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575.397.3713 2609 W Marland Hobbs NM 88240

## C6+ Gas Analysis Report

8997G	Sioux 36 CTB	Sioux 36 CTB	
Sample Point Code	Sample Point Name	Sample Point Location	
Laboratory Services	2019026911	1852	J Harris - Spot
Source Laboratory	Lab File No	Container Identity	Sampler
USA	USA	USA	New Mexico
District	Area Name	Field Name	Facility Name
Dec 20, 2019 09:25	Dec 20, 2019 09:25	Dec 20, 2019 11:28	Dec 21, 2019
Date Sampled	Date Effective	Date Received	Date Reported
	Torrance	96 @	
Ambient Temp (°F)	Flow Rate (Mcf)	Analyst	Press PSI @ Temp °F Source Conditions
American Valve & Meter			Caza
Operator			Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.3000	0.3	
Nitrogen (N2)	1.7460	1.75128	
CO2 (CO2)	1.0200	1.02327	
Methane (C1)	73.4890	73.71011	
Ethane (C2)	12.0080	12.04417	3.2110
Propane (C3)	6.5980	6.61758	1.8170
I-Butane (IC4)	0.8260	0.82888	0.2700
N-Butane (NC4)	2.1810	2.18749	0.6870
I-Pentane (IC5)	0.5510	0.55255	0.2010
N-Pentane (NC5)	0.5400	0.54166	0.1960
Hexanes Plus (C6+)	0.7410	0.74301	0.3210
TOTAL	100.0000	100.3000	6.7030

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Dec 19, 2019

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 °F		14.73 PSI @ 60.00 °F	
Dry	Saturated	Dry	Saturated
1,307.0000	1,285.6	1,310.0000	1,288.6

Calculated Total Sample Properties	
GPA2145-16 *Calculated at Contract Conditions	
Relative Density Real	Relative Density Ideal
0.7825	0.7796
Molecular Weight	
22.5753	

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

Field H2S
3000 PPM

**PROTREND STATUS:**

Passed By Validator on Dec 23, 2019

**DATA SOURCE:**

Imported

**PASSED BY VALIDATOR REASON:**

First sample taken @ this point, composition looks reasonable

**VALIDATOR:**

Dustin Armstrong

**VALIDATOR COMMENTS:**

OK

## Caza Flared Gas Calculation Sioux 36 1H/5H

input

calculated

Date	5/12/2022
Reported Flared metered Volume (mcf)	128
Last 7 Day Avg metered Gas Production (mcf)	180.29
% of gas flared vs Produced (% mcf) & (% hrs)	71.0%
Avg Gas production per hour for 24 hrs (mcf)	7.51
number of hours flare was active (hours)	17.04

### source

pumpers text

pumpers text

prodman ctb report

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**State of New Mexico**  
**Energy, Minerals & Natural Resources Department**  
**OIL CONSERVATION DIVISION**  
**1220 South St. Francis Dr.**  
**Santa Fe, New Mexico 87505**

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-43752</b>	Pool Code <b>17980</b>	Pool Name <b>Dogie Draw; Wolfcamp</b>
Property Code <b>317657</b>	Property Name <b>SIOUX 36 STATE</b>	Well Number <b>1H</b>
OGRID No. <b>249099</b>	Operator Name <b>CAZA OPERATING, LLC</b>	Elevation <b>3107'</b>

