of reaching the ground, a surface, a wastercourse, or otherwise, with reasonable probability, endanger public health, the available of the substance of reaching the ground, a surface, a wastercourse, or otherwise, with reasonable probability, endanger public health, the available of the substance of reaching the ground, a surface, a wastercourse, or otherwise, with reasonable probability, endanger public health, the available of the substance of the substance of the surface of the substance of the substan		
Incident Pacility  Determination of Reporting Requirements  Acrows all questions that apply. The Reason(s) statements are calculated based on your senseers and may provide additional guidance.  Was this vent or faire caused by an emergency or malfunction  Did this vent or faire caused by an emergency or malfunction  Ves  Joseph Service and Service and Service Serv	QUESTIONS	
Incident Well Incident Facility Unevaliable.    Incident Facility   Unevaliable.	Prerequisites	
Incident Facility  Determination of Reporting Requirements  Answer of ouestions that apoly: The Readon(s) tatements are calculated based on your answers and may provide additional guidance.  Was this vent or flare caused by an emergency or malfunction  Did this vent or flare caused by an emergency or malfunction  Ves  Type spring from a single event  Is this considered a submission for a vent or flare event  An operator shall file a form C-131 instead of a form C-120 for a release list, includes injust during venting and/or flaring of natural gas.  **No spects that file a form C-131 instead of a form C-120 for a release list, includes injust during venting and/or flaring final is or may be a major or minor release under 19.15.29.7 MMAC.  Was there at least 50 MPC of natural gas svented and/or flared during list event.  Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that resolved (or has a chance of reaching) the ground, a surface, a new incomment or fresh water.  Was there at least event or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, heaptal, institution or church in solitations  **Representative Compositional Analysis of Vented or Flared Natural Gas  **Passa provide the mole percent for the percentage questions in this group.  **Representative Compositional Analysis of Vented or Flared Natural Gas  **Passa provide the mole percent for the percentage questions in this group.  **Methane (CH4) percentage. If greater than one percent.  7 Hydrogen Sulfide (1235) PEM, rounded up.  2 Carbon Dioxide (CO22) percentage, if greater than one percent.  9 Journal of the percentage of the	Any messages presented in this section, will prevent submission of this application. Please resolve	these issues before continuing with the rest of the questions.
Determination of Reporting Requirements  Assers 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 maifunction  Jet his vent or flare caused by an emergency or maifunction  Jet his vent or flare caused by an emergency or maifunction  Yes  Jos and the vent of flare caused by an emergency or maifunction  Yes  Is this considered a submission for a vent of flare event  An operator shall file a form C-141 instead of a form C-128 for a mease that, includes liquid during venting and/or flaring of natural gas.  An operator shall file a form C-141 instead of a form C-128 for a mease that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 MMAC.  Was ther at least 50 MCF or natural gas vented and/or flared during this event  Did this vent or flare vestal in the release of AMY liquids (not fully and/or completely flared) that reached for has a chared or flared and/or flared, and watercourse, or otherwise, with reasonable probability, endanger public health, the environment or frash water  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  Equipment Involved  Primary Equipment Involved. Please specify  Additional details for Equipment for the percentage questions in this group.  Representative Compositional Analysis of Vented or Flared Natural Gas  Pease provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  10,000  Carbon Dioxide (CO2) percentage, if greater than one percent  9  4 you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each pass.  Methane (CH4) percentage (applied than one percent  Not answered.	Incident Well	[30-015-47480] HENDRIX STATE COM 13 CD #002H
An operator and flue a tomour of fare result in the release of AVI fluids (fully and for organization of fare as the tight hands of fare as the tight hands of the fare as the	Incident Facility	Unavailable.
An operator and flue actions that apoly. 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 mailfunction  Yes  Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event  Is this considered a submission for a vent or flare event  An operator shalf file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring final file or may be a major or minor release under 19.15.29.7 MMAC.  Was there at least 50 MCF of natural gas vented and/or flored during this event  Did this vent or flare result in the release of AWI liquids (not fully and/or completely litared) that reached of has a chance of reaching the ground, a suffice, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment of refain water  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  Equipment Involved  Primary Equipment Involved. Please specify  Not answered.  Representative Compositional Analysis of Vented or Flared Natural Gas  Pease provide the mole prevent for the percentage questions in this group.  Methane (CP44) percentage. If greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  10,000  Carbon Dioxide (CO2) percentage, if greater than one percent  2 coxygen (02) percentage, if greater than one percent  2 coxygen (02) percentage, if greater than one percent  Not answered.  Hydrogen Sulfide (H2S) PPM guality requirement  Not answered.	Determination of Reporting Requirements	
