

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..... 9
TEST NUMBER.. 32751DATE SAMPLED..... 01-09-26 11:18
DATE RUN..... 01-14-26 15:05
EFFECT. DATE..... 01-01-26
CALIBRATION DATE... 01-14-26
INSTRUMENT ID GC-INFICON FUSION-2SAMPLE TYPE SPOT
HEAT TRACE USED.. NO
SAMPLE POINT RECEIPT PT.
SAMPLING METHOD.. FILL&PURGE
STATION NO. 18G006304
PROPERTY ID N/A
PRODUCER KINETIK
SAMPLE NAME..... BKU INLET
FLOW RATE(MSCFD) 16186
RECEIVED FROM ... KINETIK - HOUSTON TXFLOWING PRESS. 29 PSIG
SAMPLED BY: DDFLOWING TEMP. 66 F
CYLINDER NO.. 215

AMBIENT TEMP. 52 F

FRACTIONAL ANALYSIS
CALCULATED @ 14.650 PSIA AND 60F

	UN-NORM MOL%	NORM MOL%	GPM (REAL)	
HYDROGEN SULFIDE.	0.0000	1.0000		
NITROGEN.....	2.6849	2.6965		
CARBON DIOXIDE...	1.3474	1.3532		
METHANE.....	69.0733	69.3716		
ETHANE.....	14.0878	14.1486	3.778	H2S PPMV = 10000
PROPANE.....	6.8399	6.8694	1.890	
ISO-BUTANE.....	0.8178	0.8213	0.268	
NOR-BUTANE.....	2.0147	2.0234	0.637	
ISO-PENTANE.....	0.4900	0.4921	0.180	'Z' FACTOR(DRY) = 0.9958
NOR-PENTANE.....	0.5019	0.5041	0.183	'Z' FACTOR(WET) = 0.9954
HEXANES +.....	0.7167	0.7198	0.313	
TOTALS	98.5744	100.0000	7.249	

..CALCULATED SPECIFIC GRAVITIES..

IDEAL, DRY..... 0.7992
IDEAL, WET 0.7961
REAL, DRY 0.8022
REAL, WET 0.7995

..CALCULATED GROSS HEATING VALUES..

BTU/CF - IDEAL, DRY 1289.4
BTU/CF - IDEAL, WET 1266.8
BTU/CF - REAL, DRY 1294.8
BTU/CF - REAL, WET 1272.7

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 18G006304 BKU INLET 1-9-26

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

PAGE NO. 1

COMPONENT	MOL%	WT%
NEOHEXANE	0.367	0.353
2,3DMC4+CYC5	5.103	4.276
2MPENTANE	12.632	12.163
3MPENTANE	7.002	6.742
N-HEXANE	13.713	13.209
2,2 DMPENTANE	0.116	0.130
MCYCLOPENTANE	8.909	8.378
2,4 DMPENTANE	0.000	0.000
2,2,3 TMBUTANE	0.017	0.019
BENZENE	11.040	9.636
3,3 DMPENTANE	0.019	0.022
CYCLOHEXANE	10.304	9.689
2MHEXANE	1.467	1.643
2,3 DMPENTANE	1.133	1.269
3MHEXANE	1.892	2.119
DIMCYCPENTANES (GROUPED)	4.086	4.484
N-HEPTANE	3.485	3.902
MCYCLOHEXANE	5.836	6.402
2,2DMHEXANE	0.730	0.931
2,3,3TMPENTANE	0.033	0.042
TOLUENE	4.729	4.868
2,3DMHEXANE	0.083	0.106
2M3EPENTANE	0.021	0.027
2MHEPTANE	1.400	1.787
4MHEPTANE	0.076	0.097
3,4DMHEXANE	0.643	0.820
3MHEPTANE	1.078	1.376
TRIMCYCPENTANES (GROUPED)	0.108	0.135
DIMCYCHEXANES (GROUPED)	0.561	0.704
N-OCTANE	0.898	1.146
2,3,5TRIMHEXANE	0.028	0.040
2,2,4TRIMHEXANE	0.053	0.075
2,2DIMHEPTANE	0.010	0.015
2,2,3TRIMHEXANE	0.009	0.013
2,5DIMHEPTANE	0.016	0.023
I-NONANE	0.000	0.000
2,4DIMHEPTANE	0.020	0.028
E-CYCHEXANE	0.225	0.282
3,3DIMHEPTANE	0.085	0.122
2,6DIMHEPTANE	0.025	0.035
E-BENZENE	0.044	0.053
2,3DIMHEPTANE	0.022	0.031
M-XYLENE	0.282	0.334
P-XYLENE	0.085	0.101
3,4DIMHEPTANE	0.073	0.104
3EHEPTANE	0.017	0.024

