

MANLEY GAS TESTING, INC.

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

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ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COM

CHARGE..... 150 - 0  
REC. NO. .... 18  
TEST NUMBER.. 23729

DATE SAMPLED..... 04-28-21  
DATE RUN..... 04-29-21  
EFFEC. DATE..... 04-01-21

STATION NO. ... 06011008

PRODUCER ..... DURANGO MIDSTEAM

SAMPLE NAME.... CEDAR LAKE FLARE GAS TYPE: COMPOSITE

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 126.0 PSIA FLOWING TEMPERATURE ..... 65 F

SAMPLED BY: JT CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.040	
NITROGEN.....	2.797	
CARBON DIOXIDE.....	0.628	
METHANE.....	73.527	
ETHANE.....	11.838	3.161
PROPANE.....	6.091	1.676
ISO-BUTANE.....	0.781	0.255
NOR-BUTANE.....	1.957	0.616
ISO-PENTANE.....	0.541	0.198
NOR-PENTANE.....	0.557	0.202
HEXANES +.....	1.243	0.542
TOTALS .....	100.000	6.650

H2S PPMV = 400

'Z' FACTOR (DRY) = 0.9959

'Z' FACTOR (WET) = 0.9955

CALC. MOL. WT. = 22.65

..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.7852

REAL, WET ..... 0.7827

..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY ..... 1303

BTU/CF - REAL, WET ..... 1281

DISTRIBUTION AND REMARKS:

N

ANALYZED BY: JT

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APPROVED: 

Date of Report:	08/17/23
Time of Report:	11:30 PM
Durango Midstream Entity:	Frontier Field Services, LLC
Durango Midstream Facility:	MAL-CL Inlet Loop - 10" Poly Line
Gathering System ID:	MAL: 71540

**Release Information**

Release Event Type:	Leak - Pipeline Release
If Release Type = Air Emission Event - Please Choose:	Emergency
Comments:	Natural-H2S gas release due to Line Strike
NMOC Ticket:	

Media Impacted by Release:	Air
Event Start Date:	08/17/23
Event Start Time:	3:15 PM
Event End Date:	08/17/23
Event End Time:	5:30 PM

Material Released				
<b>Gas</b>	<b>Field Gas - Sour</b>	<b>330.37</b>	<b>MSCF</b>	<b>Estimated Quantity</b>
<b>Liquid</b>	<b>Condensate</b>	<b>0</b>	<b>BBL</b>	<b>Estimated Quantity</b>
<b>If other - Specify</b>				

Where any Materials Released Off-site?	No
Is the Release Event Reportable?	No
Agency Name Release Reported to:	
<b>Does the Release Require Remediation?</b>	No
Latitude of Spill or Release: (Decimal)	N32.7555945°
Longitude of Spill or Release: (Decimal)	W103.8344889°
Name of Person Reporting Event:	John Lopez

Cause of the Event:	Line Strike
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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**

DEFINITIONS

Action 253762

**DEFINITIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 253762
	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

Action 253762

**QUESTIONS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 253762
	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	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

<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	74
Nitrogen (N2) percentage, if greater than one percent	3
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 253762

**QUESTIONS (continued)**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 253762
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Date(s) and Time(s)</b>	
Date vent or flare was discovered or commenced	08/18/2023
Time vent or flare was discovered or commenced	07:00 AM
Time vent or flare was terminated	05:30 PM
Cumulative hours during this event	2

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Cause: Other   Pipeline (Any)   Natural Gas Vented   Released: 330 Mcf   Recovered: 0 Mcf   Lost: 330 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.

<b>Venting or Flaring Resulting from Downstream Activity</b>	
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.

<b>Steps and Actions to Prevent Waste</b>	
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	third party struck our line. operator not able to control third party actions.
Steps taken to limit the duration and magnitude of vent or flare	clamped line, third party will repair.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	clamped line, third party will repair.



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ACKNOWLEDGMENTS

Action 253762

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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 253762

**CONDITIONS**

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	Action Number: 253762
	Action Type: [C-129] Venting and/or Flaring (C-129)

**CONDITIONS**

Created By	Condition	Condition Date
mtaylor	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.	8/18/2023