Was this vent or flare caused by an emergency or malfunction Did this vent or flare last eight hours or more cumulatively within any 24-hour period form a single event 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-14 in instead of a form C-126 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 18.15.29.7 NMAC.  Yes Uses there at least 50 MCF of natural gas vented and/or flored during this event Did this vent or flare result in the release of AMY liquids (not fully and/or completely flared) that reached or has a chance of reaching) the ground, a surface, a watercourse, or therwise, with reasonable probability, endanger public health, the environment or fresh water  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  Equipment Involved  Primary Equipment Involved  Separator  Representative Compositional Analysis of Vented or Flared Natural Gas Passes provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage  65 Nitrogen (N2) percentage, if greater than one percent 7 Hydrogen Suffice (H2S) PPM, rounded up 10,000 Carbon Dioxide (CO2) percentage, if greater than one percent 2 Oxygen (O2) percentage, if greater than one percent 7 Flydrogen Suffice (H2S) PPM, rounded up 10,000 Carbon Dioxide (CO2) percentage, if greater than one percent 17 Flydrogen Suffice (H2S) PPM, rounded up 10,000 Carbon Dioxide (CO2) percentage, if greater than one percent 17 Flydrogen Suffice (H2S) PPM, rounded up 17 Flydrogen Suffice (H2S) PPM quality requirement 18 Flydrogen Suf		nd may provide addional guidance.
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event.  Yes  Yes  Yes  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 IMMAC.  Was there at least 50 MCF of natural gas vented and/or flared during this event  Did this vent or flare result in the release of ANY liquids (not fully) and/or completely flared) that resolute of Anne or freaching the ground, a variece, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water  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  Equipment Involved  Primary Equipment Involved. Please specify  Additional details for Equipment Involved. Please specify  Nor 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. If greater than one percent  7 Hydrogen Sulfide (H2S) PPM, nounded up  10,000  Carbon Dioxide (CO2) percentage, if greater than one percent  2 Oxygen (02) percentage, if greater than one percent  2 Oxygen (02) percentage, if greater than one percent  Nor answered.  Hydrogen Suffide (H2S) PPM quality requirement  Nor answered.  Hydrogen Suffide (H2S) PPM quality requirement  Nor answered.  Hydrogen Suffide (H2S) PPM quality requirement  Nor answered.		
Is this considered a submission for a vent or flare event  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 MGF of natural gas vented and/or flared during this event Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that resched (or has a chence of reaching) the ground, a surface, a watercourse, or therwise, with reasonable probability, endanger public health, the environment or flare within an incorporated municipal boundary or withing 300 feet from an occupied permanent residence, school, hospital, institution or church in  Equipment Involved  Primary Equipment Involved.  Primary Equipment Involved. Please specify  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. If greater than one percent  7  Nydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (CO2) percentage, if greater than one percent 10  Not answered.  Not answered.  Not answered.	Did this vent or flare last eight hours or more cumulatively within any 24-hour	
Was there at least 50 MCF of natural gas vented and/or flared during this event  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  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  Equipment Involved  Primary Equipment Involved  Separator  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  Nitrogen (N2) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (C02) percentage, if greater than one percent  0  Oxygen (02) percentage, if greater than one percent  Not answered.  Not answered.  Not answered.  Not answered.		Yes, major venting and/or flaring of natural gas.
Was there at least 50 MCF of natural gas vented and/or flared during this event  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  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  Equipment Involved  Primary Equipment Involved  Separator  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  Nitrogen (N2) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (C02) percentage, if greater than one percent  0  Ovygen (02) percentage, if greater than one percent  Not answered.  Not answered.  Not answered.	An apparator shall file a form C 141 instead of a form C 120 for a release that includes liquid during u	venting and/or flating that is or may be a major or minor release under 10.15.20.7 NMAC
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  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  Equipment involved  Primary Equipment Involved  Separator  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.  Mitrogen (N2) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (CO2) percentage, if greater than one percent  9  Mot answered.  Not answered.  Not answered.  Not answered.		
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  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  Equipment Involved  Primary Equipment Involved  Separator  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  Nitrogen (N2) percentage, if greater than one percent  Hydrogen Sulfide (H2S) PPM, rounded up  Coxygen (O2) percentage, if greater than one percent  O   Not answered.  Not answered.  Not answered.  Not answered.		165
