

April 19, 2022

**FESCO, Ltd.**  
**1100 Fesco Ave. - Alice, Texas 78332**

**For:** Tap Rock Operating LLC  
 523 Park Point Drive, Suite 200  
 Golden, Colorado 80401

**Sample:** Coonskin Fee No. 111H  
 First Stage Separator  
 Spot Gas Sample @ 140 psig & 100 °F

Date Sampled: 04/07/2022

Job Number: 221751.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286**

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	1.000	
Nitrogen	1.340	
Carbon Dioxide	10.855	
Methane	68.908	
Ethane	8.741	2.394
Propane	4.650	1.312
Isobutane	0.821	0.275
n-Butane	1.728	0.558
2-2 Dimethylpropane	0.025	0.010
Isopentane	0.585	0.219
n-Pentane	0.507	0.188
Hexanes	0.394	0.166
Heptanes Plus	<u>0.446</u>	<u>0.182</u>
Totals	100.000	5.304

**Computed Real Characteristics Of Heptanes Plus:**

Specific Gravity -----	3.337	(Air=1)
Molecular Weight -----	96.26	
Gross Heating Value -----	5161	BTU/CF

**Computed Real Characteristics Of Total Sample:**

Specific Gravity -----	0.842	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	24.28	
Gross Heating Value		
Dry Basis -----	1174	BTU/CF
Saturated Basis -----	1154	BTU/CF

\*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)  
 Results: 628.9 Gr/100 CF, 10000 PPMV or 1.000 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (24) D. Morales  
 Analyst: KV  
 Processor: KV  
 Cylinder ID: T-3979

Certified: FESCO, Ltd. - Alice, Texas

\_\_\_\_\_  
 Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 221751.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286  
TOTAL REPORT**

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	1.000		1.403
Nitrogen	1.340		1.546
Carbon Dioxide	10.855		19.673
Methane	68.908		45.524
Ethane	8.741	2.394	10.824
Propane	4.650	1.312	8.444
Isobutane	0.821	0.275	1.965
n-Butane	1.728	0.558	4.136
2,2 Dimethylpropane	0.025	0.010	0.074
Isopentane	0.585	0.219	1.738
n-Pentane	0.507	0.188	1.506
2,2 Dimethylbutane	0.005	0.002	0.018
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.041	0.017	0.146
2 Methylpentane	0.123	0.052	0.437
3 Methylpentane	0.082	0.034	0.291
n-Hexane	0.143	0.060	0.507
Methylcyclopentane	0.054	0.020	0.187
Benzene	0.020	0.006	0.064
Cyclohexane	0.069	0.024	0.239
2-Methylhexane	0.019	0.009	0.078
3-Methylhexane	0.023	0.011	0.095
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.035	0.016	0.143
n-Heptane	0.036	0.017	0.149
Methylcyclohexane	0.052	0.021	0.210
Toluene	0.052	0.018	0.197
Other C8's	0.037	0.018	0.168
n-Octane	0.011	0.006	0.052
Ethylbenzene	0.000	0.000	0.000
M & P Xylenes	0.013	0.005	0.057
O-Xylene	0.003	0.001	0.013
Other C9's	0.018	0.009	0.094
n-Nonane	0.003	0.002	0.016
Other C10's	0.000	0.000	0.000
n-Decane	0.001	0.001	0.006
Undecanes (11)	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
Totals	100.000	5.304	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.842	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	24.28	
Gross Heating Value		
Dry Basis -----	1174	BTU/CF
Saturated Basis -----	1154	BTU/CF

