

MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

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

CHARGE..... 160
REC. NO. 23
TEST NUMBER.. 31171

DATE SAMPLED..... 04-22-25 09:00
DATE RUN..... 04-24-25 10:10
EFFEC. DATE..... 04-01-25
CALIBRATION DATE... 04-23-25
INSTRUMENT ID GC-INFICON 3000A

SAMPLE TYPE SPOT
HEAT TRACE USED.. NO
SAMPLE POINT RECEIPT PT.
SAMPLING METHOD.. FILL&PURGE
STATION NO. 19G003304
PROPERTY ID N/A
PRODUCER KINETIK
SAMPLE NAME..... ARROWHWAD INLET PSI
FLOW RATE(MSCFD) 0
RECEIVED FROM ... KINETIK - HOUSTON TX

FLOWING PRESS. 24 PSIG FLOWING TEMP. 51 F AMBIENT TEMP. 55 F
SAMPLED BY: JQ CYLINDER NO.. NONE

FRACTIONAL ANALYSIS CALCULATED @ 14.650 PSIA AND 60F

	UN-NORM MOL%	NORM MOL%	GPM (REAL)	
HYDROGEN SULFIDE.	0.0000	0.0015		
NITROGEN.....	3.0160	3.0311		
CARBON DIOXIDE...	0.3490	0.3508		
METHANE.....	74.2869	74.6594		
ETHANE.....	11.7608	11.8198	3.155	H2S PPMV = 15
PROPANE.....	6.0109	6.0410	1.661	
ISO-BUTANE.....	0.8010	0.8050	0.263	
NOR-BUTANE.....	1.7970	1.8060	0.568	
ISO-PENTANE.....	0.4360	0.4382	0.160	'Z' FACTOR(DRY) = 0.9962
NOR-PENTANE.....	0.3810	0.3829	0.139	'Z' FACTOR(WET) = 0.9958
HEXANES +.....	0.6610	0.6643	0.289	
TOTALS	99.4996	100.0000	6.235	

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7571
IDEAL, WET 0.7547
REAL, DRY 0.7597
REAL, WET 0.7576

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1263.3
BTU/CF - IDEAL, WET 1241.2
BTU/CF - REAL, DRY 1268.1
BTU/CF - REAL, WET 1246.4

DISTRIBUTION AND REMARKS:

E.MCCASLAND/J.TORREZ/J.AUCOIN/C.DYER/L.HAMILTON

ANALYZED BY: MW
** 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	NM-EDDY > Arrowhead CS > n. FL- 1 > Volume of Gas to Flare Hourly (mscf)
08/27/2025 12:00 AM	113.930
08/27/2025 1:00 AM	209.850
08/27/2025 2:00 AM	214.664
08/27/2025 3:00 AM	239.032
08/27/2025 4:00 AM	36.918
08/27/2025 5:00 AM	57.704
08/27/2025 6:00 AM	63.183
08/27/2025 7:00 AM	34.747
08/27/2025 8:00 AM	62.971
08/27/2025 9:00 AM	86.393
08/27/2025 10:00 AM	22.949
08/27/2025 11:00 AM	0.000
08/27/2025 12:00 PM	0.000
08/27/2025 1:00 PM	0.000
08/27/2025 2:00 PM	0.000
08/27/2025 3:00 PM	0.000
08/27/2025 4:00 PM	0.000
08/27/2025 5:00 PM	0.000
08/27/2025 6:00 PM	0.000
08/27/2025 7:00 PM	0.000
08/27/2025 8:00 PM	0.000
08/27/2025 9:00 PM	0.000
08/27/2025 10:00 PM	0.000
08/27/2025 11:00 PM	0.000
Total	1,142.341

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 500126

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 500126
	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.

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

QUESTIONS

Action 500126

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 500126
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

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 ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System
<i>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.</i>	

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	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, 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 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	Not answered.
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	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	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.

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

QUESTIONS, Page 2

Action 500126

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 500126
	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	08/27/2025
Time vent or flare was discovered or commenced	12:00 AM
Time vent or flare was terminated	10:00 AM
Cumulative hours during this event	11

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Flared Released: 1,142 Mcf Recovered: 0 Mcf Lost: 1,142 Mcf.
Additional details for Measured or Estimated Volume(s). Please specify	<i>Not answered.</i>
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	<i>Not answered.</i>
Downstream OGRID that should have notified this operator	<i>Not answered.</i>
Date notified of downstream activity requiring this vent or flare	
Time notified of downstream activity requiring this vent or flare	<i>Not answered.</i>

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. Recurrence likely when pressures are high.

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

ACKNOWLEDGMENTS

Action 500126

ACKNOWLEDGMENTS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 500126
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 500126

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 500126
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
sorozco	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.	8/28/2025