

## MANLEY GAS TESTING, INC.

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

FAX(432)367-1166

ODESSA, TEXAS 79760  
E-MAIL: MANLEYGAST@AOL.COMCHARGE..... 160  
REC. NO. .... 4  
TEST NUMBER.. 30390  
SAMPLE TYPE ... COMPOSITEDATE SAMPLED..... 01-17-25  
DATE RUN..... 01-22-25  
EFFEC. DATE..... 01-01-25STATION NO. ... 18G014930  
PRODUCER ..... KINETIK  
SAMPLE NAME.... MGP CRYO #1 & 2 FUELRECEIVED FROM.. KINETIK  
LOCATION ..... HOUSTON TEXAS

FLOWING PRESSURE ..... 864 PSIG

FLOWING TEMPERATURE ..... 102 F

SAMPLED BY: DD

CYLINDER NO. ...

FRACTIONAL ANALYSIS  
CALCULATED @ 14.650 PSIA AND 60F

	MOL%	GPM (REAL)
HYDROGEN SULFIDE...	0.0000	
NITROGEN.....	5.5592	
CARBON DIOXIDE.....	0.0186	
METHANE.....	86.7692	
ETHANE.....	7.0641	1.882
PROPANE.....	0.5372	0.147
ISO-BUTANE.....	0.0176	0.006
NOR-BUTANE.....	0.0269	0.008
ISO-PENTANE.....	0.0031	0.001
NOR-PENTANE.....	0.0031	0.001
HEXANES +.....	0.0010	0.000
TOTALS .....	100.0000	2.045

'Z' FACTOR (DRY) = 0.9978  
'Z' FACTOR (WET) = 0.9975

## ..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.6173  
IDEAL, WET ..... 0.6174  
REAL, DRY ..... 0.6184  
REAL, WET ..... 0.6187

## ..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY .... 1013.5  
BTU/CF - IDEAL, WET .... 995.8  
BTU/CF - REAL, DRY .... 1015.7  
BTU/CF - REAL, WET .... 998.3

## DISTRIBUTION AND REMARKS:

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

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

APPROVED:



Gas Blow-Down Volume Calculator		
Date:	8/7/2025	
Site or Line Name:	Kings Landing GP	
Inside Diameter of Pipe or Vessel:	12	inches
Length or Height of Pipe or Vessel:	21,648	feet
Physical Volume of Pipe or Vessel:	17,002.29	cubic feet
Number of Occurrences:	1	Default is 1 for one blow-down
Purge Factor:	1	1 if purged, 0 if not purged
Compressibility Factor for Natural Gas:	1	Default is 1
Temperature:	100	Degrees F
Absolute Pressure:	930	psia (Gauge Pressure + 14.7)
Representative Gas Analysis	Please attach or email a representative gas analysis	
Constants		
Temperature at standard conditions:	60	Deg. F
Pressure at standard conditions:	14.7	PSIA
Volume of Gas:	981.77	MSCF
Notes		
Entered by user		
Calculated Value		
Constant		

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 494296

DEFINITIONS

Operator:  FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID:  221115
	Action Number:  494296
	Action Type:  [C-129] Amend Venting and/or Flaring (C-129A)

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 494296

**QUESTIONS**

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	Action Number: 494296
	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 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>	

<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, 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 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	87
Nitrogen (N2) percentage, if greater than one percent	6
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 494296

**QUESTIONS (continued)**

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	Action Number: 494296
	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	08/07/2025
Time vent or flare was discovered or commenced	08:00 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: Other   Other (Specify)   Natural Gas Vented   Released: 982 Mcf   Recovered: 0 Mcf   Lost: 982 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	
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. Corrective measures are to address repairs, if needed, and restart the equipment.



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ACKNOWLEDGMENTS

Action 494296

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**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 494296

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	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.	8/11/2025