watercourse, of otherwise, with reasonable probability, endanger public health, the environment of fresh water environment of fresh water from an occupied permanent residence, school, hospital, institution or church in existence  Equipment involved  Primary Equipment involved  Separator  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  Not percentage, if greater than one percent  17  Hydrogen Sulfide (H2S) PPM, rounded up  Coxygen (02) percentage, if greater than one percent  19  Mot answered.  Not answered.  Not answered.  Not answered.		Na
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  Equipment Involved  Primary Equipment Involved  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  Nitrogen (N2) percentage, if greater than one percent  Plydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (CO2) percentage, if greater than one percent  Output Dioxide (CO2) percentage, if greater than one percent  Not answered.  Not answered.  Not answered.  Not answered.	, , , , , , , , , , , , , , , , , , , ,	NO
from an occupied permanent residence, school, hospital, institution or church in existence  Equipment Involved  Primary Equipment Involved  Separator  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  Nitrogen (N2) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  10,000  Carbon Dioxide (CO2) percentage, if greater than one percent  2  Oxygen (02) 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 Suffide (H2S) PPM quality requirement  Not answered.		
Equipment Involved  Primary Equipment Involved  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  Alternative (CN2) percentage, if greater than one percent  Tour Hydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (CO2) percentage, if greater than one percent  Doxygen (O2) percentage, if greater than one percent  Doxygen (O2) percentage, if greater than one percent  Doxygen (O2) percentage, if greater than one percent  Not answered.  Not answered.  Hydrogen Sulfide (H2S) PPM quality requirement  Not answered.  Not answered.	· · · · · · · · · · · · · · · · · · ·	No
Additional details for Equipment Involved. Please specify  Representative Compositional Analysis of Vented or Flared Natural Gas  Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage  65  Nitrogen (N2) percentage, if greater than one percent  7  Hydrogen Sulfide (H2S) PPM, rounded up  10,000  Carbon Dioxide (C02) percentage, if greater than one percent  2  Oxygen (02) 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.		
Additional details for Equipment Involved. Please specify  **Representative Compositional Analysis of Vented or Flared Natural Gas**  **Please provide the mole percent for the percentage questions in this group.**  **Methane (CH4) percentage	E	
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 65  **Nitrogen (N2) percentage, if greater than one percent 7  **Hydrogen Sulfide (H2S) PPM, rounded up 10,000  **Carbon Dioxide (C02) percentage, if greater than one percent 2  **Oxygen (02) 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.**  **Not answered.**  **Hydrogen Sufide (H2S) PPM quality requirement Not answered.**  **Hydrogen Sufide (H2S) PPM quality requirement Not answered.**  **Not answ	Equipment involved	
Representative Compositional Analysis of Vented or Flared Natural Gas  Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.	Primary Equipment Involved	Separator
Representative Compositional Analysis of Vented or Flared Natural Gas  Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement 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 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.	Additional data in the Empirement Involved Discourse (Sec.	
Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.	Additional details for Equipment Involved. Please specify	Not answered.
Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.		
Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.		
Methane (CH4) percentage 65  Nitrogen (N2) percentage, if greater than one percent 7  Hydrogen Sulfide (H2S) PPM, rounded up 10,000  Carbon Dioxide (C02) percentage, if greater than one percent 2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement Not answered.	Representative Compositional Analysis of Vented or Flared Natural Gas	
Nitrogen (N2) percentage, if greater than one percent  Hydrogen Sulfide (H2S) PPM, rounded up  10,000  Carbon Dioxide (C02) percentage, if greater than one percent  2  Oxygen (02) 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 Sufide (H2S) PPM quality requirement  Not answered.		T
Hydrogen Sulfide (H2S) PPM, rounded up  Carbon Dioxide (C02) percentage, if greater than one percent  Oxygen (02) 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 Sufide (H2S) PPM quality requirement  Not answered.		
Carbon Dioxide (C02) percentage, if greater than one percent  Oxygen (02) 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 Sufide (H2S) PPM quality requirement  Not answered.		7
Oxygen (02) 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 Sufide (H2S) PPM quality requirement  Not answered.	Hydrogen Sulfide (H2S) PPM, rounded up	10,000
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.  Not answered.  Hydrogen Sufide (H2S) PPM quality requirement  Not answered.	Carbon Dioxide (C02) percentage, if greater than one percent	2
Methane (CH4) percentage quality requirement       Not answered.         Nitrogen (N2) percentage quality requirement       Not answered.         Hydrogen Sufide (H2S) PPM quality requirement       Not answered.	Oxygen (02) percentage, if greater than one percent	0
Nitrogen (N2) percentage quality requirement  Not answered.  Hydrogen Sufide (H2S) PPM quality requirement  Not answered.	If you are venting and/or flaring because of Pipeline Specification, please provide the required spec	cifications for each gas.
Hydrogen Sufide (H2S) PPM quality requirement  Not answered.		
Hydrogen Sufide (H2S) PPM quality requirement  Not answered.	Nitrogen (N2) percentage quality requirement	Not answered.
		Not answered.

