

May 23, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13 1H  
 First Stage Separator  
 Spot Gas Sample @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286**

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	0.909	
Carbon Dioxide	0.115	
Methane	75.801	
Ethane	11.847	3.164
Propane	5.921	1.629
Isobutane	0.807	0.264
n-Butane	2.068	0.651
2-2 Dimethylpropane	0.007	0.003
Isopentane	0.502	0.183
n-Pentane	0.639	0.231
Hexanes	0.557	0.229
Heptanes Plus	<u>0.827</u>	<u>0.348</u>
Totals	100.000	6.701

**Computed Real Characteristics Of Heptanes Plus:**

Specific Gravity -----	3.439	(Air=1)
Molecular Weight -----	99.20	
Gross Heating Value -----	5238	BTU/CF

**Computed Real Characteristics Of Total Sample:**

Specific Gravity -----	0.778	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	22.44	
Gross Heating Value		
Dry Basis -----	1335	BTU/CF
Saturated Basis -----	1313	BTU/CF

\*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)  
 Results: 0.063 Gr/100 CF, 1.0 PPMV or 0.0001 Mol%

Base Conditions: 14.650 PSI & 60 Deg F

Sampled By: (16) B. Huber  
 Analyst: RE  
 Processor: DS  
 Cylinder ID: T-1706

Certified: FESCO, Ltd. - Alice, Texas

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

FESCO, Ltd.

Job Number: 232177.001

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

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	0.909		1.135
Carbon Dioxide	0.115		0.226
Methane	75.801		54.193
Ethane	11.847	3.164	15.876
Propane	5.921	1.629	11.636
Isobutane	0.807	0.264	2.090
n-Butane	2.068	0.651	5.357
2,2 Dimethylpropane	0.007	0.003	0.023
Isopentane	0.502	0.183	1.614
n-Pentane	0.639	0.231	2.055
2,2 Dimethylbutane	0.007	0.003	0.027
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.048	0.020	0.184
2 Methylpentane	0.166	0.069	0.638
3 Methylpentane	0.088	0.036	0.338
n-Hexane	0.248	0.102	0.952
Methylcyclopentane	0.097	0.034	0.364
Benzene	0.016	0.004	0.056
Cyclohexane	0.122	0.041	0.458
2-Methylhexane	0.035	0.016	0.156
3-Methylhexane	0.038	0.017	0.170
2,2,4 Trimethylpentane	0.021	0.011	0.107
Other C7's	0.068	0.030	0.301
n-Heptane	0.090	0.041	0.402
Methylcyclohexane	0.115	0.046	0.503
Toluene	0.023	0.008	0.094
Other C8's	0.100	0.046	0.491
n-Octane	0.030	0.015	0.153
Ethylbenzene	0.002	0.001	0.009
M & P Xylenes	0.010	0.004	0.047
O-Xylene	0.002	0.001	0.009
Other C9's	0.039	0.020	0.219
n-Nonane	0.007	0.004	0.040
Other C10's	0.009	0.005	0.057
n-Decane	0.002	0.001	0.013
Undecanes (11)	<u>0.001</u>	<u>0.001</u>	<u>0.007</u>
Totals	100.000	6.701	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.778	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	22.44	
Gross Heating Value		
Dry Basis -----	1335	BTU/CF
Saturated Basis -----	1313	BTU/CF

May 23, 2023

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

Sample: Authentic 13 1H  
First Stage Separator  
Spot Gas Sample @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.115		0.226
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	0.909		1.135
Methane	75.801		54.193
Ethane	11.847	3.164	15.876
Propane	5.921	1.629	11.636
Isobutane	0.807	0.264	2.090
n-Butane	2.075	0.654	5.380
Isopentane	0.502	0.183	1.614
n-Pentane	0.639	0.231	2.055
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.248	0.102	0.952
Cyclohexane	0.122	0.041	0.458
Other C6's	0.309	0.127	1.187
Heptanes	0.328	0.139	1.393
Methylcyclohexane	0.115	0.046	0.503
2,2,4 Trimethylpentane	0.021	0.011	0.107
Benzene	0.016	0.004	0.056
Toluene	0.023	0.008	0.094
Ethylbenzene	0.002	0.001	0.009
Xylenes	0.012	0.005	0.056
Octanes Plus	<u>0.188</u>	<u>0.093</u>	<u>0.980</u>
Totals	100.000	6.701	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.054 (Air=1)  
Molecular Weight ----- 116.93  
Gross Heating Value ----- 5998 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.778 (Air=1)  
Compressibility (Z) ----- 0.9958  
Molecular Weight ----- 22.44  
Gross Heating Value  
Dry Basis ----- 1335 BTU/CF  
Saturated Basis ----- 1313 BTU/CF