April 19, 2022

**FESCO, Ltd.**  
**1100 Fesco Ave. - Alice, Texas 78332**

**Sample:** Coonskin Fee No. 111H  
 First Stage Separator  
 Spot Gas Sample @ 140 psig & 100 °F

Date Sampled: 04/07/2022

Job Number: 221751.001

**GLYCALC FORMAT**

<b>COMPONENT</b>	<b>MOL%</b>	<b>GPM</b>	<b>Wt %</b>
Carbon Dioxide	10.855		19.673
Hydrogen Sulfide	1.000		1.403
Nitrogen	1.340		1.546
Methane	68.908		45.524
Ethane	8.741	2.394	10.824
Propane	4.650	1.312	8.444
Isobutane	0.821	0.275	1.965
n-Butane	1.753	0.568	4.210
Isopentane	0.585	0.219	1.738
n-Pentane	0.507	0.188	1.506
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.143	0.060	0.507
Cyclohexane	0.069	0.024	0.239
Other C6's	0.251	0.106	0.892
Heptanes	0.167	0.072	0.652
Methylcyclohexane	0.052	0.021	0.210
2,2,4 Trimethylpentane	0.000	0.000	0.000
Benzene	0.020	0.006	0.064
Toluene	0.052	0.018	0.197
Ethylbenzene	0.000	0.000	0.000
Xylenes	0.016	0.006	0.070
Octanes Plus	<u>0.070</u>	<u>0.035</u>	<u>0.336</u>
Totals	100.000	5.304	100.000

**Real Characteristics Of Octanes Plus:**

Specific Gravity ----- 4.029 (Air=1)  
 Molecular Weight ----- 116.20  
 Gross Heating Value ----- 6110 BTU/CF

**Real Characteristics Of Total Sample:**

Specific Gravity ----- 0.842 (Air=1)  
 Compressibility (Z) ----- 0.9958  
 Molecular Weight ----- 24.28  
 Gross Heating Value  
 Dry Basis ----- 1174 BTU/CF  
 Saturated Basis ----- 1154 BTU/CF

April 20, 2022

**FESCO, Ltd.**  
**1100 FESCO Avenue - Alice, Texas 78332**

**For:** Tap Rock Operating LLC  
 523 Park Point Drive, Suite 200  
 Golden, Colorado 80401

**Sample:** Coonskin Fee No. 111H  
 First Stage Separator Hydrocarbon Liquid  
 Sampled @ 140 psig & 100° F

Date Sampled: 04/07/2022

Job Number: 221751.002

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2186-M**

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.043	0.008	0.008
Carbon Dioxide	0.899	0.257	0.264
Methane	3.375	0.957	0.361
Ethane	2.230	0.998	0.448
Propane	3.552	1.637	1.045
Isobutane	1.328	0.727	0.515
n-Butane	4.111	2.168	1.595
2,2 Dimethylpropane	0.045	0.029	0.022
Isopentane	3.162	1.935	1.522
n-Pentane	3.548	2.151	1.708
2,2 Dimethylbutane	0.053	0.037	0.030
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.562	0.385	0.323
2 Methylpentane	1.996	1.386	1.148
3 Methylpentane	1.476	1.008	0.849
n-Hexane	3.257	2.241	1.873
Heptanes Plus	<u>70.363</u>	<u>84.078</u>	<u>88.289</u>
Totals:	100.000	100.000	100.000

**Characteristics of Heptanes Plus:**

Specific Gravity ----- 0.8341 (Water=1)  
 °API Gravity ----- 38.14 @ 60°F  
 Molecular Weight ----- 188.0  
 Vapor Volume ----- 13.73 CF/Gal  
 Weight ----- 6.95 Lbs/Gal

**Characteristics of Total Sample:**

Specific Gravity ----- 0.7943 (Water=1)  
 °API Gravity ----- 46.64 @ 60°F  
 Molecular Weight ----- 149.8  
 Vapor Volume ----- 16.40 CF/Gal  
 Weight ----- 6.62 Lbs/Gal

Base Conditions: 15.025 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (24) D. Morales  
 Analyst: JL  
 Processor: HHdjv  
 Cylinder ID: W-0294

