



Athens, TX (903) 677-0700 | Beeville, TX (361) 354-5200 | Midland, TX (432) 704-5351 | Pauls Valley, OK (405) 926-8779

C6+ Gas Analysis Report | Sample Date: 3/4/2025

Lab Report Number: WT50910305251001midland

Customer: BTA Oil Producers - Barstow-Pyote

Date On: 3/4/2025

Station Number: 12805-04

Date Off: 3/4/2025

Station Name: CAPITAN CHARLIE 14H

Analyzed: 3/5/2025

Producer: BTA

Effective: 3/1/2025

Component	Mole%	GPM	Mass%
H2S	0.000		0.000
Oxygen	0.004		0.005
Nitrogen	1.902		1.897
Carbon Dioxide	0.355		0.556
Methane	58.708		33.541
Ethane	17.240	4.616	18.462
Propane	10.990	3.031	17.258
I-Butane	1.175	0.385	2.432
N-Butane	3.691	1.165	7.641
I-Pentane	0.880	0.322	2.260
N-Pentane	1.107	0.402	2.845
Hexane Plus	3.948	1.725	13.103
Total	100.000	11.646	100.000

ALL VALUES ARE CALCULATED AT 14.65 PSIA 60 F

Real Dry Relative Density: 0.9758

H2O (lbs/MMcf):

Dry (BTU/cf): 1621.4

H2S (ppm): 0

Saturated (BTU/cf): 1593.9

CO2 (%):

As-Delivered (BTU/cf): 1604.6

Sample (psig): 90

Molar Mass: 28.079

Sample (F): 104

Flow Rate (Mcf/d):

Sample Type:

Spot

Cylinder No: WT5091

Sampled By: Jimmy Petree

Location:

Lovington

County/State: NM

Notes:



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C6+ Gas Analysis Report | Sample Date: 3/4/2025

Lab Report Number: HM-9230M0305250949midland

Customer: BTA Oil Producers - Barstow-Pyote

Date On: 3/4/2025

Station Number: 12825-03

Date Off: 3/4/2025

Station Name: CAPITAN CHARLIE 20H

Analyzed: 3/5/2025

Producer: BTA

Effective: 3/1/2025

Component	Mole%	GPM	Mass%
H2S	0.000		0.000
Oxygen	0.004		0.005
Nitrogen	2.046		2.077
Carbon Dioxide	0.344		0.549
Methane	59.912		34.827
Ethane	17.039	4.561	18.567
Propane	10.174	2.806	16.257
I-Butane	1.188	0.389	2.503
N-Butane	3.563	1.124	7.505
I-Pentane	0.957	0.350	2.503
N-Pentane	1.199	0.435	3.136
Hexane Plus	3.574	1.561	12.071
Total	100.000	11.226	100.000

ALL VALUES ARE CALCULATED AT 14.65 PSIA 60 F

Real Dry Relative Density: 0.9587

H2O (lbs/MMcf):

Dry (BTU/cf): 1592.8

H2S (ppm): 1

Saturated (BTU/cf): 1565.7

CO2 (%):

As-Delivered (BTU/cf): 1584.2

Sample (psig): 81

Molar Mass: 27.595

Sample (F): 80

Flow Rate (Mcf/d):

Sample Type:

Spot

Cylinder No: HM-9230M

Sampled By: Jimmy Petree

Location:

Lovington

County/State: NM

Notes:



Capitan Charlie Flare Meter

3/14/2025

1280

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 444274

DEFINITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 444274
	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 444274

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 444274
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2505532189] Capitan Charlie 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	Producing Well
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	59
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	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

Action 444274

QUESTIONS (continued)

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	Action Number: 444274
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/14/2025
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: Initial Flowback Producing Well Natural Gas Flared Released: 1,280 Mcf Recovered: 0 Mcf Lost: 1,280 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	Initial flowback phase
Steps taken to limit the duration and magnitude of vent or flare	Well is producing through a choke valve manifold to limit flare volume.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The well is in initial flowback phase. As soon as it's feasible, the well will be routed through a production facility

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ACKNOWLEDGMENTS

Action 444274

ACKNOWLEDGMENTS

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	Action Number: 444274
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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 444274

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 444274
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
vanessa king	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.	3/20/2025