HOWARD

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GAS ANALYSIS REPORT

LAB REPORT NUMBER: PV-374 - 02022023

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	2/2/2023
STATION:	2022120601	DATE ON:	2/2/2023
PRODUCER:		DATE OFF:	
LEASE:	BLUEBELL VRU 1	SAMPLED BY	Randall Douglas
EFFECTIVE DATE:	2/1/2023		

COMPONENT:	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.002		0.002
NITROGEN	0.152		0.103
CARBON DIOXIDE	0.160		0.170
METHANE	15.881		6.139
ETHANE	23.313	6.299	16.890
PROPANE	33.478	9.319	35.569
I-BUTANE	4.602	1.522	6.445
N-BUTANE	15.053	4.795	21.081
I-PENTANE	2.772	1.024	4.819
N-PENTANE	2.992	1.096	5.201
HEXANE PLUS	1.595	0.699	3.581
TOTAL	**100.000**	**24.754**	**100.000**

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

REAL GRAVITY	1.4555	BTU WET BASIS	2358.86
MOL WT.	41.503	BTU DRY BASIS	2399.53
H2S PPM:	0.000	CO2 %:	
SAMPLE TYPE	SPOT	SAMPLE PRESS:	133
CYLINDER NO	PV-374	SAMPLE TEMP:	123
NOTES		COUNTY/STATE:	

2/2/2023

HOWARD

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GAS ANALYSIS REPORT

LAB REPORT NUMBER: PV-302 - 02022023

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	2/2/2023
STATION:	2022120603	DATE ON:	2/2/2023
PRODUCER:		DATE OFF:	
LEASE:	BLUEBELL CM 2	SAMPLED BY	Randall Douglas
EFFECTIVE DATE:	2/1/2023		

COMPONENT:	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.003		0.004
NITROGEN	2.088		2.399
CARBON DIOXIDE	0.276		0.498
METHANE	64.463		42.415
ETHANE	17.627	4.710	21.739
PROPANE	10.122	2.786	18.306
I-BUTANE	0.921	0.301	2.196
N-BUTANE	2.695	0.849	6.424
I-PENTANE	0.480	0.175	1.420
N-PENTANE	0.539	0.195	1.595
HEXANE PLUS	0.786	0.341	3.004
TOTAL	**100.000**	**9.358**	**100.000**

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

REAL GRAVITY	0.8456	BTU WET BASIS	1395.03
MOL WT.	24.382	BTU DRY BASIS	1419.24
H2S PPM:	0.000	CO2 %:	
SAMPLE TYPE	SPOT	SAMPLE PRESS:	130
CYLINDER NO	PV-302	SAMPLE TEMP:	86
NOTES		COUNTY/STATE:	

2/2/2023

HOWARD

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GAS ANALYSIS REPORT

LAB REPORT NUMBER: HMOK 7052 - 02022023

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	2/2/2023
STATION:	2022120503	DATE ON:	2/2/2023
PRODUCER:		DATE OFF:	
LEASE:	BLUEBELL VRU 2	SAMPLED BY	Randall Douglas
EFFECTIVE DATE:	2/1/2023		

COMPONENT:	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.004		0.003
NITROGEN	0.052		0.031
CARBON DIOXIDE	0.110		0.105
METHANE	7.471		2.589
ETHANE	19.826	5.380	12.878
PROPANE	37.130	10.380	35.369
I-BUTANE	5.537	1.839	6.952
N-BUTANE	18.997	6.077	23.852
I-PENTANE	3.784	1.404	5.898
N-PENTANE	4.287	1.577	6.682
HEXANE PLUS	2.802	1.234	5.641
TOTAL	**100.000**	**27.891**	**100.000**

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

REAL GRAVITY	1.6305	BTU WET BASIS	2627.71
MOL WT.	46.291	BTU DRY BASIS	2673.04
H2S PPM:	0.000	CO2 %:	
SAMPLE TYPE	SPOT	SAMPLE PRESS:	131
CYLINDER NO	HMOK 7052	SAMPLE TEMP:	168
NOTES		COUNTY/STATE:	

2/2/2023

HOWARD

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GAS ANALYSIS REPORT

LAB REPORT NUMBER: E290 - 02022023

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	2/2/2023
STATION:	2022120602	DATE ON:	2/2/2023
PRODUCER:		DATE OFF:	
LEASE:	BLUEBELL CM 1	SAMPLED BY	Randall Douglas
EFFECTIVE DATE:	2/1/2023		

COMPONENT:	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.008		0.010
NITROGEN	2.094		2.384
CARBON DIOXIDE	0.277		0.495
METHANE	64.353		41.956
ETHANE	17.530	4.685	21.421
PROPANE	9.894	2.724	17.730
I-BUTANE	0.900	0.294	2.126
N-BUTANE	2.725	0.859	6.437
I-PENTANE	0.525	0.192	1.539
N-PENTANE	0.600	0.217	1.759
HEXANE PLUS	1.094	0.474	4.143
TOTAL	**100.000**	**9.445**	**100.000**

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

REAL GRAVITY	0.8535	BTU WET BASIS	1406.80
MOL WT.	24.607	BTU DRY BASIS	1431.20
H2S PPM:	0.000	CO2 %:	
SAMPLE TYPE	SPOT	SAMPLE PRESS:	129
CYLINDER NO	E290	SAMPLE TEMP:	93
NOTES		COUNTY/STATE:	

2/2/2023

HOWARD

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GAS ANALYSIS REPORT

LAB REPORT NUMBER: 1070 - 02022023

PHYSICAL CONSTANTS PER GPA 2145-16

CUSTOMER:	BTA OIL PRODUCERS LLC	DATE ANALYZED:	2/2/2023
STATION:	2022120502	DATE ON:	2/2/2023
PRODUCER:		DATE OFF:	
LEASE:	BLUEBELL HTR 2	SAMPLED BY	Randall Douglas
EFFECTIVE DATE:	2/1/2023		

COMPONENT:	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.003		0.002
NITROGEN	0.365		0.263
CARBON DIOXIDE	0.235		0.266
METHANE	24.726		10.187
ETHANE	25.023	6.750	19.323
PROPANE	26.935	7.484	30.501
I-BUTANE	3.169	1.046	4.730
N-BUTANE	10.243	3.257	15.289
I-PENTANE	2.301	0.849	4.263
N-PENTANE	2.917	1.066	5.405
HEXANE PLUS	4.083	1.787	9.771
TOTAL	**100.000**	**22.239**	**100.000**

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

REAL GRAVITY	1.3632	BTU WET BASIS	2212.70
MOL WT.	38.940	BTU DRY BASIS	2250.86
H2S PPM:	0.000	CO2 %:	
SAMPLE TYPE	SPOT	SAMPLE PRESS:	55
CYLINDER NO	1070	SAMPLE TEMP:	55
NOTES		COUNTY/STATE:	

2/2/2023

Bluebell/Big Piney Flare Meter	12/27/2023	730

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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 301066
	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 301066

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 301066
	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	**[fAPP2302652773] Bluebell**
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 addional 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 withing 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	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	16
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 301066
	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	12/27/2023
Time vent or flare was discovered or commenced	03:00 AM
Time vent or flare was terminated	01:00 PM
Cumulative hours during this event	10

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: 730 Mcf | Recovered: 0 Mcf | Lost: 730 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	[36785] DCP OPERATING COMPANY, LP
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	Unexpected failure of Purchaser's gas compressor station
Steps taken to limit the duration and magnitude of vent or flare	Working with purchaser until issue is resolved
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Working with purchaser until issue is resolved

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ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 301066
	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

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 301066
	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.	1/8/2024