

September 16, 2024

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

For: Civitas Resources
 555 17th Street, Suite 3700
 Denver, Colorado 80202

Sample: Queen Keely CTB
 Sweet Inlet Separator
 Spot Gas Sample @ 135 psig & 97 °F

Date Sampled: 09/08/2024

Job Number: 243170.001

CHROMATOGRAPH EXTENDED ANALYSIS - GPA 2286

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	< 0.001	
Nitrogen	2.647	
Carbon Dioxide	2.499	
Methane	67.671	
Ethane	14.129	3.871
Propane	7.885	2.225
Isobutane	0.897	0.301
n-Butane	2.310	0.746
2-2 Dimethylpropane	0.004	0.002
Isopentane	0.459	0.172
n-Pentane	0.498	0.185
Hexanes	0.378	0.159
Heptanes Plus	<u>0.623</u>	<u>0.253</u>
Totals	100.000	7.914

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity -----	3.312	(Air=1)
Molecular Weight -----	95.48	
Gross Heating Value -----	5120	BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity -----	0.829	(Air=1)
Compressibility (Z) -----	0.9954	
Molecular Weight -----	23.90	
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: 0.189 Gr/100 CF, 3.0 PPMV or 0.0003 Mol%

Base Conditions: 15.025 PSI & 60 Deg F

Sampled By: (16) D. Field
 Analyst: KV
 Processor: KV
 Cylinder ID: A-0880

Certified: FESCO, Ltd. - Alice, Texas

 Conan Pierce 361-661-7015

FLARING SUMMARY

Battery	Date	Total Flare Vol (mcf)	Hrs Flared	Start	End

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 588641

DEFINITIONS

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 588641
	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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QUESTIONS, Page 2

Action 588641

QUESTIONS (continued)

Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195
	Action Number: 588641
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	05/17/2026
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	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Normal Operations Tank (Any) Natural Gas Flared Released: 110 Mcf Recovered: 0 Mcf Lost: 110 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.	True
Please explain reason for why this event was beyond this operator's control	The location experienced normal operations and the flaring can be attributed to flash gas/tank vapors coming off the tank and going to low pressure flare.
Steps taken to limit the duration and magnitude of vent or flare	Standard PM. Worked with vendor to coordinate service time and minimize downtime.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Standard PM. No way to avoid periodic downtime for maintenance/repairs to address unforeseen issues.



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