

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764

BILLING ADDRESS:
P.O. BOX 69210
ODESSA, TEXAS 79769-0210



LABORATORIES, INC.

LABORATORY IN ODESSA
PHONE (432) 337-4744 | FAX (432) 337-8781

09/12/24

EXTENDED GAS ANALYSIS

LAB 76019

TARGA: BUCKEYE
INLET: 83830007

	MOL %	GPM
HYDROGEN SULFIDE	1.0858	0.000
NITROGEN	3.2385	0.000
METHANE	59.9915	0.000
CARBON DIOXIDE	8.8400	0.000
ETHANE	12.3633	3.305
PROPANE	7.7163	2.125
ISO-BUTANE	0.9882	0.323
N-BUTANE	2.6944	0.849
ISO-PENTANE	0.7982	0.292
N-PENTANE	0.8121	0.294
NEOHEXANE	0.0064	0.003
CYCLOPENTANE	0.0998	0.030
2-METHYLPENTANE	0.1754	0.073
3-METHYLPENTANE	0.1148	0.047
N-HEXANE	0.1979	0.081
METHYLCYCLOPENTANE	0.1294	0.046
BENZENE	0.1165	0.033
CYCLOHEXANE	0.1413	0.048
2-METHYLHEXANE	0.0282	0.013
3-METHYLHEXANE	0.0513	0.024
DIMETHYLCYCLOPENTANES	0.0559	0.023
N-HEPTANE	0.0502	0.023
METHYLCYCLOHEXANE	0.0832	0.033
TRIMETHYLCYCLOPENTANES	0.0049	0.002
TOLUENE	0.0690	0.023
2-METHYLHEPTANE	0.0277	0.014
3-METHYLHEPTANE	0.0012	0.001
DIMETHYLCYCLOHEXANES	0.0142	0.006
N-OCTANE	0.0127	0.007
ETHYL BENZENE	0.0135	0.005
M&P-XYLENES	0.0122	0.005
O-XYLENE	0.0043	0.002
C9 NAPHTHENES	0.0133	0.007
C9 PARAFFINS	0.0244	0.014
N-NONANE	0.0053	0.003
N-DECANE	0.0036	0.002
UNDECANE PLUS	0.0151	0.010
TOTALS	100.0000	7.766

SPECIFIC GRAVITY 0.921
GROSS DRY BTU/CU.FT. 1283.8
GROSS WET BTU/CU.FT. 1261.9
TOTAL MOL. WT. 26.545
MOL. WT. C6+ 90.399
SP. GRAVITY C6+ 3.562
MOL. WT. C7+ 105.149
SP. GRAVITY C7+ 4.483
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 09/04/24
33 PSI @ 78 °F
RUN: 09/09/24
SPOT SR
CYLINDER: 732
DISTRIBUTION: JOSEPH AUSTIN
10857.67 PPM H2S

Name: 830009
Desc: Buckeye Flare
Facility ID: BUCKEYEFLA_R1
Facility Desc: Buckeye Comp Flare
Associated Loc: BUCKEYE

Type: Meter (Gas)
Contract Hr: 0
SiteService: VRSDO.UIS
Time Zone: (UTC-07:00) Mount
DST: Yes

Hourly Time	Pulses	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU
9/24/24 0:00	-	0.00	28.51	64.02	0.00	0.00
9/24/24 1:00	-	0.00	29.11	62.85	0.00	0.00
9/24/24 2:00	-	0.00	28.86	61.77	0.00	0.00
9/24/24 3:00	-	0.00	28.81	60.97	0.00	0.00
9/24/24 4:00	-	0.00	28.83	60.50	0.00	0.00
9/24/24 5:00	-	0.00	28.80	60.39	0.00	0.00
9/24/24 6:00	-	0.00	28.84	59.51	0.00	0.00
9/24/24 7:00	-	0.00	28.96	60.09	0.00	0.00
9/24/24 8:00	-	0.00	29.29	63.71	0.00	0.00
9/24/24 9:00	-	0.00	29.47	69.21	0.00	0.00
9/24/24 10:00	-	0.00	29.55	73.77	0.00	0.00
9/24/24 11:00	-	0.00	29.34	77.13	0.00	0.00
9/24/24 12:00	-	5.65	41.81	88.66	4.78	5,714.77
9/24/24 13:00	-	22.94	42.62	90.16	90.46	108,097.00
9/24/24 14:00	-	21.48	42.65	87.55	97.45	116,455.20
9/24/24 15:00	-	16.95	42.58	85.19	88.47	105,721.30
9/24/24 16:00	-	20.63	42.60	83.01	102.15	122,073.30
9/24/24 17:00	-	30.29	42.59	80.06	128.37	153,401.90
9/24/24 18:00	-	21.89	42.52	77.56	103.97	124,239.10
9/24/24 19:00	-	24.88	42.62	75.01	116.87	139,661.50
9/24/24 20:00	-	25.96	42.57	73.71	117.09	139,925.00
9/24/24 21:00	-	21.46	42.69	73.07	60.87	72,737.86
9/24/24 22:00	-	0.00	33.16	71.10	0.00	0.00
9/24/24 23:00	-	0.00	31.36	67.71	0.00	0.00

Train Time (US & Car

FlowTime
sec
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
0.00
324.00
2,976.00
3,269.00
3,425.00
3,594.00
3,600.00
3,532.00
3,600.00
3,579.00
2,058.00
0.00
0.00

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 388147

DEFINITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 388147
	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.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 388147

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 388147
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

QUESTIONS

Prerequisites

Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.

Incident ID (n#)	Unavailable.
Incident Name	Unavailable.
Incident Type	Flare
Incident Status	Unavailable.
Incident Facility	[FPAC0614251161] Targa Buckeye Booster Station

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.

Determination of Reporting Requirements

Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.

Was this vent or flare caused by an emergency or malfunction	Yes
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.

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.

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

Please provide the mole percent for the percentage questions in this group.

Methane (CH4) percentage	60
Nitrogen (N2) percentage, if greater than one percent	3
Hydrogen Sulfide (H2S) PPM, rounded up	10,858
Carbon Dioxide (CO2) percentage, if greater than one percent	9
Oxygen (O2) percentage, if greater than one percent	0

If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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 388147

QUESTIONS (continued)

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 388147
	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	09/24/2024
Time vent or flare was discovered or commenced	12:55 PM
Time vent or flare was terminated	09:34 PM
Cumulative hours during this event	8

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Equipment Failure Gas Compressor Station Natural Gas Flared Released: 910 Mcf Recovered: 0 Mcf Lost: 910 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	Gas was intermittently routed to flare when compression shut down due to a surge of inlet liquids. The amount of inlet liquids is determined by the composition of gas sent to Buckeye by upstream third-party producers. This event was caused by the actions of a third party and was outside Targa's control.
Steps taken to limit the duration and magnitude of vent or flare	Gas was intermittently flared until the liquids were processed, and normal operations resumed.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The excess liquids were processed. Normal operations then resumed, and flaring ceased.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 388147

ACKNOWLEDGMENTS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 388147
	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.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 388147

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 388147
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)

CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	9/30/2024