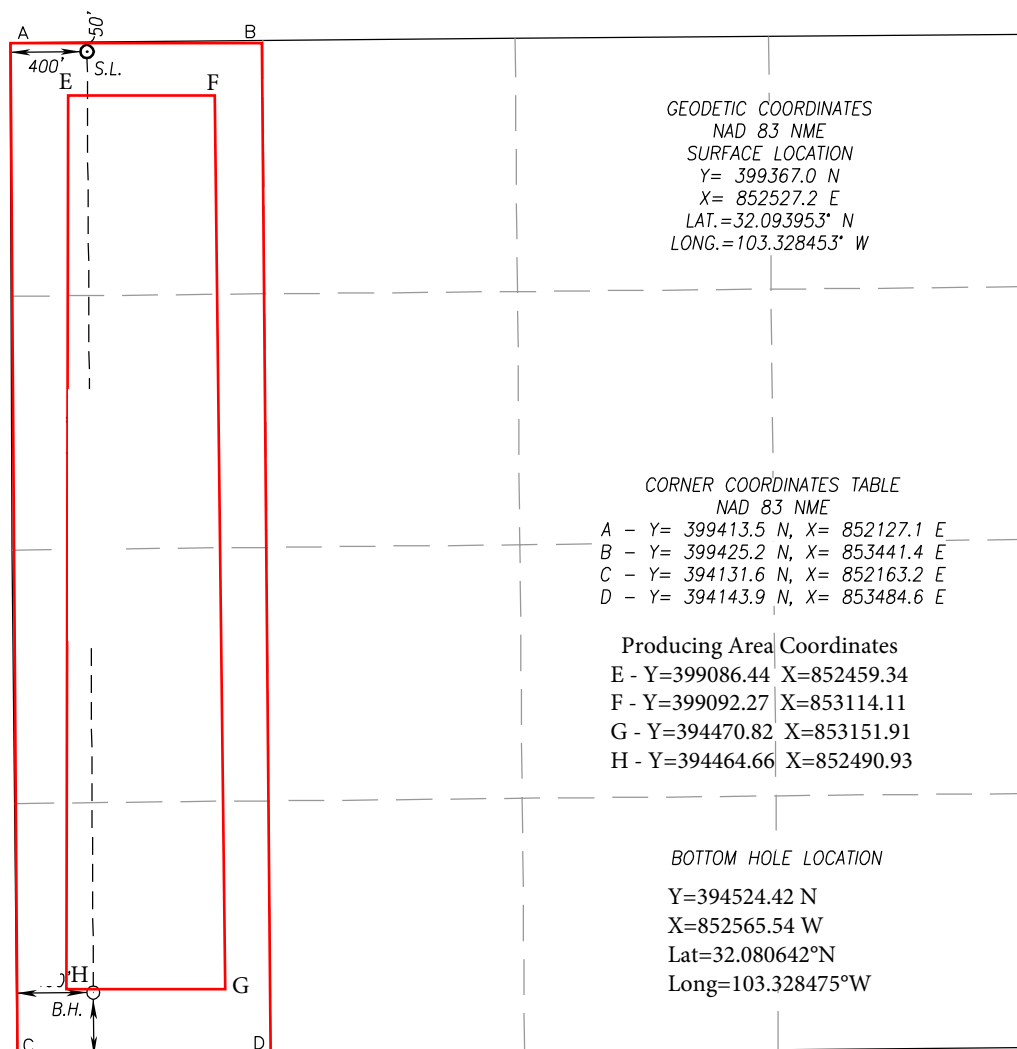
#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>36</b>	<b>25-S</b>	<b>35-E</b>		<b>50</b>	<b>NORTH</b>	<b>400</b>	<b>WEST</b>	<b>LEA</b>

#### Bottom Hole Location If Different From Surface

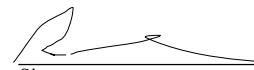
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>M</b>	<b>36</b>	<b>25-S</b>	<b>35-E</b>		<b>382.5</b>	<b>SOUTH</b>	<b>390</b>	<b>WEST</b>	<b>LEA</b>
Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code	Order No.						

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



#### OPERATOR CERTIFICATION

*I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

 **09/26/2017**  
Signature Date

**Steve Morris**  
Printed Name


**steve.morris@mojoenergy.com**  
E-mail Address

#### SURVEYOR CERTIFICATION

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

**APRIL 5 2017**

Date of Survey  
Signature of Professional Surveyor:

  
**RONALD J. EIDSON**  
REGISTERED PROFESSIONAL SURVEYOR  
**3239**  
**APR 13 2017**

Certificate Number Gary G. Eidson 12641  
Ronald J. Eidson 3239

ACK JWSC W.O.: 17.11.0271

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

DEFINITIONS  
  
Action 117506

DEFINITIONS

Operator:  CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:  249099
	Action Number:  117506
	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 117506

**QUESTIONS**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 117506
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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	[30-025-43752] SIOUX 36 STATE #001H
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	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, minor 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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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

<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	73
Nitrogen (N2) percentage, if greater than one percent	2
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 117506

QUESTIONS (continued)

Operator:  CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:  249099
	Action Number:  117506
	Action Type:  [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/12/2022
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   Gas Plant   Natural Gas Flared   Released: 128 Mcf   Recovered: 0 Mcf   Lost: 128 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[24650] TARGA MIDSTREAM SERVICES LLC
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	Downstream operator had gas plant shut-in. This event was beyond the control of operator. No choice but to flare.
Steps taken to limit the duration and magnitude of vent or flare	Minimal mcf flared.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Downstream operator had gas plant shut-in. This event was beyond the control of operator. No choice but to flare.

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ACKNOWLEDGMENTS

Action 117506

**ACKNOWLEDGMENTS**

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	Action Number: 117506
	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 117506

**CONDITIONS**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 117506
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
tberry	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.	6/15/2022