

## MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 150 - 0  
REC. NO. .... 42  
TEST NUMBER.. 24696DATE SAMPLED..... 01-26-22  
DATE RUN..... 02-03-22  
EFFEC. DATE..... 02-01-22

STATION NO. ... 06511001

PRODUCER ..... DURANGO MIDSTREAM

SAMPLE NAME.... LOBO COMPRESSOR FLARE

TYPE: SPOT

RECEIVED FROM.. FRONTIER FIELD SERVICES LLC - MALJAMAR

FLOWING PRESSURE ..... 514.0 PSIA

FLOWING TEMPERATURE ..... 71 F

SAMPLED BY: DD

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.200	
NITROGEN.....	5.432	
CARBON DIOXIDE.....	0.879	
METHANE.....	70.564	
ETHANE.....	12.667	3.381
PROPANE.....	6.285	1.728
ISO-BUTANE.....	0.744	0.243
NOR-BUTANE.....	1.831	0.576
ISO-PENTANE.....	0.530	0.194
NOR-PENTANE.....	0.538	0.195
HEXANES +.....	0.330	0.143
TOTALS .....	100.000	6.460

H2S PPMV = 2000

'Z' FACTOR (DRY) = 0.9963

'Z' FACTOR (WET) = 0.9959

CALC. MOL. WT. = 22.45

## ..CALCULATED SPECIFIC GRAVITIES..

REAL, DRY ..... 0.7778

REAL, WET ..... 0.7754

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - REAL, DRY .... 1240

BTU/CF - REAL, WET .... 1218

## DISTRIBUTION AND REMARKS:

N

ANALYZED BY: KC

\*\* R \*\*

~ HE ~

APPROVED: 

**Indicate Event Type Flare Event Type****Data Entry - New Mexico Flaring - Flare Event I**

Report Run Date:

Date	EDDY, NM > Lobo CS > n. 16_Flare > Volume of Gas to Flare_Hourly (mscf)
09/09/2022 12:00 AM	37.150
09/09/2022 1:00 AM	108.730
09/09/2022 2:00 AM	54.600
09/09/2022 3:00 AM	68.410
09/09/2022 4:00 AM	52.760
09/09/2022 5:00 AM	52.000
09/09/2022 6:00 AM	6.264
09/09/2022 7:00 AM	0.015
09/09/2022 8:00 AM	0.081
09/09/2022 9:00 AM	0.000
09/09/2022 10:00 AM	0.000
09/09/2022 11:00 AM	0.000
09/09/2022 12:00 PM	0.653
09/09/2022 1:00 PM	3.879
09/09/2022 2:00 PM	168.745
09/09/2022 3:00 PM	233.890
09/09/2022 4:00 PM	14.936
09/09/2022 5:00 PM	0.167
09/09/2022 6:00 PM	0.004
09/09/2022 7:00 PM	0.464
09/09/2022 8:00 PM	0.047
09/09/2022 9:00 PM	0.025
09/09/2022 10:00 PM	4.494
09/09/2022 11:00 PM	0.004
Total	807.318

## Amber Groves

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**From:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>  
**Sent:** Tuesday, September 13, 2022 8:17 AM  
**To:** Amber Groves  
**Subject:** RE: [EXTERNAL] C-129 Submittals

Amber,

Much appreciated feedback I will pass it to our IT developers. I believe the issue was fixed late last night so please try resubmitting this morning and let me know if you have any issues.

Thanks,

**Cory Smith** • Environmental Specialist Supervisor  
Environmental Bureau  
EMNRD - Oil Conservation Division  
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113  
505.419.2687 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

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**From:** Amber Groves <AGroves@durangomidstream.com>  
**Sent:** Monday, September 12, 2022 2:23 PM  
**To:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Marcus, Ramona, EMNRD <Ramona.Marcus@state.nm.us>  
**Subject:** RE: [EXTERNAL] C-129 Submittals

Good Afternoon, Cory,

I apologize as it looks like I did get two C-129's through this morning, but I did not receive an e-mail stating that they had gone through. I just tried the initial notification from Saturday again and I am still getting the same error message.

