



Athens, TX (903) 677-0700 . Beeville, TX (361) 354-5200 . Midland, TX (432) 704-5351

### GAS ANALYSIS REPORT

LAB REPORT NUMBER: 8093-04-042821-10 - 04022021

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	4/28/2021
STATION:	80937265	DATE ON:	4/2/2021
PRODUCER:	BTA OIL PRODUCERS	DATE OFF:	
LEASE:	HARROUN #2 C-M	SAMPLED BY	JR
EFFECTIVE DATE:	4/1/2021		

<u>COMPONENT:</u>	<u>MOLE %</u>	<u>GPM</u>	<u>WT. %</u>
H2S	0.000		0.000
OXYGEN	0.003		0.005
NITROGEN	0.750		1.003
CARBON DIOXIDE	0.095		0.200
METHANE	80.854		61.902
ETHANE	10.350	2.762	14.852
PROPANE	3.911	1.075	8.230
I-BUTANE	0.646	0.211	1.792
N-BUTANE	1.324	0.417	3.673
I-PENTANE	0.407	0.149	1.401
N-PENTANE	0.439	0.159	1.512
HEXANE PLUS	<u>1.221</u>	<u>0.529</u>	<u>5.430</u>
<b>TOTAL</b>	<b>100.000</b>	<b>5.301</b>	<b>100.000</b>

**(ALL VALUES CALCULATED @ 14.65 PSIA + 60 DEG. F)**

REAL GRAVITY	0.7258	BTU WET BASIS	1238.00
MOL WT.	20.954	BTU DRY BASIS	1259.53
H2S PPM:	2.000	CO2 %:	

SAMPLE TYPE	SPOT	SAMPLE PRESS:	65
CYLINDER NO	1021	SAMPLE TEMP:	87
NOTES	SPOT	COUNTY/STATE:	EDDY, NM

5/1/2021



Harroun West Flare Meter 1

7/16/2024

5691

**District I**  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

DEFINITIONS

Action 366949

**DEFINITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 366949
	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 366949

**QUESTIONS**

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	Action Number: 366949
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**QUESTIONS**

**Prerequisites**

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2129830816] Harroun Ranch West

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.

**Determination of Reporting Requirements**

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

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.

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.

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	Other (Specify)
Additional details for Equipment Involved. Please specify	Not answered.

**Representative Compositional Analysis of Vented or Flared Natural Gas**

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	81
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	2
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

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 366949

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 366949
	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	07/16/2024
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: Liquids Unloading   Separator   Natural Gas Flared   Released: 5,691 Mcf   Recovered: 0 Mcf   Lost: 5,691 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	The battery was destroyed in a fire and the wells were shut in. Reconstructing the battery has been delayed due to clean up plan approval needed from NMOCD. The lease for the wells will expire due to cessation of prod. In excess of 90 days. BTA must show oil prod. from wells to keep lease from expiring. There's no sales point to sell gas until battery is reconstructed.
Steps taken to limit the duration and magnitude of vent or flare	The wells will only be produced long enough to avoid expiration of the lease.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Once the lease is extended, this will give BTA enough time to complete reconstruction of the battery and sell gas again.



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ACKNOWLEDGMENTS

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**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<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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**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.	7/24/2024