June 19, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13 1H  
 First Stage Separator Hydrocarbon Liquid  
 Sampled @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.012

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

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.011	0.003	0.003
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.887	1.975	1.487
2,2 Dimethylpropane	0.050	0.031	0.024
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
2,2 Dimethylbutane	0.061	0.041	0.035
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.321	0.212	0.182
2 Methylpentane	1.877	1.255	1.064
3 Methylpentane	1.007	0.663	0.571
n-Hexane	3.543	2.347	2.009
Heptanes Plus	<u>72.913</u>	<u>85.912</u>	<u>89.554</u>
Totals:	100.000	100.000	100.000

**Characteristics of Heptanes Plus:**

Specific Gravity ----- 0.8088 (Water=1)  
 °API Gravity ----- 43.45 @ 60°F  
 Molecular Weight ----- 186.7  
 Vapor Volume ----- 13.75 CF/Gal  
 Weight ----- 6.74 Lbs/Gal

**Characteristics of Total Sample:**

Specific Gravity ----- 0.7759 (Water=1)  
 °API Gravity ----- 50.87 @ 60°F  
 Molecular Weight ----- 152.0  
 Vapor Volume ----- 16.20 CF/Gal  
 Weight ----- 6.46 Lbs/Gal

Base Conditions: 14.650 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (16) D. Field  
 Analyst: JG  
 Processor: ANBdjv  
 Cylinder ID: W-1437

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232177.012

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

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.011	0.003	0.003
Nitrogen	0.039	0.007	0.007
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.937	2.006	1.511
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
Other C-6's	3.266	2.170	1.852
Heptanes	8.489	5.710	5.264
Octanes	12.055	8.988	8.504
Nonanes	6.734	5.907	5.616
Decanes Plus	42.278	63.209	67.912
Benzene	0.178	0.080	0.091
Toluene	0.880	0.475	0.533
E-Benzene	0.357	0.222	0.249
Xylenes	1.421	0.885	0.993
n-Hexane	3.543	2.347	2.009
2,2,4 Trimethylpentane	<u>0.521</u>	<u>0.437</u>	<u>0.392</u>
Totals:	100.000	100.000	100.000

**Characteristics of Total Sample:**

Specific Gravity -----	0.7759 (Water=1)
°API Gravity -----	50.87 @ 60°F
Molecular Weight-----	152.0
Vapor Volume -----	16.20 CF/Gal
Weight -----	6.46 Lbs/Gal

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

Specific Gravity -----	0.8336 (Water=1)
Molecular Weight-----	244.1

**Characteristics of Atmospheric Sample:**

°API Gravity -----	47.58 @ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	7.96 psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-1437*	-----
Pressure, PSIG	140	140	-----
Skin Temperature, °F	122	122	-----

\* Sample used for analysis

FESCO, Ltd.