Thank you,

Amber

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**From:** Amber Groves  
**Sent:** Monday, September 12, 2022 11:00 AM  
**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Billings, Bradford, EMNRD <[Bradford.Billings@state.nm.us](mailto:Bradford.Billings@state.nm.us)>; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Marcus, Ramona, EMNRD <[Ramona.Marcus@state.nm.us](mailto:Ramona.Marcus@state.nm.us)>  
**Subject:** RE: [EXTERNAL] C-129 Submittals

Good Morning, Cory,

None of the ones I have tried to submit this weekend or morning have gone through. I just tried again and am still getting the same error message.

Thank you,

Amber

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Monday, September 12, 2022 10:33 AM

**To:** Amber Groves <[AGroves@durangomidstream.com](mailto:AGroves@durangomidstream.com)>; Billings, Bradford, EMNRD <[Bradford.Billings@state.nm.us](mailto:Bradford.Billings@state.nm.us)>; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Marcus, Ramona, EMNRD <[Ramona.Marcus@state.nm.us](mailto:Ramona.Marcus@state.nm.us)>

**Subject:** RE: [EXTERNAL] C-129 Submittals

Amber,

I noticed that you got one in this morning? Is everything working as intended now?

**Cory Smith** • Environmental Specialist Supervisor  
Environmental Bureau  
EMNRD - Oil Conservation Division  
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113  
505.419.2687 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Amber Groves <[AGroves@durangomidstream.com](mailto:AGroves@durangomidstream.com)>

**Sent:** Saturday, September 10, 2022 12:45 PM

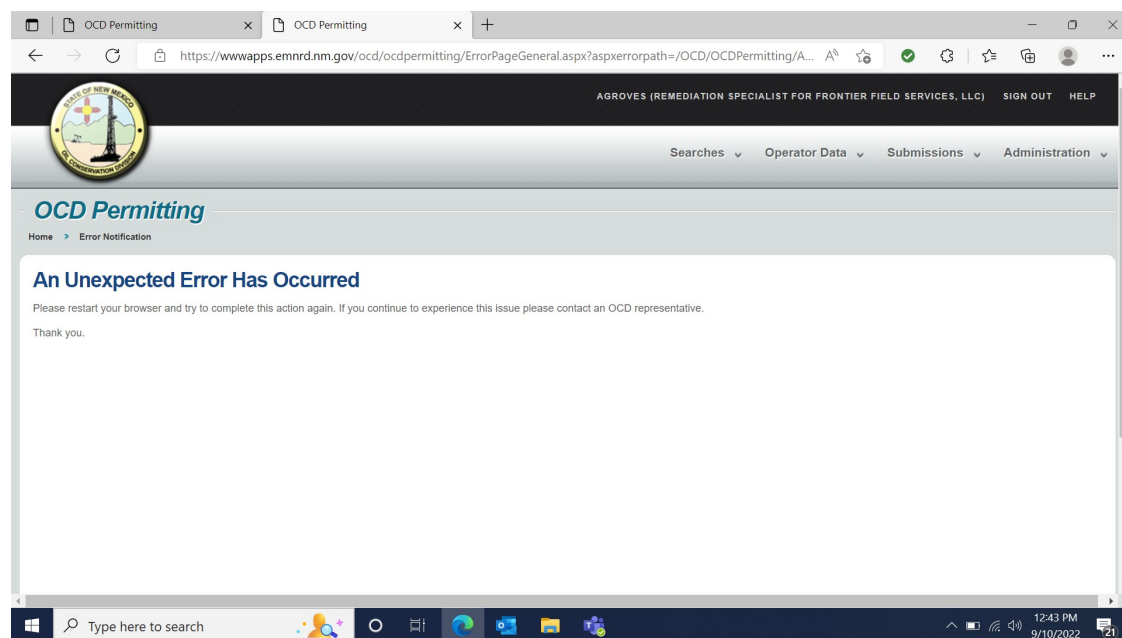
**To:** Billings, Bradford, EMNRD <[Bradford.Billings@state.nm.us](mailto:Bradford.Billings@state.nm.us)>; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Marcus, Ramona, EMNRD <[Ramona.Marcus@state.nm.us](mailto:Ramona.Marcus@state.nm.us)>

