

January 06, 2023

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

For: Marathon Oil Permian, LLC
5555 San Felipe Street
Houston, Texas 77056

Sample: Ender Wiggins 14 Federal Com CTB
Sales Line
Spot Gas Sample @ 140 psig & 91 °F

Date Sampled: 12/13/2022

Job Number: 223726.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	1.437	
Carbon Dioxide	0.319	
Methane	70.265	
Ethane	14.045	3.848
Propane	8.126	2.294
Isobutane	0.975	0.327
n-Butane	2.660	0.859
2-2 Dimethylpropane	0.025	0.010
Isopentane	0.551	0.206
n-Pentane	0.639	0.237
Hexanes	0.379	0.160
Heptanes Plus	<u>0.579</u>	<u>0.239</u>
Totals	100.000	8.181

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.343 (Air=1)
Molecular Weight ----- 96.38
Gross Heating Value ----- 5188 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.815 (Air=1)
Compressibility (Z) ----- 0.9953
Molecular Weight ----- 23.50
Gross Heating Value
Dry Basis ----- 1415 BTU/CF
Saturated Basis ----- 1391 BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
Results: 0.252 Gr/100 CF, 4.0 PPMV or 0.0004 Mol%

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (24) D. Field
Analyst: RC
Processor: KV
Cylinder ID: T-4249

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 223726.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	1.437		1.713
Carbon Dioxide	0.319		0.598
Methane	70.265		47.975
Ethane	14.045	3.848	17.975
Propane	8.126	2.294	15.251
Isobutane	0.975	0.327	2.412
n-Butane	2.660	0.859	6.580
2,2 Dimethylpropane	0.025	0.010	0.077
Isopentane	0.551	0.206	1.692
n-Pentane	0.639	0.237	1.962
2,2 Dimethylbutane	0.004	0.002	0.015
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.045	0.019	0.165
2 Methylpentane	0.114	0.048	0.418
3 Methylpentane	0.064	0.027	0.235
n-Hexane	0.152	0.064	0.557
Methylcyclopentane	0.079	0.029	0.283
Benzene	0.036	0.010	0.120
Cyclohexane	0.101	0.035	0.362
2-Methylhexane	0.018	0.009	0.077
3-Methylhexane	0.022	0.010	0.094
2,2,4 Trimethylpentane	0.016	0.009	0.078
Other C7's	0.046	0.021	0.194
n-Heptane	0.045	0.021	0.192
Methylcyclohexane	0.075	0.031	0.313
Toluene	0.030	0.010	0.118
Other C8's	0.059	0.028	0.277
n-Octane	0.012	0.006	0.058
Ethylbenzene	0.002	0.001	0.009
M & P Xylenes	0.006	0.002	0.027
O-Xylene	0.002	0.001	0.009
Other C9's	0.022	0.011	0.118
n-Nonane	0.003	0.002	0.016
Other C10's	0.004	0.002	0.024
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	8.181	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.815	(Air=1)
Compressibility (Z) -----	0.9953	
Molecular Weight -----	23.50	
Gross Heating Value		
Dry Basis -----	1415	BTU/CF
Saturated Basis -----	1391	BTU/CF

January 06, 2023

FESCO, Ltd.**1100 Fesco Ave. - Alice, Texas 78332****Sample:** Ender Wiggins 14 Federal Com CTB

Sales Line

Spot Gas Sample @ 140 psig & 91 °F

Date Sampled: 12/13/2022

Job Number: 223726.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.319		0.598
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	1.437		1.713
Methane	70.265		47.975
Ethane	14.045	3.848	17.975
Propane	8.126	2.294	15.251
Isobutane	0.975	0.327	2.412
n-Butane	2.685	0.869	6.657
Isopentane	0.551	0.206	1.692
n-Pentane	0.639	0.237	1.962
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.152	0.064	0.557
Cyclohexane	0.101	0.035	0.362
Other C6's	0.227	0.096	0.833
Heptanes	0.210	0.089	0.840
Methylcyclohexane	0.075	0.031	0.313
2,2,4 Trimethylpentane	0.016	0.009	0.078
Benzene	0.036	0.010	0.120
Toluene	0.030	0.010	0.118
Ethylbenzene	0.002	0.001	0.009
Xylenes	0.008	0.003	0.036
Octanes Plus	<u>0.101</u>	<u>0.051</u>	<u>0.499</u>
Totals	100.000	8.181	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.033 (Air=1)
Molecular Weight ----- 116.27
Gross Heating Value ----- 6083 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.815 (Air=1)
Compressibility (Z) ----- 0.9953
Molecular Weight ----- 23.50
Gross Heating Value
Dry Basis ----- 1415 BTU/CF
Saturated Basis ----- 1391 BTU/CF