Job Number: 232177.012

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

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.011	0.003	0.003
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.887	1.975	1.487
2,2 Dimethylpropane	0.050	0.031	0.024
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
2,2 Dimethylbutane	0.061	0.041	0.035
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.321	0.212	0.182
2 Methylpentane	1.877	1.255	1.064
3 Methylpentane	1.007	0.663	0.571
n-Hexane	3.543	2.347	2.009
Methylcyclopentane	1.156	0.659	0.640
Benzene	0.178	0.080	0.091
Cyclohexane	1.928	1.058	1.068
2-Methylhexane	0.785	0.588	0.518
3-Methylhexane	0.848	0.627	0.559
2,2,4 Trimethylpentane	0.521	0.437	0.392
Other C-7's	1.209	0.872	0.789
n-Heptane	2.563	1.905	1.690
Methylcyclohexane	3.788	2.454	2.448
Toluene	0.880	0.475	0.533
Other C-8's	5.946	4.619	4.312
n-Octane	2.321	1.916	1.745
E-Benzene	0.357	0.222	0.249
M & P Xylenes	1.106	0.692	0.773
O-Xylene	0.315	0.193	0.220
Other C-9's	5.079	4.407	4.219
n-Nonane	1.655	1.500	1.397
Other C-10's	5.038	4.805	4.684
n-decane	1.328	1.314	1.244
Undecanes(11)	5.098	4.988	4.932
Dodecanes(12)	3.725	3.936	3.946
Tridecanes(13)	3.619	4.101	4.167
Tetradecanes(14)	2.917	3.541	3.648
Pentadecanes(15)	2.528	3.287	3.427
Hexadecanes(16)	1.893	2.631	2.766
Heptadecanes(17)	1.668	2.451	2.601
Octadecanes(18)	1.539	2.380	2.541
Nonadecanes(19)	1.364	2.199	2.361
Eicosanes(20)	1.036	1.735	1.874
Heneicosanes(21)	0.907	1.599	1.737
Docosanes(22)	0.805	1.479	1.616
Tricosanes(23)	0.684	1.302	1.431
Tetracosanes(24)	0.596	1.177	1.299
Pentacosanes(25)	0.539	1.103	1.223
Hexacosanes(26)	0.481	1.020	1.136
Heptacosanes(27)	0.428	0.942	1.054
Octacosanes(28)	0.367	0.835	0.937
Nonacosanes(29)	0.317	0.745	0.840
Triacotanes(30)	0.279	0.677	0.765
Hentriacotanes Plus(31+)	<u>5.119</u>	<u>14.963</u>	<u>17.683</u>
Total	100.000	100.000	100.000

June 19, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13  
 Heater Treater Hydrocarbon Liquid  
 Sampled @ 56 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.002

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

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.028	0.005	0.005
Carbon Dioxide	0.015	0.004	0.004
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.269	2.163	1.625
2,2 Dimethylpropane	0.078	0.048	0.037
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
2,2 Dimethylbutane	0.077	0.052	0.044
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.236	0.155	0.133
2 Methylpentane	2.067	1.378	1.167
3 Methylpentane	1.060	0.696	0.599
n-Hexane	3.510	2.319	1.982
Heptanes Plus	<u>74.273</u>	<u>86.066</u>	<u>89.411</u>
Totals:	100.000	100.000	100.000

**Characteristics of Heptanes Plus:**

Specific Gravity ----- 0.8074 (Water=1)  
 °API Gravity ----- 43.75 @ 60°F  
 Molecular Weight ----- 183.8  
 Vapor Volume ----- 13.95 CF/Gal  
 Weight ----- 6.73 Lbs/Gal

**Characteristics of Total Sample:**

Specific Gravity ----- 0.7772 (Water=1)  
 °API Gravity ----- 50.56 @ 60°F  
 Molecular Weight ----- 152.6  
 Vapor Volume ----- 16.16 CF/Gal  
 Weight ----- 6.48 Lbs/Gal

Base Conditions: 14.650 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (16) D. Field  
 Analyst: JG  
 Processor: DSdjv  
 Cylinder ID: W-2831

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232177.002

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

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.015	0.004	0.004
Nitrogen	0.028	0.005	0.005
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.347	2.210	1.662
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
Other C-6's	3.441	2.281	1.942
Heptanes	9.534	6.381	5.876
Octanes	12.984	9.645	9.113
Nonanes	7.143	6.246	5.930
Decanes Plus	41.148	61.629	66.175
Benzene	0.219	0.099	0.112
Toluene	0.908	0.489	0.548
E-Benzene	0.482	0.299	0.336
Xylenes	1.265	0.785	0.880
n-Hexane	3.510	2.319	1.982
2,2,4 Trimethylpentane	<u>0.589</u>	<u>0.492</u>	<u>0.441</u>
Totals:	100.000	100.000	100.000

**Characteristics of Total Sample:**

Specific Gravity -----	0.7772 (Water=1)
°API Gravity -----	50.56 @ 60°F
Molecular Weight-----	152.6
Vapor Volume -----	16.16 CF/Gal
Weight -----	6.48 Lbs/Gal

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

Specific Gravity -----	0.8345 (Water=1)
Molecular Weight-----	245.5

**Characteristics of Atmospheric Sample:**

°API Gravity -----	48.39 @ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	9.20 psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-2831	-----
Pressure, PSIG	56	56	-----
Skin Temperature, °F	122	122	-----

\* Sample used for analysis

FESCO, Ltd.