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 221751.002

**TANKS DATA INPUT REPORT - GPA 2186-M**

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.899	0.257	0.264
Nitrogen	0.043	0.008	0.008
Methane	3.375	0.957	0.361
Ethane	2.230	0.998	0.448
Propane	3.552	1.637	1.045
Isobutane	1.328	0.727	0.515
n-Butane	4.156	2.197	1.616
Isopentane	3.162	1.935	1.522
n-Pentane	3.548	2.151	1.708
Other C-6's	4.086	2.815	2.350
Heptanes	7.411	5.110	4.627
Octanes	8.452	6.402	6.015
Nonanes	4.916	4.388	4.159
Decanes Plus	40.633	62.714	67.545
Benzene	0.412	0.193	0.215
Toluene	3.604	2.019	2.216
E-Benzene	1.171	0.756	0.829
Xylenes	3.484	2.251	2.468
n-Hexane	3.257	2.241	1.873
2,2,4 Trimethylpentane	<u>0.280</u>	<u>0.244</u>	<u>0.214</u>
Totals:	100.000	100.000	100.000

**Characteristics of Total Sample:**

Specific Gravity -----	0.7943	(Water=1)
°API Gravity -----	46.64	@ 60°F
Molecular Weight-----	149.8	
Vapor Volume -----	16.40	CF/Gal
Weight -----	6.62	Lbs/Gal

**Characteristics of Decanes (C10) Plus:**

Specific Gravity -----	0.8555	(Water=1)
Molecular Weight-----	249.1	

**Characteristics of Atmospheric Sample:**

°API Gravity -----	42.83	@ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	8.43	psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-0294*	-----
Pressure, PSIG	140	140	-----
Skin Temperature, °F	100	100	-----

\* Sample used for analysis

FESCO, Ltd.

Job Number: 221751.002

**TOTAL EXTENDED REPORT - GPA 2186-M**

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.043	0.008	0.008
Carbon Dioxide	0.899	0.257	0.264
Methane	3.375	0.957	0.361
Ethane	2.230	0.998	0.448
Propane	3.552	1.637	1.045
Isobutane	1.328	0.727	0.515
n-Butane	4.111	2.168	1.595
2,2 Dimethylpropane	0.045	0.029	0.022
Isopentane	3.162	1.935	1.522
n-Pentane	3.548	2.151	1.708
2,2 Dimethylbutane	0.053	0.037	0.030
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.562	0.385	0.323
2 Methylpentane	1.996	1.386	1.148
3 Methylpentane	1.476	1.008	0.849
n-Hexane	3.257	2.241	1.873
Methylcyclopentane	1.137	0.673	0.638
Benzene	0.412	0.193	0.215
Cyclohexane	1.900	1.082	1.067
2-Methylhexane	1.068	0.831	0.714
3-Methylhexane	0.906	0.696	0.606
2,2,4 Trimethylpentane	0.280	0.244	0.214
Other C-7's	0.523	0.380	0.346
n-Heptane	1.877	1.448	1.255
Methylcyclohexane	3.050	2.051	1.999
Toluene	3.604	2.019	2.216
Other C-8's	3.797	2.975	2.793
n-Octane	1.605	1.375	1.223
E-Benzene	1.171	0.756	0.829
M & P Xylenes	2.704	1.756	1.916
O-Xylene	0.780	0.496	0.552
Other C-9's	3.614	3.163	3.045
n-Nonane	1.302	1.225	1.114
Other C-10's	4.816	4.631	4.540
n-decane	1.247	1.281	1.184
Undecanes(11)	4.403	4.344	4.319
Dodecanes(12)	3.125	3.331	3.358
Tridecanes(13)	3.189	3.644	3.724
Tetradecanes(14)	2.818	3.449	3.573
Pentadecanes(15)	2.484	3.257	3.415
Hexadecanes(16)	1.972	2.763	2.921
Heptadecanes(17)	1.708	2.530	2.701
Octadecanes(18)	1.641	2.560	2.749
Nonadecanes(19)	1.612	2.620	2.830
Eicosanes(20)	1.236	2.089	2.269
Heneicosanes(21)	1.035	1.840	2.010
Docosanes(22)	0.950	1.759	1.933
Tricosanes(23)	0.816	1.568	1.732
Tetracosanes(24)	0.724	1.441	1.600
Pentacosanes(25)	0.651	1.344	1.499
Hexacosanes(26)	0.591	1.264	1.416
Heptacosanes(27)	0.572	1.269	1.428
Octacosanes(28)	0.476	1.092	1.234
Nonacosanes(29)	0.442	1.047	1.186
Triacosanes(30)	0.403	0.984	1.119
Hentriacontanes Plus(31+)	<u>3.723</u>	<u>12.607</u>	<u>14.806</u>
Total	100.000	100.000	100.000