**Subject:** [EXTERNAL] C-129 Submittals

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Afternoon,

I have a flare report immediate notification that I have been trying to submit most of the day and I am getting the below error message. I will continue trying but want to make sure that a notification goes out as a just in case. This flare is located at Frontier's Lobo Compressor station. I have also included the site information screen shot. I am also unsure of who to contact for this, so if one of you could point me in the right direction, I would appreciate it!



AGROVES (REMEDIATION SPECIALIST FOR FRONTIER FIELD SERVICES, LLC) SIGN OUT HELP

Searches Operator Data Submissions Administration

Email: agroves@durangomidstream.com Fee Amount: \$0.00

Edit Submission Contact Details

Application Details

District	County	Location	Type	ID
Artesia	Eddy	-18-17S-31E 0 PHL 0 FEL 3Z.6374--103.915 NAD83	Facility ID	IAPP2123032826

Add Location Add Well API

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:

Thank you,

**Amber Groves | Sr. Environmental Specialist**  
**Mobile 575.703.7992**



<https://www.durangomidstream.com/>  
[agroves@durangomidstream.com](mailto:agroves@durangomidstream.com)

**CONFIDENTIALITY NOTICE:**

This email, including attachments, may include confidential and/or proprietary information, and may be used only by the person or entity to which it is addressed. Please do not read, copy or disseminate this communication unless you are the intended addressee. If you have received this communication in error, please permanently delete and call (575) 513-4922 immediately and ask to speak to the sender of this communication. Also, please notify immediately via email that you have received this message in error.

**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 142252

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 142252
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 142252

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 142252
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 Operator	[221115] FRONTIER FIELD SERVICES, LLC
Incident Type	Flare
Incident Status	Closure Not Approved
Incident Well	Not answered.
Incident Facility	[fAPP2123032826] Lobo Compressor Station
Only valid Vent, Flare or Vent with Flaring incidents (selected above in the Application Details section) that are assigned to your current operator can be amended with this C-129A application.	

<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	Yes
Is this considered a submission for a vent or flare event	Yes, major 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	Gas Compressor Station
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	71
Nitrogen (N2) percentage, if greater than one percent	5
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) 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 Sufide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (C02) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 142252

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 142252
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/09/2022
Time vent or flare was discovered or commenced	02:00 PM
Time vent or flare was terminated	11:00 PM
Cumulative hours during this event	20

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure   Gas Compressor Station   Natural Gas Flared   Released: 807 Mcf   Recovered: 0 Mcf   Lost: 807 Mcf ]
Other Released Details	Cause:     Other (Specify)   Released: 0 (Unknown Released Amount)   Recovered: 0   Lost: 0 ]
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	Various unscheduled maintenance/ startup activities.
Steps taken to limit the duration and magnitude of vent or flare	Addressed issues and made appropriate corrections.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Equipment shutdowns occur to prevent further damage to equipment. reoccurrence is likely.



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ACKNOWLEDGMENTS

Action 142252

**ACKNOWLEDGMENTS**

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 142252
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that with this application I will be amending an existing incident file (assigned to this operator) for a vent or flare event, pursuant to 19.15.27 and 19.15.28 NMAC.
<input checked="" type="checkbox"/>	I acknowledge that amending an incident file does not replace original submitted application(s) or information and understand that any C-129 forms submitted to the OCD will be logged and stored as public record.
<input checked="" type="checkbox"/>	I hereby certify the statements in this amending 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 142252

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 10077 Grogans Mill Rd. The Woodlands, TX 77380	OGRID: 221115
	Action Number: 142252
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
agroves	If the information provided in this report requires further amendment(s), submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	9/14/2022