Job Number: 232177.002

## TOTAL EXTENDED REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.028	0.005	0.005
Carbon Dioxide	0.015	0.004	0.004
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.269	2.163	1.625
2,2 Dimethylpropane	0.078	0.048	0.037
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
2,2 Dimethylbutane	0.077	0.052	0.044
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.236	0.155	0.133
2 Methylpentane	2.067	1.378	1.167
3 Methylpentane	1.060	0.696	0.599
n-Hexane	3.510	2.319	1.982
Methylcyclopentane	1.412	0.803	0.778
Benzene	0.219	0.099	0.112
Cyclohexane	2.157	1.180	1.189
2-Methylhexane	1.004	0.750	0.659
3-Methylhexane	0.964	0.711	0.633
2,2,4 Trimethylpentane	0.589	0.492	0.441
Other C-7's	1.194	0.859	0.776
n-Heptane	2.803	2.078	1.840
Methylcyclohexane	4.140	2.674	2.663
Toluene	0.908	0.489	0.548
Other C-8's	6.387	4.949	4.612
n-Octane	2.456	2.022	1.838
E-Benzene	0.482	0.299	0.336
M & P Xylenes	0.958	0.598	0.667
O-Xylene	0.307	0.187	0.213
Other C-9's	5.463	4.728	4.518
n-Nonane	1.680	1.519	1.411
Other C-10's	5.119	4.868	4.737
n-decane	1.266	1.249	1.180
Undecanes(11)	4.912	4.793	4.731
Dodecanes(12)	3.559	3.751	3.753
Tridecanes(13)	3.495	3.949	4.006
Tetradecanes(14)	2.840	3.437	3.534
Pentadecanes(15)	2.413	3.129	3.257
Hexadecanes(16)	1.784	2.472	2.595
Heptadecanes(17)	1.618	2.372	2.513
Octadecanes(18)	1.471	2.269	2.419
Nonadecanes(19)	1.319	2.120	2.273
Eicosanes(20)	0.968	1.616	1.743
Heneicosanes(21)	0.867	1.525	1.654
Docosanes(22)	0.762	1.395	1.522
Tricosanes(23)	0.647	1.228	1.347
Tetracosanes(24)	0.564	1.109	1.223
Pentacosanes(25)	0.508	1.036	1.147
Hexacosanes(26)	0.463	0.979	1.088
Heptacosanes(27)	0.414	0.907	1.014
Octacosanes(28)	0.350	0.793	0.889
Nonacosanes(29)	0.308	0.720	0.810
Triacosanes(30)	0.263	0.634	0.716
Hentriacosanes Plus(31+)	<u>5.240</u>	<u>15.276</u>	<u>18.024</u>
Total	100.000	100.000	100.000

May 23, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13 1H  
 First Stage Separator  
 Spot Gas Sample @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.001

**CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286**

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	0.909	
Carbon Dioxide	0.115	
Methane	75.801	
Ethane	11.847	3.164
Propane	5.921	1.629
Isobutane	0.807	0.264
n-Butane	2.068	0.651
2-2 Dimethylpropane	0.007	0.003
Isopentane	0.502	0.183
n-Pentane	0.639	0.231
Hexanes	0.557	0.229
Heptanes Plus	<u>0.827</u>	<u>0.348</u>
Totals	100.000	6.701

**Computed Real Characteristics Of Heptanes Plus:**

Specific Gravity -----	3.439	(Air=1)
Molecular Weight -----	99.20	
Gross Heating Value -----	5238	BTU/CF

**Computed Real Characteristics Of Total Sample:**

Specific Gravity -----	0.778	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	22.44	
Gross Heating Value		
Dry Basis -----	1335	BTU/CF
Saturated Basis -----	1313	BTU/CF

\*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)  
 Results: 0.063 Gr/100 CF, 1.0 PPMV or 0.0001 Mol%

Base Conditions: 14.650 PSI & 60 Deg F

Sampled By: (16) B. Huber  
 Analyst: RE  
 Processor: DS  
 Cylinder ID: T-1706

Certified: FESCO, Ltd. - Alice, Texas

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

FESCO, Ltd.