January 11, 2023

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

For: Marathon Oil Permian, LLC
5555 San Felipe Street
Houston, Texas 77056

Sample: Ender Wiggins 14 Federal Com 6H
First Stage Separator
Spot Gas Sample @ 150 psig & 84 °F

Date Sampled: 12/13/2022

Job Number: 223726.011

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	1.524	
Carbon Dioxide	0.160	
Methane	71.771	
Ethane	13.749	3.766
Propane	7.671	2.165
Isobutane	0.861	0.289
n-Butane	2.372	0.766
2-2 Dimethylpropane	0.006	0.002
Isopentane	0.458	0.172
n-Pentane	0.522	0.194
Hexanes	0.378	0.159
Heptanes Plus	<u>0.528</u>	<u>0.222</u>
Totals	100.000	7.735

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.387 (Air=1)
Molecular Weight ----- 97.68
Gross Heating Value ----- 5271 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.796 (Air=1)
Compressibility (Z) ----- 0.9956
Molecular Weight ----- 22.96
Gross Heating Value
Dry Basis ----- 1388 BTU/CF
Saturated Basis ----- 1364 BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
Results: 0.094 Gr/100 CF, 1.5 PPMV or 0.0002 Mol%

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (24) D. Field
Analyst: KV
Processor: KV
Cylinder ID: T-3035

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 223726.011

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286
TOTAL REPORT

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	1.524		1.859
Carbon Dioxide	0.160		0.307
Methane	71.771		50.151
Ethane	13.749	3.766	18.006
Propane	7.671	2.165	14.732
Isobutane	0.861	0.289	2.180
n-Butane	2.372	0.766	6.005
2,2 Dimethylpropane	0.006	0.002	0.019
Isopentane	0.458	0.172	1.439
n-Pentane	0.522	0.194	1.640
2,2 Dimethylbutane	0.004	0.002	0.015
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.044	0.018	0.165
2 Methylpentane	0.114	0.048	0.428
3 Methylpentane	0.064	0.027	0.240
n-Hexane	0.152	0.064	0.570
Methylcyclopentane	0.074	0.027	0.271
Benzene	0.031	0.009	0.105
Cyclohexane	0.087	0.030	0.319
2-Methylhexane	0.017	0.008	0.074
3-Methylhexane	0.020	0.009	0.087
2,2,4 Trimethylpentane	0.015	0.008	0.075
Other C7's	0.043	0.019	0.186
n-Heptane	0.042	0.020	0.183
Methylcyclohexane	0.063	0.026	0.269
Toluene	0.021	0.007	0.084
Other C8's	0.051	0.024	0.245
n-Octane	0.015	0.008	0.075
Ethylbenzene	0.002	0.001	0.009
M & P Xylenes	0.006	0.002	0.028
O-Xylene	0.002	0.001	0.009
Other C9's	0.020	0.010	0.110
n-Nonane	0.005	0.003	0.028
Other C10's	0.009	0.005	0.055
n-Decane	0.002	0.001	0.012
Undecanes (11)	<u>0.003</u>	<u>0.002</u>	<u>0.020</u>
Totals	100.000	7.735	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.796	(Air=1)
Compressibility (Z) -----	0.9956	
Molecular Weight -----	22.96	
Gross Heating Value		
Dry Basis -----	1388	BTU/CF
Saturated Basis -----	1364	BTU/CF

January 11, 2023

FESCO, Ltd.**1100 Fesco Ave. - Alice, Texas 78332****Sample:** Ender Wiggins 14 Federal Com 6H