April 20, 2022

**FESCO, Ltd.**  
**1100 Fesco Avenue - Alice, Texas 78332**

**For:** Tap Rock Operating LLC  
 523 Park Point Drive, Suite 200  
 Golden, Colorado 80401

**Date Sampled:** 04/07/22

**Date Analyzed:** 04/18/22

**Sample:** Coonskin Fee No. 111H

**Job Number:** J221751

FLASH LIBERATION OF HYDROCARBON LIQUID		
	Separator HC Liquid	Stock Tank
Pressure, psig	140	0
Skin Temperature, °F	100	70
Gas Oil Ratio (1)	-----	71.3
Gas Specific Gravity (2)	-----	1.293
Separator Volume Factor (3)	1.0725	1.000

STOCK TANK FLUID PROPERTIES	
Shrinkage Recovery Factor (4)	0.9324
Oil API Gravity at 60 °F	42.83
Reid Vapor Pressure Equivalent (D-6377), psi (5)	8.43

Quality Control Check			
	Sampling Conditions	Test Samples	
Cylinder No.	-----	W-0294*	-----
Pressure, psig	140	140	-----
Temperature, °F	100	100	-----

(1) - Scf of flashed vapor per barrel of stock tank oil

(2) - Air = 1.000

(3) - Separator volume / Stock tank volume

(4) - Fraction of first stage separator liquid

(5) - Absolute pressure at 100 deg F

Analyst:                     E.T. III                    

\* Sample used for flash study

**Base Conditions: 15.025 PSI & 60 °F**

Certified: FESCO, Ltd.     -     Alice, Texas

\_\_\_\_\_  
 Conan Pierce 361-661-7015

April 19, 2022

**FESCO, Ltd.**  
**1100 Fesco Ave. - Alice, Texas 78332**

**For:** Tap Rock Operating LLC  
 523 Park Point Drive, Suite 200  
 Golden, Colorado 80401

**Sample:** Coonskin Fee No. 111H  
 Gas Evolved from Hydrocarbon Liquid Flashed  
 From 140 psig & 100 °F to 0 psig & 70 °F

Date Sampled: 04/07/2022

Job Number: 221751.011

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286**

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	0.400	
Nitrogen	0.415	
Carbon Dioxide	9.204	
Methane	33.038	
Ethane	17.690	4.881
Propane	17.922	5.094
Isobutane	3.916	1.322
n-Butane	8.733	2.841
2-2 Dimethylpropane	0.053	0.021
Isopentane	2.976	1.123
n-Pentane	2.494	0.933
Hexanes	1.690	0.718
Heptanes Plus	<u>1.469</u>	<u>0.595</u>
Totals	100.000	17.527

**Computed Real Characteristics Of Heptanes Plus:**

Specific Gravity -----	3.296	(Air=1)
Molecular Weight -----	94.35	
Gross Heating Value -----	5076	BTU/CF

**Computed Real Characteristics Of Total Sample:**

Specific Gravity -----	1.293	(Air=1)
Compressibility (Z) -----	0.9884	
Molecular Weight -----	37.00	
Gross Heating Value		
Dry Basis -----	1952	BTU/CF
Saturated Basis -----	1918	BTU/CF

\*Hydrogen Sulfide tested in laboratory by: Stain Tube Method (GPA 2377)  
 Results: 251.6 Gr/100 CF, 4000 PPMV or 0.400 Mol %

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (16) ET III  
 Analyst: KV  
 Processor: KV  
 Cylinder ID: FL-13S

Certified: FESCO, Ltd. - Alice, Texas

\_\_\_\_\_  
 Conan Pierce 361-661-7015



FESCO, Ltd.