Job Number: 232177.001

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

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	0.909		1.135
Carbon Dioxide	0.115		0.226
Methane	75.801		54.193
Ethane	11.847	3.164	15.876
Propane	5.921	1.629	11.636
Isobutane	0.807	0.264	2.090
n-Butane	2.068	0.651	5.357
2,2 Dimethylpropane	0.007	0.003	0.023
Isopentane	0.502	0.183	1.614
n-Pentane	0.639	0.231	2.055
2,2 Dimethylbutane	0.007	0.003	0.027
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.048	0.020	0.184
2 Methylpentane	0.166	0.069	0.638
3 Methylpentane	0.088	0.036	0.338
n-Hexane	0.248	0.102	0.952
Methylcyclopentane	0.097	0.034	0.364
Benzene	0.016	0.004	0.056
Cyclohexane	0.122	0.041	0.458
2-Methylhexane	0.035	0.016	0.156
3-Methylhexane	0.038	0.017	0.170
2,2,4 Trimethylpentane	0.021	0.011	0.107
Other C7's	0.068	0.030	0.301
n-Heptane	0.090	0.041	0.402
Methylcyclohexane	0.115	0.046	0.503
Toluene	0.023	0.008	0.094
Other C8's	0.100	0.046	0.491
n-Octane	0.030	0.015	0.153
Ethylbenzene	0.002	0.001	0.009
M & P Xylenes	0.010	0.004	0.047
O-Xylene	0.002	0.001	0.009
Other C9's	0.039	0.020	0.219
n-Nonane	0.007	0.004	0.040
Other C10's	0.009	0.005	0.057
n-Decane	0.002	0.001	0.013
Undecanes (11)	<u>0.001</u>	<u>0.001</u>	<u>0.007</u>
Totals	100.000	6.701	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.778	(Air=1)
Compressibility (Z) -----	0.9958	
Molecular Weight -----	22.44	
Gross Heating Value		
Dry Basis -----	1335	BTU/CF
Saturated Basis -----	1313	BTU/CF

May 23, 2023

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

Sample: Authentic 13 1H  
First Stage Separator  
Spot Gas Sample @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.115		0.226
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	0.909		1.135
Methane	75.801		54.193
Ethane	11.847	3.164	15.876
Propane	5.921	1.629	11.636
Isobutane	0.807	0.264	2.090
n-Butane	2.075	0.654	5.380
Isopentane	0.502	0.183	1.614
n-Pentane	0.639	0.231	2.055
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.248	0.102	0.952
Cyclohexane	0.122	0.041	0.458
Other C6's	0.309	0.127	1.187
Heptanes	0.328	0.139	1.393
Methylcyclohexane	0.115	0.046	0.503
2,2,4 Trimethylpentane	0.021	0.011	0.107
Benzene	0.016	0.004	0.056
Toluene	0.023	0.008	0.094
Ethylbenzene	0.002	0.001	0.009
Xylenes	0.012	0.005	0.056
Octanes Plus	<u>0.188</u>	<u>0.093</u>	<u>0.980</u>
Totals	100.000	6.701	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.054 (Air=1)  
Molecular Weight ----- 116.93  
Gross Heating Value ----- 5998 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.778 (Air=1)  
Compressibility (Z) ----- 0.9958  
Molecular Weight ----- 22.44  
Gross Heating Value  
Dry Basis ----- 1335 BTU/CF  
Saturated Basis ----- 1313 BTU/CF

June 19, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13 1H  
 First Stage Separator Hydrocarbon Liquid  
 Sampled @ 140 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.012

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

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.011	0.003	0.003
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.887	1.975	1.487
2,2 Dimethylpropane	0.050	0.031	0.024
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
2,2 Dimethylbutane	0.061	0.041	0.035
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.321	0.212	0.182
2 Methylpentane	1.877	1.255	1.064
3 Methylpentane	1.007	0.663	0.571
n-Hexane	3.543	2.347	2.009
Heptanes Plus	<u>72.913</u>	<u>85.912</u>	<u>89.554</u>
Totals:	100.000	100.000	100.000