Not answered.

Oxygen (02) percentage quality requirement

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

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

QUESTIONS, Page 2

Action 232169

Phone: (505) 476-3470 Fax: (505) 476-3462	,
QUESTI	ONS (continued)
Operator: LONGFELLOW ENERGY, LP	OGRID: 372210
8115 Preston Road	Action Number:
Dallas, TX 75225	232169 Action Type:
	[C-129] Venting and/or Flaring (C-129)
QUESTIONS	
Date(s) and Time(s)	
Date vent or flare was discovered or commenced	06/12/2023
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:00 PM
Cumulative hours during this event	143
Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Midstream Emergency Maintenance   Separator   Natural Gas Flared   Released: 560 Mcf   Recovered: 0 Mcf   Lost: 560 Mcf.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify  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	
	T <sub>V</sub>
Was this vent or flare a result of downstream activity	Yes
Was notification of downstream activity received by this operator  Downstream OGRID that should have notified this operator	Yes
	[36785] DCP OPERATING COMPANY, LP
Date notified of downstream activity requiring this vent or flare	06/08/2023
Time notified of downstream activity requiring this vent or flare	05:00 PM
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	Downstream Activity
Steps taken to limit the duration and magnitude of vent or flare	None

None

Corrective actions taken to eliminate the cause and reoccurrence of vent or flare

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

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**

ACKNOWLEDGMENTS

Action 232169

### **ACKNOWLEDGMENTS**

Operator:	OGRID:
LONGFELLOW ENERGY, LP	372210
8115 Preston Road	Action Number:
Dallas, TX 75225	232169
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

### **ACKNOWLEDGMENTS**

V	I acknowledge that I am authorized to submit a Venting and/or Flaring (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.
<b>\</b>	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.
<b>~</b>	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.

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

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** 

CONDITIONS

Action 232169

### **CONDITIONS**

Operator:	OGRID:
LONGFELLOW ENERGY, LP	372210
8115 Preston Road	Action Number:
Dallas, TX 75225	232169
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

### CONDITIONS

Created By		Condition Date
mmayo	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.	6/23/2023