

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..... 10
TEST NUMBER.. 32752

DATE SAMPLED..... 01-06-26 09:30
DATE RUN..... 01-14-26 15:10
EFFEC. DATE..... 01-01-26
CALIBRATION DATE... 01-14-26
INSTRUMENT ID GC-INFICON FUSION-2

SAMPLE TYPE SPOT
HEAT TRACE USED.. NO
SAMPLE POINT RECEIPT PT.
SAMPLING METHOD.. FILL&PURGE
STATION NO. 18G036104
PROPERTY ID N/A
PRODUCER KINETIK
SAMPLE NAME..... LOCO HILLS INLET
FLOW RATE(MSCFD) 7696
RECEIVED FROM ... KINETIK - HOUSTON TX

FLOWING PRESS. 29 PSIG
SAMPLED BY: DD

FLOWING TEMP. 58 F
CYLINDER NO.. NONE

AMBIENT TEMP. 48 F

FRACTIONAL ANALYSIS CALCULATED @ 14.650 PSIA AND 60F

	UN-NORM MOL%	NORM MOL%	GPM (REAL)	
HYDROGEN SULFIDE.	0.0000	0.2800		
NITROGEN.....	2.7055	2.7180		
CARBON DIOXIDE...	0.8416	0.8455		
METHANE.....	70.9768	71.3055		
ETHANE.....	13.6088	13.6718	3.651	H2S PPMV = 2800
PROPANE.....	6.8119	6.8434	1.883	
ISO-BUTANE.....	0.8187	0.8225	0.269	
NOR-BUTANE.....	1.9655	1.9746	0.622	
ISO-PENTANE.....	0.4497	0.4518	0.165	'Z' FACTOR(DRY) = 0.9959
NOR-PENTANE.....	0.4258	0.4278	0.155	'Z' FACTOR(WET) = 0.9955
HEXANES +.....	0.6561	0.6591	0.287	
TOTALS	99.2604	100.0000	7.032	

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7828
IDEAL, WET 0.7800
REAL, DRY 0.7857
REAL, WET 0.7832

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1290.5
BTU/CF - IDEAL, WET 1267.9
BTU/CF - REAL, DRY 1295.8
BTU/CF - REAL, WET 1273.6

DISTRIBUTION AND REMARKS:

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

ANALYZED BY: JT
** R **

APPROVED: 

MANLEY GAS TESTING INC.
120 DOCK ROAD - ODESSA, TEXAS-432-367-3024

A SAMPLE OF 18G036104 LOCO HILLS INLET (01/06/26)

=====
CAPILLARY EXTENDED
C-6+ ANALYSIS
(NORMALIZED TO 100%)
=====

PAGE NO. 1

COMPONENT -----	MOL% -----	WT% -----
NEOHEXANE	0.294	0.280
2,3DMC4+CYC5	4.367	3.612
2MPENTANE	10.424	9.907
3MPENTANE	5.776	5.490
N-HEXANE	11.469	10.896
2,2 DMPENTANE	0.107	0.118
MCYCLOPENTANE	8.271	7.677
2,4 DMPENTANE	0.000	0.000
2,2,3 TMBUTANE	0.045	0.049
BENZENE	11.806	10.170
3,3 DMPENTANE	0.021	0.023
CYCLOHEXANE	11.086	10.290
2MHEXANE	1.546	1.708
2,3 DMPENTANE	1.217	1.345
3MHEXANE	2.010	2.222
DIMCYCPENTANES (GROUPED)	4.234	4.584
N-HEPTANE	3.745	4.138
MCYCLOHEXANE	6.804	7.368
2,2DMHEXANE	0.981	1.236
2,3,3TMPENTANE	0.039	0.050
TOLUENE	6.177	6.277
2,3DMHEXANE	0.106	0.134
2M3EPENTANE	0.028	0.036
2MHEPTANE	1.453	1.831
4MHEPTANE	0.262	0.330
3,4DMHEXANE	0.100	0.127
3MHEPTANE	0.805	1.014
TRIMCYCPENTANES (GROUPED)	0.119	0.149
DIMCYCHEXANES (GROUPED)	1.478	1.829
N-OCTANE	1.127	1.420
2,3,5TRIMHEXANE	0.034	0.048
2,2,4TRIMHEXANE	0.069	0.098
2,2DIMHEPTANE	0.013	0.018
2,2,3TRIMHEXANE	0.017	0.024
2,5DIMHEPTANE	0.023	0.032
I-NONANE	0.000	0.000
2,4DIMHEPTANE	0.026	0.037
E-CYCHEXANE	0.310	0.384
3,3DIMHEPTANE	0.108	0.152
2,6DIMHEPTANE	0.031	0.043
E-BENZENE	0.066	0.078
2,3DIMHEPTANE	0.029	0.041
M-XYLENE	0.491	0.575
P-XYLENE	0.138	0.162
3,4DIMHEPTANE	0.109	0.155
3EHEPTANE	0.030	0.042