**Characteristics of Heptanes Plus:**

Specific Gravity ----- 0.8088 (Water=1)  
 °API Gravity ----- 43.45 @ 60°F  
 Molecular Weight ----- 186.7  
 Vapor Volume ----- 13.75 CF/Gal  
 Weight ----- 6.74 Lbs/Gal

**Characteristics of Total Sample:**

Specific Gravity ----- 0.7759 (Water=1)  
 °API Gravity ----- 50.87 @ 60°F  
 Molecular Weight ----- 152.0  
 Vapor Volume ----- 16.20 CF/Gal  
 Weight ----- 6.46 Lbs/Gal

Base Conditions: 14.650 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (16) D. Field  
 Analyst: JG  
 Processor: ANBdjv  
 Cylinder ID: W-1437

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232177.012

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

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.011	0.003	0.003
Nitrogen	0.039	0.007	0.007
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.937	2.006	1.511
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
Other C-6's	3.266	2.170	1.852
Heptanes	8.489	5.710	5.264
Octanes	12.055	8.988	8.504
Nonanes	6.734	5.907	5.616
Decanes Plus	42.278	63.209	67.912
Benzene	0.178	0.080	0.091
Toluene	0.880	0.475	0.533
E-Benzene	0.357	0.222	0.249
Xylenes	1.421	0.885	0.993
n-Hexane	3.543	2.347	2.009
2,2,4 Trimethylpentane	<u>0.521</u>	<u>0.437</u>	<u>0.392</u>
Totals:	100.000	100.000	100.000

**Characteristics of Total Sample:**

Specific Gravity -----	0.7759 (Water=1)
°API Gravity -----	50.87 @ 60°F
Molecular Weight-----	152.0
Vapor Volume -----	16.20 CF/Gal
Weight -----	6.46 Lbs/Gal

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

Specific Gravity -----	0.8336 (Water=1)
Molecular Weight-----	244.1

**Characteristics of Atmospheric Sample:**

°API Gravity -----	47.58 @ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	7.96 psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-1437*	-----
Pressure, PSIG	140	140	-----
Skin Temperature, °F	122	122	-----

\* Sample used for analysis

FESCO, Ltd.

Job Number: 232177.012

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

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.011	0.003	0.003
Methane	3.254	0.888	0.343
Ethane	2.477	1.067	0.490
Propane	3.701	1.643	1.074
Isobutane	1.082	0.571	0.414
n-Butane	3.887	1.975	1.487
2,2 Dimethylpropane	0.050	0.031	0.024
Isopentane	2.200	1.296	1.044
n-Pentane	3.578	2.089	1.698
2,2 Dimethylbutane	0.061	0.041	0.035
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.321	0.212	0.182
2 Methylpentane	1.877	1.255	1.064
3 Methylpentane	1.007	0.663	0.571
n-Hexane	3.543	2.347	2.009
Methylcyclopentane	1.156	0.659	0.640
Benzene	0.178	0.080	0.091
Cyclohexane	1.928	1.058	1.068
2-Methylhexane	0.785	0.588	0.518
3-Methylhexane	0.848	0.627	0.559
2,2,4 Trimethylpentane	0.521	0.437	0.392
Other C-7's	1.209	0.872	0.789
n-Heptane	2.563	1.905	1.690
Methylcyclohexane	3.788	2.454	2.448
Toluene	0.880	0.475	0.533
Other C-8's	5.946	4.619	4.312
n-Octane	2.321	1.916	1.745
E-Benzene	0.357	0.222	0.249
M & P Xylenes	1.106	0.692	0.773
O-Xylene	0.315	0.193	0.220
Other C-9's	5.079	4.407	4.219
n-Nonane	1.655	1.500	1.397
Other C-10's	5.038	4.805	4.684
n-decane	1.328	1.314	1.244
Undecanes(11)	5.098	4.988	4.932
Dodecanes(12)	3.725	3.936	3.946
Tridecanes(13)	3.619	4.101	4.167
Tetradecanes(14)	2.917	3.541	3.648
Pentadecanes(15)	2.528	3.287	3.427
Hexadecanes(16)	1.893	2.631	2.766
Heptadecanes(17)	1.668	2.451	2.601
Octadecanes(18)	1.539	2.380	2.541
Nonadecanes(19)	1.364	2.199	2.361
Eicosanes(20)	1.036	1.735	1.874
Heneicosanes(21)	0.907	1.599	1.737
Docosanes(22)	0.805	1.479	1.616
Tricosanes(23)	0.684	1.302	1.431
Tetracosanes(24)	0.596	1.177	1.299
Pentacosanes(25)	0.539	1.103	1.223
Hexacosanes(26)	0.481	1.020	1.136
Heptacosanes(27)	0.428	0.942	1.054
Octacosanes(28)	0.367	0.835	0.937
Nonacosanes(29)	0.317	0.745	0.840
Triacotanes(30)	0.279	0.677	0.765
Hentriacotanes Plus(31+)	<u>5.119</u>	<u>14.963</u>	<u>17.683</u>
Total	100.000	100.000	100.000