First Stage Separator

Spot Gas Sample @ 150 psig & 84 °F

Date Sampled: 12/13/2022

Job Number: 223726.011

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	0.160		0.307
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	1.524		1.859
Methane	71.771		50.151
Ethane	13.749	3.766	18.006
Propane	7.671	2.165	14.732
Isobutane	0.861	0.289	2.180
n-Butane	2.378	0.768	6.024
Isopentane	0.458	0.172	1.439
n-Pentane	0.522	0.194	1.640
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.152	0.064	0.570
Cyclohexane	0.087	0.030	0.319
Other C6's	0.226	0.095	0.848
Heptanes	0.196	0.083	0.801
Methylcyclohexane	0.063	0.026	0.269
2,2,4 Trimethylpentane	0.015	0.008	0.075
Benzene	0.031	0.009	0.105
Toluene	0.021	0.007	0.084
Ethylbenzene	0.002	0.001	0.009
Xylenes	0.008	0.003	0.037
Octanes Plus	<u>0.105</u>	<u>0.054</u>	<u>0.545</u>
Totals	100.000	7.735	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 4.137 (Air=1)
Molecular Weight ----- 119.29
Gross Heating Value ----- 6304 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.796 (Air=1)
Compressibility (Z) ----- 0.9956
Molecular Weight ----- 22.96
Gross Heating Value
Dry Basis ----- 1388 BTU/CF
Saturated Basis ----- 1364 BTU/CF

January 11, 2023

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

For: Marathon Oil Permian, LLC
5555 San Felipe Street
Houston, Texas 77056

Sample: Ender Wiggins 14 Federal Com 6H
First Stage Separator Hydrocarbon Liquid
Sampled @ 150 psig & 84 °F

Date Sampled: 12/13/2022

Job Number: 223726.002

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2186-M

COMPONENT	MOL %	LIQ VOL %	WT %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.032	0.009	0.009
Methane	3.221	0.897	0.342
Ethane	3.347	1.470	0.666
Propane	5.591	2.530	1.631
Isobutane	1.285	0.691	0.494
n-Butane	5.109	2.646	1.965
2,2 Dimethylpropane	0.140	0.088	0.067
Isopentane	2.273	1.365	1.085
n-Pentane	3.462	2.061	1.653
2,2 Dimethylbutane	0.079	0.054	0.045
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.396	0.266	0.226
2 Methylpentane	1.304	0.889	0.744
3 Methylpentane	0.781	0.524	0.445
n-Hexane	2.197	1.484	1.253
Heptanes Plus	<u>70.745</u>	<u>85.020</u>	<u>89.368</u>
Totals:	100.000	100.000	100.000

Characteristics of Heptanes Plus:

Specific Gravity -----	0.8268 (Water=1)
°API Gravity -----	39.64 @ 60°F
Molecular Weight -----	190.9
Vapor Volume -----	13.40 CF/Gal
Weight -----	6.89 Lbs/Gal

Characteristics of Total Sample:

Specific Gravity -----	0.7866 (Water=1)
°API Gravity -----	48.40 @ 60°F
Molecular Weight -----	151.1
Vapor Volume -----	16.11 CF/Gal
Weight -----	6.55 Lbs/Gal

Base Conditions: 15.025 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

Sampled By: (24) D. Field
Analyst: JL
Processor: HHdjv
Cylinder ID: W-1357

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 223726.002

TANKS DATA INPUT REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Carbon Dioxide	0.032	0.009	0.009
Nitrogen	0.039	0.007	0.007
Methane	3.221	0.897	0.342
Ethane	3.347	1.470	0.666
Propane	5.591	2.530	1.631
Isobutane	1.285	0.691	0.494
n-Butane	5.249	2.734	2.032
Isopentane	2.273	1.365	1.085
n-Pentane	3.462	2.061	1.653
Other C-6's	2.560	1.733	1.460
Heptanes	9.824	6.547	6.035
Octanes	11.096	8.277	7.835
Nonanes	5.895	5.176	4.942
Decanes Plus	39.337	62.215	67.568
Benzene	0.706	0.325	0.365
Toluene	1.543	0.849	0.941
E-Benzene	0.336	0.213	0.236
Xylenes	1.348	0.854	0.947
n-Hexane	2.197	1.484	1.253
2,2,4 Trimethylpentane	0.659	0.563	0.498
Totals:	100.000	100.000	100.000

Characteristics of Total Sample:

Specific Gravity -----	0.7866	(Water=1)
°API Gravity -----	48.40	@ 60°F
Molecular Weight-----	151.1	
Vapor Volume -----	16.11	CF/Gal
Weight -----	6.55	Lbs/Gal

Characteristics of Decanes (C10) Plus:

Specific Gravity -----	0.8542	(Water=1)
Molecular Weight-----	259.6	

Characteristics of Atmospheric Sample:

°API Gravity -----	45.04	@ 60°F
Reid Vapor Pressure Equivalent (D-6377)-----	10.73	psi

QUALITY CONTROL CHECK			
	Sampling Conditions	Test Samples	
Cylinder Number	-----	W-1357*	W-0969
Pressure, PSIG	150	137	137
Probe Temperature, °F	84	84	84

* Sample used for analysis

FESCO, Ltd.