Job Number: 221751.011

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286  
TOTAL REPORT**

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	0.400		0.368
Nitrogen	0.415		0.314
Carbon Dioxide	9.204		10.946
Methane	33.038		14.325
Ethane	17.690	4.881	14.374
Propane	17.922	5.094	21.356
Isobutane	3.916	1.322	6.151
n-Butane	8.733	2.841	13.717
2,2 Dimethylpropane	0.053	0.021	0.103
Isopentane	2.976	1.123	5.802
n-Pentane	2.494	0.933	4.863
2,2 Dimethylbutane	0.025	0.011	0.058
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.183	0.077	0.426
2 Methylpentane	0.531	0.227	1.237
3 Methylpentane	0.352	0.148	0.820
n-Hexane	0.599	0.254	1.395
Methylcyclopentane	0.217	0.079	0.494
Benzene	0.077	0.022	0.163
Cyclohexane	0.268	0.094	0.610
2-Methylhexane	0.068	0.033	0.184
3-Methylhexane	0.080	0.038	0.217
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.130	0.058	0.348
n-Heptane	0.115	0.055	0.311
Methylcyclohexane	0.169	0.070	0.448
Toluene	0.145	0.050	0.361
Other C8's	0.099	0.048	0.295
n-Octane	0.026	0.014	0.080
Ethylbenzene	0.012	0.005	0.034
M & P Xylenes	0.023	0.009	0.066
O-Xylene	0.005	0.002	0.014
Other C9's	0.030	0.016	0.102
n-Nonane	0.004	0.002	0.014
Other C10's	0.000	0.000	0.000
n-Decane	0.001	0.001	0.004
Undecanes (11)	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
Totals	100.000	17.527	100.000

**Computed Real Characteristics Of Total Sample:**

Specific Gravity -----	1.293	(Air=1)
Compressibility (Z) -----	0.9884	
Molecular Weight -----	37.00	
Gross Heating Value		
Dry Basis -----	1952	BTU/CF
Saturated Basis -----	1918	BTU/CF

Flaring Summary

date » (Column Names)

Data table:  
flare\_report\_data (2)  
Colors:  
All values

battery	
	12/24/2022
Coonskin CTB	126.50
Grand total	126.50

battery

Sum(TOTAL FLARE (HP + LP))

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 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

Action 173685

**DEFINITIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 173685
	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.

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 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**

QUESTIONS

Action 173685

**QUESTIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 173685
	Action Type: [C-129] Venting and/or Flaring (C-129)

**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	Unavailable.
Incident Facility	[fAPP2208332104] Coonskin CTB

<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	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

<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	69
Nitrogen (N2) percentage, if greater than one percent	1
Hydrogen Sulfide (H2S) PPM, rounded up	10,000
Carbon Dioxide (CO2) percentage, if greater than one percent	11
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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**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 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**

**QUESTIONS (continued)**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 173685
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/24/2022
Time vent or flare was discovered or commenced	12:01 AM
Time vent or flare was terminated	11:59 PM
Cumulative hours during this event	2

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   Tank ( Any )   Natural Gas Flared   Released: 127 Mcf   Recovered: 0 Mcf   Lost: 127 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.	False
Please explain reason for why this event was beyond this operator's control	Not answered.
Steps taken to limit the duration and magnitude of vent or flare	Tap Rock saw flare volumes due to flash gas coming off the tanks and an excess amount of oxygen at the tank level. The flash gas needs to be flared for safety purposes regarding to facility integrity and for those working on the facility. Tap Rock is analyzing this location and the equipment on location to verify the facility can capture all excess gas. If flaring continues Tap Rock will alter the facility by placing additional gas takeaway equipment.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Tap Rock saw flare volumes due to flash gas coming off the tanks and an excess amount of oxygen at the tank level. The flash gas needs to be flared for safety purposes regarding to facility integrity and for those working on the facility. Tap Rock is analyzing this location and the equipment on location to verify the facility can capture all excess gas. If flaring continues Tap Rock will alter the facility by placing additional gas takeaway equipment.

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ACKNOWLEDGMENTS

Action 173685

**ACKNOWLEDGMENTS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 173685
	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 173685

**CONDITIONS**

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 173685
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
bramsey	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.	1/8/2023