June 19, 2023

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

**For:** Coterra Energy, Inc.  
 840 Gessner Road, Suite 1400  
 Houston, Texas 77024

**Sample:** Authentic 13  
 Heater Treater Hydrocarbon Liquid  
 Sampled @ 56 psig & 122 °F

Date Sampled: 05/10/2023

Job Number: 232177.002

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

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.028	0.005	0.005
Carbon Dioxide	0.015	0.004	0.004
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.269	2.163	1.625
2,2 Dimethylpropane	0.078	0.048	0.037
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
2,2 Dimethylbutane	0.077	0.052	0.044
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.236	0.155	0.133
2 Methylpentane	2.067	1.378	1.167
3 Methylpentane	1.060	0.696	0.599
n-Hexane	3.510	2.319	1.982
Heptanes Plus	<u>74.273</u>	<u>86.066</u>	<u>89.411</u>
Totals:	100.000	100.000	100.000

**Characteristics of Heptanes Plus:**

Specific Gravity ----- 0.8074 (Water=1)  
 °API Gravity ----- 43.75 @ 60°F  
 Molecular Weight ----- 183.8  
 Vapor Volume ----- 13.95 CF/Gal  
 Weight ----- 6.73 Lbs/Gal

**Characteristics of Total Sample:**

Specific Gravity ----- 0.7772 (Water=1)  
 °API Gravity ----- 50.56 @ 60°F  
 Molecular Weight ----- 152.6  
 Vapor Volume ----- 16.16 CF/Gal  
 Weight ----- 6.48 Lbs/Gal

Base Conditions: 14.650 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (16) D. Field  
 Analyst: JG  
 Processor: DSdjv  
 Cylinder ID: W-2831

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 232177.002

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

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.015	0.004	0.004
Nitrogen	0.028	0.005	0.005
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.347	2.210	1.662
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
Other C-6's	3.441	2.281	1.942
Heptanes	9.534	6.381	5.876
Octanes	12.984	9.645	9.113
Nonanes	7.143	6.246	5.930
Decanes Plus	41.148	61.629	66.175
Benzene	0.219	0.099	0.112
Toluene	0.908	0.489	0.548
E-Benzene	0.482	0.299	0.336
Xylenes	1.265	0.785	0.880
n-Hexane	3.510	2.319	1.982
2,2,4 Trimethylpentane	<u>0.589</u>	<u>0.492</u>	<u>0.441</u>
Totals:	100.000	100.000	100.000

**Characteristics of Total Sample:**

Specific Gravity -----	0.7772 (Water=1)
°API Gravity -----	50.56 @ 60°F
Molecular Weight-----	152.6
Vapor Volume -----	16.16 CF/Gal
Weight -----	6.48 Lbs/Gal

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

Specific Gravity -----	0.8345 (Water=1)
Molecular Weight-----	245.5

**Characteristics of Atmospheric Sample:**

°API Gravity -----	48.39 @ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	9.20 psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-2831	-----
Pressure, PSIG	56	56	-----
Skin Temperature, °F	122	122	-----

\* Sample used for analysis

FESCO, Ltd.