Job Number: 223726.002

TOTAL EXTENDED REPORT - GPA 2186-M

COMPONENT	Mol %	LiqVol %	Wt %
Nitrogen	0.039	0.007	0.007
Carbon Dioxide	0.032	0.009	0.009
Methane	3.221	0.897	0.342
Ethane	3.347	1.470	0.666
Propane	5.591	2.530	1.631
Isobutane	1.285	0.691	0.494
n-Butane	5.109	2.646	1.965
2,2 Dimethylpropane	0.140	0.088	0.067
Isopentane	2.273	1.365	1.085
n-Pentane	3.462	2.061	1.653
2,2 Dimethylbutane	0.079	0.054	0.045
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.396	0.266	0.226
2 Methylpentane	1.304	0.889	0.744
3 Methylpentane	0.781	0.524	0.445
n-Hexane	2.197	1.484	1.253
Methylcyclopentane	1.724	1.002	0.960
Benzene	0.706	0.325	0.365
Cyclohexane	2.685	1.501	1.495
2-Methylhexane	0.701	0.535	0.465
3-Methylhexane	0.853	0.644	0.566
2,2,4 Trimethylpentane	0.659	0.563	0.498
Other C-7's	1.566	1.126	1.028
n-Heptane	2.295	1.739	1.522
Methylcyclohexane	3.871	2.556	2.515
Toluene	1.543	0.849	0.941
Other C-8's	5.318	4.117	3.879
n-Octane	1.907	1.605	1.441
E-Benzene	0.336	0.213	0.236
M & P Xylenes	0.983	0.626	0.691
O-Xylene	0.365	0.228	0.256
Other C-9's	4.577	3.957	3.823
n-Nonane	1.319	1.219	1.119
Other C-10's	4.396	4.177	4.110
n-decane	1.141	1.150	1.074
Undecanes(11)	4.244	4.137	4.128
Dodecanes(12)	3.138	3.305	3.343
Tridecanes(13)	3.208	3.622	3.715
Tetradecanes(14)	2.716	3.285	3.415
Pentadecanes(15)	2.377	3.080	3.241
Hexadecanes(16)	1.826	2.528	2.682
Heptadecanes(17)	1.615	2.365	2.533
Octadecanes(18)	1.531	2.359	2.542
Nonadecanes(19)	1.407	2.259	2.448
Eicosanes(20)	1.063	1.775	1.935
Heneicosanes(21)	0.931	1.635	1.793
Docosanes(22)	0.835	1.528	1.685
Tricosanes(23)	0.718	1.363	1.512
Tetracosanes(24)	0.621	1.221	1.361
Pentacosanes(25)	0.547	1.117	1.250
Hexacosanes(26)	0.502	1.062	1.194
Heptacosanes(27)	0.467	1.023	1.156
Octacosanes(28)	0.407	0.922	1.045
Nonacosanes(29)	0.372	0.871	0.990
Triacontanes(30)	0.322	0.778	0.887
Hentriacontanes Plus(31+)	<u>4.953</u>	<u>16.654</u>	<u>19.532</u>
Total	100.000	100.000	100.000

Flaring/Venting Event Volume (MCF):	125.17
Flare or vent:	Flare
Date:	12/19/2022
Time discovered:	7:00:00 AM
Time terminated:	7:15:00 AM
Total Duration (hrs):	0.15

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 187109

DEFINITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 187109
	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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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 187109

QUESTIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 187109
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	[30-025-46794] ENDER WIGGINS 14 TB FEDERAL COM #011H
Incident Facility	Unavailable.

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	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.

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	Not answered.
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	70
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

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.

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
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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 187109

QUESTIONS (continued)

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 187109
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/03/2022
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	07:15 AM
Cumulative hours during this event	0

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Downhole Well Maintenance Producing Well Natural Gas Vented Released: 125 Mcf Recovered: 0 Mcf Lost: 125 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
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	WO rig supervisor was trying to reduce wellhead pressure prior to nipping down the production tree and nipping up the BOP. The pressure reduction was conducted for safety reasons.
Steps taken to limit the duration and magnitude of vent or flare	The WO supervisor did not blow the well down to zero psi but rather limited the blow down period.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	In the future the WO supervisor will seek prior approval before blowing down any wells with high pressure. Communication with the CTB operator will be improved to reduce oversight.

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ACKNOWLEDGMENTS

Action 187109

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Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 187109
	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 187109

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 187109
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
icastro	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.	2/17/2023