



**Volumetrics US Inc.**  
 3001 N Cameron St, Victoria, TX-77901  
 Phone: 361-827-4024

<b>Company:</b>	TITUS OIL AND GAS, LLC	<b>Job ID</b>	
<b>Field/Location :</b>	BRININSTOOL	<b>Sampled by:</b>	JA
<b>Station Name :</b>	WILD SALSA 323H	<b>Sample Type :</b>	SPOT-CYLINDER
<b>Station Number :</b>		<b>Sample Temperature (F):</b>	80
<b>Sample Date:</b>	6/26/21 8:50 AM	<b>Sample Pressure (PSIG):</b>	174
<b>Analysis Date:</b>	6/27/21 9:30 AM	<b>Cylinder Number:</b>	1495

**NATURAL GAS ANALYSIS: GPA 2261**

Components	Normalized Mol%	GPM 14.650	GPM 14.730	GPM 15.025
Nitrogen	1.1633			
Methane	75.2925			
Carbon Dioxide	0.0823			
Ethane	12.7981	3.417	3.435	3.504
Propane	6.3585	1.749	1.758	1.793
Isobutane	0.8648	0.283	0.284	0.290
N-butane	1.9623	0.618	0.621	0.633
Isopentane	0.4349	0.159	0.160	0.163
N-Pentane	0.4616	0.167	0.168	0.171
Hexanes Plus	0.5817	0.253	0.255	0.260
<b>Total</b>	<b>100.0000</b>			

Hexanes plus split (60%-30%-10%)

<b>Physical Properties (Calculated)</b>	<b>14.650 psia</b>	<b>14.730 psia</b>	<b>15.025 psia</b>
Total GPM Ethane+	6.645	6.681	6.815
Total GPM Iso-Pentane+	0.579	0.582	0.594
Compressibility (Z)	0.9961	0.9960	0.9960
Specific Gravity ( Air=1) @ 60 °F	0.7597	0.7597	0.7598
Molecular Weight	21.925	21.925	21.925
<b>Gross Heating Value</b>	<b>14.650 psia</b>	<b>14.730 psia</b>	<b>15.025 psia</b>
Dry, Real (BTU/Ft <sup>3</sup> )	1305.9	1313.0	1339.4
Wet, Real (BTU/Ft <sup>3</sup> )	1283.1	1290.2	1316.1
Dry, Ideal (BTU/Ft <sup>3</sup> )	1300.7	1307.8	1334.0
Wet, Ideal (BTU/Ft <sup>3</sup> )	1278.1	1285.1	1310.8

Temperature base 60 °F

**Comment:** FIELD H2S = 0 PPM

**Verified by**

Mostaq Ahammad  
 Petroleum Chemist

**Approved by**

*Deann Friend*

Deann Friend  
 Laboratory Manager

FLARING SUMMARY

Battery	Date	Total Flare Vol (mcf)	Hrs Flared	Start	End
Cattlemen CTB 17N	5/29/2022	1800	24	5/29/2022 0000	5/29/2022 2359

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**District III**  
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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 113453

**DEFINITIONS**

Operator: Titus Oil & Gas Production, LLC 420 Throckmorton St, Ste 1150 Fort Worth, TX 76012	OGRID: 373986
	Action Number: 113453
	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 113453

**QUESTIONS**

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	Action Number: 113453
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**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	[30-025-48117] CATTLEMEN FEDERAL COM #032H
Incident Facility	Not answered.

<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	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

<b>Equipment Involved</b>	
Primary Equipment Involved	Tank ( Any)
Additional details for Equipment Involved. Please specify	Diverting VRU discharge to HP flare to recover maximum gas vapor off tanks and equipment.

<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	75
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	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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Action 113453

**QUESTIONS (continued)**

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**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/29/2022
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	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other   Tank ( Any )   Natural Gas Flared   Released: 1,800 Mcf   Recovered: 0 Mcf   Lost: 1,800 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	Diverting VRU discharge to HP flare to recover maximum gas vapor off tanks and equipment.
Steps taken to limit the duration and magnitude of vent or flare	Standard PM. Worked with vendor to coordinate service time and minimize downtime
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Standard PM. No way to avoid periodic downtime to address unforeseen issues

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ACKNOWLEDGMENTS

Action 113453

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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 <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

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	Action Number: 113453
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**CONDITIONS**

Created By	Condition	Condition Date
rdelong	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.	6/3/2022