



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
Location: Lovington
Notes:

Cylinder No: WT5091

Sampled By: Jimmy Petree
County/State: NM



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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 Charli Flare Meter

4/24/2025

235

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 457669

DEFINITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 457669
	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 457669

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 457669
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	Unavailable.
Incident Facility	[fAPP2505532189] Capitan Charlie Battery

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	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, 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 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	Gas Compressor Station
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 457669

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 457669
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/24/2025
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	01:00 PM
Cumulative hours during this event	4

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: 235 Mcf Recovered: 0 Mcf Lost: 235 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	Unexpected failure of gas compressor station
Steps taken to limit the duration and magnitude of vent or flare	Calling Mechanic to troubleshoot/fix issue
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Will monitor

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ACKNOWLEDGMENTS

Action 457669

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	Action Number: 457669
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	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 complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	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.
☒	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.
☒	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 457669

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 457669
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
vanessa king	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.	5/1/2025