

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. 106
TEST NUMBER.. 31587DATE SAMPLED..... 06-11-25 12:43
DATE RUN..... 06-19-25 08:35
EFFEC. DATE..... 06-01-25
CALIBRATION DATE... 06-18-25
INSTRUMENT ID GC-INFICON FUSION-2SAMPLE TYPE SPOT
HEAT TRACE USED.. NO
SAMPLE POINT RECEIPT PT.
SAMPLING METHOD.. FILL&PURGE
STATION NO. 18G048601
PROPERTY ID NMNM063472
PRODUCER MEWBOURNE OIL
SAMPLE NAME..... PHOENIX 21-22 B2CA
FLOW RATE(MSCFD) 2619
RECEIVED FROM ... KINETIK - HOUSTON TXFLOWING PRESS. 104 PSIG
SAMPLED BY: RFLOWING TEMP. 88 F
CYLINDER NO..

AMBIENT TEMP. 85 F

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	UN-NORM MOL%	NORM MOL%	GPM (REAL)	
HYDROGEN SULFIDE.	0.0000	0.0016		
NITROGEN.....	2.4110	2.4121		
CARBON DIOXIDE...	0.2320	0.2321		
METHANE.....	76.6816	76.7169		
ETHANE.....	11.8738	11.8793	3.170	H2S PPMV = 16
PROPANE.....	5.2599	5.2623	1.447	
ISO-BUTANE.....	0.5990	0.5993	0.196	
NOR-BUTANE.....	1.3820	1.3826	0.435	
ISO-PENTANE.....	0.3430	0.3432	0.125	'Z' FACTOR(DRY) = 0.9964
NOR-PENTANE.....	0.3420	0.3422	0.123	'Z' FACTOR(WET) = 0.9960
HEXANES +.....	0.8280	0.8284	0.361	
TOTALS	99.9523	100.0000	5.857	

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7388
IDEAL, WET 0.7368
REAL, DRY 0.7412
REAL, WET 0.7394

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1248.1
BTU/CF - IDEAL, WET 1226.3
BTU/CF - REAL, DRY 1252.6
BTU/CF - REAL, WET 1231.2

DISTRIBUTION AND REMARKS:

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

ANALYZED BY: CM
** 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 > Phoenix CS > n. FL-1 > Volume of Gas to Flare_Hourly (mscf)
09/26/2025 12:00 AM	1.104
09/26/2025 1:00 AM	1.088
09/26/2025 2:00 AM	1.070
09/26/2025 3:00 AM	1.048
09/26/2025 4:00 AM	1.052
09/26/2025 5:00 AM	1.066
09/26/2025 6:00 AM	1.126
09/26/2025 7:00 AM	13.030
09/26/2025 8:00 AM	4.830
09/26/2025 9:00 AM	24.784
09/26/2025 10:00 AM	5.267
09/26/2025 11:00 AM	0.618
09/26/2025 12:00 PM	0.611
09/26/2025 1:00 PM	0.589
09/26/2025 2:00 PM	1.791
09/26/2025 3:00 PM	0.572
09/26/2025 4:00 PM	0.534
09/26/2025 5:00 PM	0.378
09/26/2025 6:00 PM	0.359
09/26/2025 7:00 PM	0.347
09/26/2025 8:00 PM	0.317
09/26/2025 9:00 PM	0.298
09/26/2025 10:00 PM	0.334
09/26/2025 11:00 PM	0.267
Total	55.465

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 510601

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 510601
	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">• 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 510601

QUESTIONS

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	Action Number: 510601
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	Unavailable.
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

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, 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 withing 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	77
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 510601

QUESTIONS (continued)

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QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/26/2025
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	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Pipeline (Any) Natural Gas Flared Released: 55 Mcf Recovered: 0 Mcf Lost: 55 Mcf.
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.

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. Recurrence likely when pressures are high.

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ACKNOWLEDGMENTS

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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 complete 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 510601

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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.	9/30/2025