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=====
CAPILLARY EXTENDED
C-6+ ANALYSIS
(NORMALIZED TO 100%)
=====

PAGE NO. 2

COMPONENT	MOL%	WT%
4MOCTANE	0.141	0.200
3MOCTANE	0.048	0.068
O-XYLENE	0.086	0.101
IC4CYCPENTANE	0.038	0.053
N-NONANE	0.252	0.356
I-DECANE	0.026	0.041
1E1MCYC6	0.030	0.042
IC3BENZENE	0.071	0.095
2,3DMOCTANE	0.190	0.298
3EOCTANE	0.401	0.629
NC4CYCC6	0.077	0.119
NC3BENZENE	0.085	0.113
M+P E-TOLUENE	0.151	0.200
O-E-TOLUENE	0.096	0.127
2,2DMOCTANE	0.120	0.188
TERTBUTYLBENZENE	0.033	0.048
1,3,5TMBENZENE	0.008	0.011
3,6DMOCTANE	0.021	0.032
IC4BENZENE	0.120	0.178
N-DECANE	0.092	0.144
UNKNOWN C-6'S	0.000	0.000
UNKNOWN C-7'S	0.000	0.000
UNKNOWN C-8'S	0.033	0.042
UNKNOWN C-9'S	0.442	0.625
UNK C10'S THRU C14'S	0.048	0.091
UNK C15'S THRU C16'S	0.000	0.000
UNK C17'S THRU C20'S	0.000	0.000
TOTAL	100.000	100.000

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COMPONENT GROUPINGS (PARAFFINS-NAPHTHENES-AROMATICS)
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	MOL%	WT%	* C6+ CHARACTERIZATION
TOTAL C-6'S	63.493	58.322	MOL.WEIGHT = 90.675
TOTAL C-7'S	25.906	27.832	SP.GRAVITY = 3.1308
TOTAL C-8'S	7.622	9.498	BTU/FT3(DRY) = 4808.289
TOTAL C-9'S	1.851	2.580	BTU/FT3(WET) = 4725.502
TOTAL C-10'S	1.080	1.677	CU.FT./GAL = 25.967
TOTAL C-11 THRU C-14	0.048	0.091	GAL/CU.FT. = 0.038510
TOTAL C-15 THRU C-16	0.000	0.000	MOL% C6+ AROMATICS = 19.328
TOTAL C-17 THRU C-20	0.000	0.000	
TOTAL	100.000	100.000	

Gas Volume Release Report

Gas Release Volume Calculator		
Date:	5/27/2026	
Site or Line Name:	Loco Hills CS	
Area of Hole in Pipe:	28.27	square inches
Absolute Pressure:	34.5	psia - absolute pressure (psia = psig gauge pressure + 14.7)
Duration of Release:	30.00	minutes
Actual Temperature:	60	Degrees F
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 - Actual Conditions	654.44	MACF
Volume of Gas - Standard Conditions	1,535.92	MSCF

Notes
Entered by user
Calculated Value
Constant

Note:

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 589106

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 589106
	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 589106

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 589106
	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	[fAPP2123032733] Loco Hills Compressor Station
<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	No
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	71
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 589106

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 589106
	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	05/27/2026
Time vent or flare was discovered or commenced	10:00 AM
Time vent or flare was terminated	10:30 AM
Cumulative hours during this event	0

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: 1,536 Mcf Recovered: 0 Mcf Lost: 1,536 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	
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.

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ACKNOWLEDGMENTS

Action 589106

ACKNOWLEDGMENTS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 589106
	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 589106

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 589106
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	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.	5/28/2026