



Certificate of Analysis

Number: 6030-22110144-001A

Artesia Laboratory

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

Jerry Mathews
Spur Energy
1012 Marquez Place, Suite 106b
Santa Fe, NM 87505

Nov. 17, 2022

Station Name: HT 14 Fed 13 H	Sampled By: Donavan Miller
Station Number: 69410061	Sample Of: Gas Spot
Station Location: Spur	Sample Date: 11/08/2022
Sample Point: Meter Run	Sample Conditions: 118.6 psig, @ 94.7 °F Ambient: 74 °F
Instrument: 6030_GC6 (Inficon GC-3000 Micro)	Effective Date: 11/08/2022
Last Inst. Cal.: 10/03/2022 0:00 AM	Method: GPA-2261M
Analyzed: 11/16/2022 15:51:16 by EBH	Cylinder No: 5030-00533

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.000	0.01000	0.015		GPM TOTAL C2+ 6.687
Nitrogen	2.562	2.56509	3.245		GPM TOTAL C3+ 3.193
Methane	73.395	73.49237	53.242		GPM TOTAL iC5+ 0.574
Carbon Dioxide	0.411	0.41144	0.818		
Ethane	12.998	13.01551	17.673	3.494	
Propane	6.369	6.37703	12.699	1.763	
Iso-butane	0.814	0.81538	2.140	0.268	
n-Butane	1.855	1.85696	4.874	0.588	
Iso-pentane	0.444	0.44489	1.450	0.163	
n-Pentane	0.433	0.43357	1.413	0.158	
Hexanes Plus	0.577	0.57776	2.431	0.253	
	99.858	100.00000	100.000	6.687	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7673	3.2176
Calculated Molecular Weight	22.14	93.19
Compressibility Factor	0.9961	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1293	5141
Water Sat. Gas Base BTU	1271	5052
Ideal, Gross HV - Dry at 14.73 psia	1288.0	5141.1
Ideal, Gross HV - Wet	1265.6	5051.6

Comments: H2S Field Content 100 ppm

Hydrocarbon Laboratory Manager

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

Name of well or facility	Lat	Long	Daily Volume of Flared Natural Gas (MCF/D)	Commencement	Duration	Proposed Remedy
HT 18 12H.13H.14H FEDERAL TANK BATTERY	32.843780	-103.811066	520 MCF/D	11/9/2022	Continuous	Continue to comply with 19.15.27.8.C

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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

DEFINITIONS

Action 159739

DEFINITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 159739
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 159739

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	Action Number: 159739
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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 Operator	[328947] Spur Energy Partners LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Unavailable.
Incident Facility	[fAPP2230832547] HT 18 12H.13H.14H Tank Battery
<i>Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.</i>	

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	Yes
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 within 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	73
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	100
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	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.

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QUESTIONS, Page 2

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QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	11/09/2022
Time vent or flare was discovered or commenced	05:00 PM
Time vent or flare was terminated	05:00 PM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Pipeline Quality Specifications Other (Specify) Natural Gas Flared Released: 520 Mcf Recovered: 0 Mcf Lost: 520 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 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	
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	Gas is currently exceeded quality specifications from gatherer.
Steps taken to limit the duration and magnitude of vent or flare	Continue to comply with 19.15.27.8.C.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Continue to comply with 19.15.27.8.C.

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ACKNOWLEDGMENTS

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ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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
schapman01	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	11/17/2022