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120 DOCK ROAD - ODESSA, TEXAS-432-367-3024

A SAMPLE OF 18G006304 BKU INLET 1-9-26

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

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PAGE NO. 2

COMPONENT -----	MOL% ----	WT% ----
4MOCTANE	0.080	0.115
3MOCTANE	0.031	0.044
O-XYLENE	0.046	0.054
IC4CYCPENTANE	0.024	0.033
N-NONANE	0.153	0.219
I-DECANE	0.023	0.036
1E1MCYC6	0.016	0.023
IC3BENZENE	0.038	0.050
2,3DMOCTANE	0.107	0.170
3EOCTANE	0.217	0.345
NC4CYCC6	0.109	0.171
NC3BENZENE	0.073	0.097
M+P E-TOLUENE	0.044	0.059
O-E-TOLUENE	0.023	0.031
2,2DMOCTANE	0.030	0.048
TERTBUTYLBENZENE	0.016	0.024
1,3,5TMBENZENE	0.008	0.011
3,6DMOCTANE	0.020	0.032
IC4BENZENE	0.053	0.079
N-DECANE	0.042	0.067
UNKNOWN C-6'S	0.000	0.000
UNKNOWN C-7'S	0.000	0.000
UNKNOWN C-8'S	0.026	0.033
UNKNOWN C-9'S	0.326	0.467
UNK C10'S THRU C14'S	0.020	0.037
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-NAPTHENES-AROMATICS)

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	MOL%	WT%	* C6+ CHARACTERIZATION
TOTAL C-6'S	69.070	64.446	MOL.WEIGHT = 89.499
TOTAL C-7'S	22.780	24.858	SP.GRAVITY = 3.0902
TOTAL C-8'S	6.339	8.028	BTU/FT3(DRY) = 4763.950
TOTAL C-9'S	1.174	1.659	BTU/FT3(WET) = 4681.935
TOTAL C-10'S	0.617	0.972	CU.FT./GAL = 26.034
TOTAL C-11 THRU C-14	0.020	0.037	GAL/CU.FT. = 0.038411
TOTAL C-15 THRU C-16	0.000	0.000	MOL% C6+ AROMATICS = 16.481
TOTAL C-17 THRU C-20	0.000	0.000	
TOTAL	100.000	100.000	

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Indicate Event Type Flare Event Type (1=SSM, 2=Emerg, 3=Malf, 4=Excess)**New Mexico Flaring - Flare Event Indicators**

Report Run Date:

Date	NM-EDDY > BKU CS > n. FL- 1_Flare > Volume of Gas to Flare_Hourly (mscf)
09/06/2026 11:00 AM	292.710
09/06/2026 12:00 PM	947.060
09/06/2026 1:00 PM	934.620
09/06/2026 2:00 PM	801.010
09/06/2026 3:00 PM	643.440
09/06/2026 4:00 PM	452.800
09/06/2026 5:00 PM	186.600
09/06/2026 6:00 PM	143.370
09/06/2026 7:00 PM	132.770
09/06/2026 8:00 PM	55.320
Total	4,589.700

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

General Information
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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 623715

DEFINITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 623715
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 623715

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 623715
	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	[fAPP2123032650] BKU Compressor Station

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	69
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	1
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 623715

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 623715
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	09/06/2026
Time vent or flare was discovered or commenced	11:00 AM
Time vent or flare was terminated	08:00 PM
Cumulative hours during this event	10

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: 4,590 Mcf Recovered: 0 Mcf Lost: 4,590 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.

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ACKNOWLEDGMENTS

Action 623715

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	Action Number: 623715
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	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.
☒	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.
☒	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.
☒	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.
☒	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 623715

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 623715
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
ijimenez	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.	9/11/2026