

April 14, 2023

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

For: Enterprise Field Services, LLC
P. O. Box 1508
Carlsbad, New Mexico 88221

Sample: Sand Dunes North
Oxy Inlet
Spot Gas Sample @ 80 psig & 71 °F

Date Sampled: 03/29/2023

Job Number: 231744.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	1.653	
Carbon Dioxide	1.399	
Methane	71.503	
Ethane	13.184	3.611
Propane	7.165	2.022
Isobutane	0.920	0.308
n-Butane	2.289	0.739
2-2 Dimethylpropane	0.004	0.002
Isopentane	0.485	0.182
n-Pentane	0.532	0.198
Hexanes	0.357	0.151
Heptanes Plus	<u>0.509</u>	<u>0.212</u>
Totals	100.000	7.424

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity -----	3.349	(Air=1)
Molecular Weight -----	96.57	
Gross Heating Value -----	5217	BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity -----	0.800	(Air=1)
Compressibility (Z) -----	0.9956	
Molecular Weight -----	23.07	
Gross Heating Value		
Dry Basis -----	1360	BTU/CF
Saturated Basis -----	1337	BTU/CF

*Hydrogen Sulfide tested on location by: Stain Tube Method (GPA 2377)
Results: 0.031 Gr/100 CF, 0.5 PPMV or <0.0001 Mol%

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (24) D. Field
Analyst: JS
Processor: KV
Cylinder ID: ST-5791

Certified: FESCO, Ltd. - Alice, Texas

Conan Pierce 361-661-7015

FESCO, Ltd.

Job Number: 231744.001

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

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	< 0.001		< 0.001
Nitrogen	1.653		2.007
Carbon Dioxide	1.399		2.668
Methane	71.503		49.712
Ethane	13.184	3.611	17.181
Propane	7.165	2.022	13.692
Isobutane	0.920	0.308	2.317
n-Butane	2.289	0.739	5.766
2,2 Dimethylpropane	0.004	0.002	0.013
Isopentane	0.485	0.182	1.516
n-Pentane	0.532	0.198	1.663
2,2 Dimethylbutane	0.005	0.002	0.019
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.038	0.016	0.142
2 Methylpentane	0.111	0.047	0.415
3 Methylpentane	0.059	0.025	0.220
n-Hexane	0.144	0.061	0.538
Methylcyclopentane	0.068	0.025	0.248
Benzene	0.024	0.007	0.081
Cyclohexane	0.089	0.031	0.325
2-Methylhexane	0.019	0.009	0.083
3-Methylhexane	0.021	0.010	0.091
2,2,4 Trimethylpentane	0.013	0.007	0.064
Other C7's	0.042	0.019	0.181
n-Heptane	0.045	0.021	0.195
Methylcyclohexane	0.072	0.030	0.306
Toluene	0.019	0.007	0.076
Other C8's	0.053	0.025	0.253
n-Octane	0.015	0.008	0.074
Ethylbenzene	0.001	0.000	0.005
M & P Xylenes	0.006	0.002	0.028
O-Xylene	0.001	0.000	0.005
Other C9's	0.017	0.009	0.093
n-Nonane	0.003	0.002	0.017
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	7.424	100.000

Computed Real Characteristics of Total Sample

Specific Gravity -----	0.800	(Air=1)
Compressibility (Z) -----	0.9956	
Molecular Weight -----	23.07	
Gross Heating Value		
Dry Basis -----	1360	BTU/CF
Saturated Basis -----	1337	BTU/CF

April 14, 2023

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Sample: Sand Dunes North
Oxy Inlet
Spot Gas Sample @ 80 psig & 71 °F

Date Sampled: 03/29/2023

Job Number: 231744.001

GLYCALC FORMAT

COMPONENT	MOL%	GPM	Wt %
Carbon Dioxide	1.399		2.668
Hydrogen Sulfide	< 0.001		< 0.001
Nitrogen	1.653		2.007
Methane	71.503		49.712
Ethane	13.184	3.611	17.181
Propane	7.165	2.022	13.692
Isobutane	0.920	0.308	2.317
n-Butane	2.293	0.741	5.779
Isopentane	0.485	0.182	1.516
n-Pentane	0.532	0.198	1.663
Cyclopentane	0.000	0.000	0.000
n-Hexane	0.144	0.061	0.538
Cyclohexane	0.089	0.031	0.325
Other C6's	0.213	0.090	0.796
Heptanes	0.195	0.084	0.798
Methylcyclohexane	0.072	0.030	0.306
2,2,4 Trimethylpentane	0.013	0.007	0.064
Benzene	0.024	0.007	0.081
Toluene	0.019	0.007	0.076
Ethylbenzene	0.001	0.000	0.005
Xylenes	0.007	0.003	0.033
Octanes Plus	<u>0.089</u>	<u>0.044</u>	<u>0.443</u>
Totals	100.000	7.424	100.000

Real Characteristics Of Octanes Plus:

Specific Gravity ----- 3.985 (Air=1)
Molecular Weight ----- 114.92
Gross Heating Value ----- 6019 BTU/CF

Real Characteristics Of Total Sample:

Specific Gravity ----- 0.800 (Air=1)
Compressibility (Z) ----- 0.9956
Molecular Weight ----- 23.07
Gross Heating Value
Dry Basis ----- 1360 BTU/CF
Saturated Basis ----- 1337 BTU/CF

The gas loss was calculated by the scfm stamped on the side of the PRV multiplied by the time of release.

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1625 N. French Dr., Hobbs, NM 88240
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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 246114

DEFINITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 246114
	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: <ul style="list-style-type: none">• 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 246114

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 246114
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites	
<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	[fAPP2122928745] Enterprise Carlsbad GS

Determination of Reporting Requirements	
<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	Yes
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

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	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	72
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	1
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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QUESTIONS, Page 2

Action 246114

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 246114
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/29/2023
Time vent or flare was discovered or commenced	06:50 AM
Time vent or flare was terminated	06:53 AM
Cumulative hours during this event	1

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Cause: Other Gas Compressor Station Natural Gas Vented Released: 126 Mcf Recovered: 0 Mcf Lost: 126 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	Faulty valve caused gas to vent then the station to blow down
Steps taken to limit the duration and magnitude of vent or flare	The station automatically blew down due to low fuel pressure
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The valve was repaired before the station was brought back online.

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ACKNOWLEDGMENTS

Action 246114

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	Action Number: 246114
	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 complete 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 246114

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 246114
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
rhdonaway	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.	7/31/2023