

## MANLEY GAS TESTING, INC.

P.O. DRAWER 193  
OFFICE(432)367-3024

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ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 150 - 0  
REC. NO. .... 8  
TEST NUMBER.. 57768DATE SAMPLED..... 04-29-24  
DATE RUN..... 05-03-24  
EFFEC. DATE..... 05-01-24

STATION NO. ... 633048

PRODUCER ..... DMS

SAMPLE NAME.... FADAWAY RIDGE COMP FLARE

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 1004.2 PSIA

FLOWING TEMPERATURE ..... 113 F

SAMPLED BY: FT

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.003	
NITROGEN.....	1.729	
CARBON DIOXIDE....	0.360	
METHANE.....	78.506	
ETHANE.....	11.250	3.003
PROPANE.....	4.960	1.364
ISO-BUTANE.....	0.645	0.211
NOR-BUTANE.....	1.477	0.465
ISO-PENTANE.....	0.336	0.122
NOR-PENTANE.....	0.324	0.117
HEXANES +.....	0.410	0.178
TOTALS .....	100.000	5.460

H2S PPMV = 30

'Z' FACTOR (DRY) = 0.9965  
'Z' FACTOR (WET) = 0.9961

CALC. MOL. WT. = 20.90

## ..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.7238

REAL, WET ..... 0.7224

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY .... 1234

BTU/CF - REAL, WET .... 1213

## DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT  
\*\* R \*\*

APPROVED:



**Indicate Event Type Flare Event Type (1=SSM, 2=Emerg, 3=Malf, 4=Excess)****Data Entry - New Mexico Flaring - Flare Event Indicators**

Report Run Date:

Date	EDDY, NM > Fadeaway Ridge CS > n. FL-1_Flare > Volume of Gas
03/02/2025 12:00 AM	0.000
03/02/2025 1:00 AM	0.000
03/02/2025 2:00 AM	0.000
03/02/2025 3:00 AM	0.000
03/02/2025 4:00 AM	0.000
03/02/2025 5:00 AM	0.000
03/02/2025 6:00 AM	0.000
03/02/2025 7:00 AM	0.000
03/02/2025 8:00 AM	0.000
03/02/2025 9:00 AM	20.486
03/02/2025 10:00 AM	49.897
03/02/2025 11:00 AM	60.572
03/02/2025 12:00 PM	24.700
03/02/2025 1:00 PM	22.383
03/02/2025 2:00 PM	15.661
03/02/2025 3:00 PM	10.225
03/02/2025 4:00 PM	2.353
03/02/2025 5:00 PM	4.586
03/02/2025 6:00 PM	0.300
03/02/2025 7:00 PM	0.961
03/02/2025 8:00 PM	20.853
03/02/2025 9:00 PM	0.000
03/02/2025 10:00 PM	0.000
03/02/2025 11:00 PM	0.000

232.976

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 438132

DEFINITIONS

Operator:  FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID:  221115
	Action Number:  438132
	Action Type:  [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

<p>For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:</p> <ul style="list-style-type: none"><li>• this application's operator, hereinafter "this operator";</li><li>• venting and/or flaring, hereinafter "vent or flare";</li><li>• any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms";</li><li>• the statements in (and/or attached to) this, hereinafter "the statements in this";</li><li>• and the past tense will be used in lieu of mixed past/present tense questions and statements.</li></ul>
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QUESTIONS

Action 438132

**QUESTIONS**

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 438132
	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	[fAPP2123229442] Frontier Field Services Gathering System

<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	Yes
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 <b>at least 50 MCF</b> of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of <b>ANY</b> 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 withing 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	79
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	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	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 438132

**QUESTIONS (continued)**

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	Action Number: 438132
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	03/02/2025
Time vent or flare was discovered or commenced	09:00 AM
Time vent or flare was terminated	08:00 PM
Cumulative hours during this event	12

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: High Line Pressure   Pipeline (Any)   Natural Gas Flared   Released: 233 Mcf   Recovered: 0 Mcf   Lost: 233 Mcf.
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	High inlet pressure forcing station to flare for safety reasons
Steps taken to limit the duration and magnitude of vent or flare	Resumed normal operations once pressures were safe to do so.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Resumed normal operations once pressures were safe to do so. High pressures result in flaring for safety reasons, flaring likely when pressures are high.



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ACKNOWLEDGMENTS

Action 438132

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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 438132

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	Action Number: 438132
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
sorozco	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.	3/3/2025