Job Number: 232177.002

## TOTAL EXTENDED REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.028	0.005	0.005
Carbon Dioxide	0.015	0.004	0.004
Methane	1.160	0.316	0.122
Ethane	2.035	0.874	0.401
Propane	3.856	1.707	1.114
Isobutane	1.205	0.634	0.459
n-Butane	4.269	2.163	1.625
2,2 Dimethylpropane	0.078	0.048	0.037
Isopentane	2.376	1.396	1.123
n-Pentane	3.756	2.187	1.775
2,2 Dimethylbutane	0.077	0.052	0.044
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.236	0.155	0.133
2 Methylpentane	2.067	1.378	1.167
3 Methylpentane	1.060	0.696	0.599
n-Hexane	3.510	2.319	1.982
Methylcyclopentane	1.412	0.803	0.778
Benzene	0.219	0.099	0.112
Cyclohexane	2.157	1.180	1.189
2-Methylhexane	1.004	0.750	0.659
3-Methylhexane	0.964	0.711	0.633
2,2,4 Trimethylpentane	0.589	0.492	0.441
Other C-7's	1.194	0.859	0.776
n-Heptane	2.803	2.078	1.840
Methylcyclohexane	4.140	2.674	2.663
Toluene	0.908	0.489	0.548
Other C-8's	6.387	4.949	4.612
n-Octane	2.456	2.022	1.838
E-Benzene	0.482	0.299	0.336
M & P Xylenes	0.958	0.598	0.667
O-Xylene	0.307	0.187	0.213
Other C-9's	5.463	4.728	4.518
n-Nonane	1.680	1.519	1.411
Other C-10's	5.119	4.868	4.737
n-decane	1.266	1.249	1.180
Undecanes(11)	4.912	4.793	4.731
Dodecanes(12)	3.559	3.751	3.753
Tridecanes(13)	3.495	3.949	4.006
Tetradecanes(14)	2.840	3.437	3.534
Pentadecanes(15)	2.413	3.129	3.257
Hexadecanes(16)	1.784	2.472	2.595
Heptadecanes(17)	1.618	2.372	2.513
Octadecanes(18)	1.471	2.269	2.419
Nonadecanes(19)	1.319	2.120	2.273
Eicosanes(20)	0.968	1.616	1.743
Heneicosanes(21)	0.867	1.525	1.654
Docosanes(22)	0.762	1.395	1.522
Tricosanes(23)	0.647	1.228	1.347
Tetracosanes(24)	0.564	1.109	1.223
Pentacosanes(25)	0.508	1.036	1.147
Hexacosanes(26)	0.463	0.979	1.088
Heptacosanes(27)	0.414	0.907	1.014
Octacosanes(28)	0.350	0.793	0.889
Nonacosanes(29)	0.308	0.720	0.810
Triacosanes(30)	0.263	0.634	0.716
Hentriacosanes Plus(31+)	<u>5.240</u>	<u>15.276</u>	<u>18.024</u>
Total	100.000	100.000	100.000

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 565659

**DEFINITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 565659
	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.

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**

QUESTIONS

Action 565659

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 565659
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2601325447] SOUTHERN HILLS 32-39 CTB
<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>	

<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	76
Nitrogen (N2) percentage, if greater than one percent	1
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	0
Nitrogen (N2) percentage quality requirement	0
Hydrogen Sulfide (H2S) PPM quality requirement	0
Carbon Dioxide (CO2) percentage quality requirement	0
Oxygen (O2) percentage quality requirement	0

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**

QUESTIONS, Page 2

Action 565659

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 565659
	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	03/03/2026
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	12:00 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure   Separator   Natural Gas Flared   Released: 169 Mcf   Recovered: 0 Mcf   Lost: 169 Mcf.
Other Released Details	<i>Not answered.</i>
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>Yes, according to supplied volumes this appears to be a "gas only" report.</b>

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	No
Downstream OGRID that should have notified this operator	0
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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	HLP
Steps taken to limit the duration and magnitude of vent or flare	MINIMIZE EVENT DURATION
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	MIDSTREAM & MARKETING EVALUATE



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**

ACKNOWLEDGMENTS

Action 565659

**ACKNOWLEDGMENTS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 565659
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**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.

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**

CONDITIONS

Action 565659

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 565659
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**CONDITIONS**

Created By	Condition	Condition Date
aolivi	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.	3/23/2026