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575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

14931G	Catalina 2-3		Catalina 2-3
Sample Point Code	Sample Point Name		Sample Point Location
Laboratory Services	2023067776	2103	Jimmy M. - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Apr 25, 2023 14:35	Apr 25, 2023 14:35	Apr 26, 2023 15:52	Apr 28, 2023
Date Sampled	Date Effective	Date Received	Date Reported
1,908.00	System Administrator	521 @ 95	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
American Valve & Meter	NG		
Operator	Lab Source Description		

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0000	0	
Nitrogen (N2)	1.2310	1.231	
CO2 (CO2)	0.0500	0.05	
Methane (C1)	77.6740	77.673	
Ethane (C2)	12.4540	12.454	3.3300
Propane (C3)	5.3930	5.393	1.4850
I-Butane (IC4)	0.6220	0.622	0.2030
N-Butane (NC4)	1.3530	1.353	0.4260
I-Pentane (IC5)	0.2820	0.282	0.1030
N-Pentane (NC5)	0.2920	0.292	0.1060
Hexanes Plus (C6+)	0.6490	0.649	0.2820
TOTAL	100.0000	99.9990	5.9350

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.73 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,265.6	1,245.1	1,268.5	1,248.0000

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7315	0.7292
Molecular Weight	
21.1174	

C6+ Group Properties		
Assumed Composition		
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%

Field H2S
0 PPM

**PROTREND STATUS:** Passed By Validator on May 1, 2023  
**DATA SOURCE:** Imported

**PASSED BY VALIDATOR REASON:** Close enough to be considered reasonable.

**VALIDATOR:** Rush  
**VALIDATOR COMMENTS:** OK

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 17, 2023

Source	Date	Notes
	May 1, 2023 10:11 am	Water Vapor: 60 Lbs

**Flared Volumes per Meter Readings:**

<b>4/16/2023</b>	<b>5686 MCF</b>
<b>4/17/2023</b>	<b>5774 MCF</b>
<b>4/18/2023</b>	<b>5699 MCF</b>
<b>4/19/2023</b>	<b>5735 MCF</b>
<b>4/20/2023</b>	<b>4028 MCF</b>
<b>4/21/2023</b>	<b>261 MCF</b>
<b>4/22/2023</b>	<b>767 MCF</b>
<b>4/23/2023</b>	<b>4517 MCF</b>
<b>4/24/2023</b>	<b>890 MCF</b>
<b>4/25/2023</b>	<b>2928 MCF</b>
<b>4/26/2023</b>	<b>959 MCF</b>
<b>4/27/2023</b>	<b>150 MCF</b>
<b>4/28/2023</b>	<b>611 MCF</b>
<b>4/29/2023</b>	<b>168 MCF</b>
<b>4/30/2023</b>	<b>149 MCF</b>
<b>5/1/2023</b>	<b>137 MCF</b>
<b>5/2/2023</b>	<b>347 MCF</b>
<b>5/3/2023</b>	<b>292 MCF</b>
<b>5/4/2023</b>	<b>215 MCF</b>
<b>5/5/2023</b>	<b>215 MCF</b>
<b>5/6/2023</b>	<b>95 MCF</b>
<b>5/7/2023</b>	<b>1879 MCF</b>
<b>5/8/2023</b>	<b>291 MCF</b>
<b>5/9/2023</b>	<b>81 MCF</b>
<b>5/10/2023</b>	<b>63 MCF</b>
<b>5/11/2023</b>	<b>55 MCF</b>
<b>5/12/2023</b>	<b>55 MCF</b>
<b>5/13/2023</b>	<b>55 MCF</b>

Calculated determined through flare meter at the battery.

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**District IV**  
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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 219532

**DEFINITIONS**

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 219532
	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 219532

**QUESTIONS**

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 219532
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<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	Unavailable.
Incident Facility	[fAPP2226633134] Catalina 25 30 CTB

<b>Determination of Reporting Requirements</b>	
<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	Yes
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 within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	77
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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

Action 219532

**QUESTIONS (continued)**

Operator: Tascosa Energy Partners, L.L.C 901 W. Missouri Ave Midland, TX 79701	OGRID: 329748
	Action Number: 219532
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/24/2023
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	3

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Flared   Released: 908 Mcf   Recovered: 0 Mcf   Lost: 908 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	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	Compressor and VRU Failure
Steps taken to limit the duration and magnitude of vent or flare	Close coordination with Service Contractor
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Emphasized Priority to complete Repair

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ACKNOWLEDGMENTS

Action 219532

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	Action Number: 219532
	Action Type: [C-129] Venting and/or Flaring (C-129)

**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 <b>complete</b> 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

Action 219532

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	Action Number: 219532
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
krislee	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.	5/22/2023