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

08/29/23	EXTENDED	GAS ANALYSIS	LAB 70740
1		BUCKEYE 83830007	
1		MOL %	GPM
HYDROGEN SULFIDE	•	0.7480	0.000
NITROGEN ;		2.1696	
METHANE		* 74.7338	
CARBON DIOXÍDE		6.4018	
ETHANE		7.0399	
PROPANE	*	4.4028	
ISO-BUTANE		0.5836	
N-BUTANE		1.6029	
ISO-PENTANE		0.4953	
N-PENTANE		0.5052	
NEOHEXANE		0.0053	
CYCLOPENTANE		0.0576	
2-METHYLPENTANE		0.1051	
3-METHYLPENTANE		0.0705	
N-HEXANE		0.1285	
METHYLCYCLOPENTANE	•	0.0863	
BENZENE		0.0830	
CYCLOHEXANE		0.1097	
2-METHYLHEXANE		0.0244	
3-METHYLHEXANE		0.0434	
DIMETHYLCYCLOPENTANES		0.0476	
N-HEPTANE '		0.0502	
METHYLCYCLOHEXANE		0.0917	
TRIMETHYLCYCLOPENTANES		0.0057	
TOLUENE		0.0847	
2-METHYLHEPTANE		0.0363	0.019
3-METHYLHEPTANE		0.0112	0.006
DIMETHYLCYCLOHEXANES		0.0130	0.006
N-OCTANE		0.0222	0.011
ETHYL BENZEŅE		0.0257	0.010
M&P-XYLENES		0.0323	
O-XYLENE		0.0109	
C9 NAPHTHENĖS		0.0422	
C9 PARAFFINS		0.0474	
N-NONANE		0.0158	0.010
N-DECANE		0.0159	
UNDECANE PLUS		0,0505	0.034
TOTALS		100.0000	4.699
SPECIFIC GRAVITY	0.797		
GROSS DRY BTU/CU.FT.	1175.2	SAMPLED:	08/16/23
	1155.1		25 PSI @ 85 °F
TOTAL MOL. WT.	23.003	RUN:	08/24/23
MOL. WT. C6+,	97.378		SPOT SR
SP. GRAVITY C6+	3.949	CYLINDER:	
MOL. WT. C7+	111.122	DISTRIBUTION:	MR RAUL GIBSON
SP. GRAVITY C7+	4.875		7479.6 PPM H2S
DAGEG. 14 CE DOES O CO 90			

BASIS: 14.65 PSIA @ 60 °F

Meter ID: 830009	Location	Buckeye Flare		VRSDO.UIS		
	DP	SP	Temp	Volume	Energy	FlowTime
	inH2O	psi	F	MCF	MBTU	sec
12/9/23 0:00	0.000	25.594	48.511	0.000	0.000	0.000
12/9/23 1:00	0.000	25.206	45.333	0.000	0.000	0.000
12/9/23 2:00	42.876	47.605	43.673	15.345	18336.870	350.000
12/9/23 3:00	23.116	42.570	47.588	114.717	137086.800	3600.000
12/9/23 4:00	10.374	42.586	46.915	77.060	92086.150	3591.000
12/9/23 5:00	9.880	42.569	46.080	75.270	89947.470	3562.000
12/9/23 6:00	16.041	42.633	44.517	95.657	114310.500	3590.000
12/9/23 7:00	20.306	42.638	43.804	109.297	130610.300	3600.000
12/9/23 8:00	20.334	42.628	45.600	105.462	126026.900	3479.000
12/9/23 9:00	0.000	25.465	46.994	0.000	0.000	0.000
12/9/23 10:00	10.271	41.185	52.498	31.097	37160.980	1520.000
12/9/23 11:00	0.000	42.695	51.092	0.000	0.000	0.000
12/9/23 12:00	0.000	42.703	52.417	0.000	0.000	0.000
12/9/23 13:00	0.000	42.739	51.000	0.000	0.000	0.000
12/9/23 14:00	0.000	42.675	49.755	0.000	0.000	0.000
12/9/23 15:00	0.000	42.722	47.102	0.000	0.000	0.000
12/9/23 16:00	0.000	42.749	44.546	0.000	0.000	0.000
12/9/23 17:00	0.000	42.733	41.384	0.000	0.000	0.000
12/9/23 18:00	0.000	42.747	36.877	0.000	0.000	0.000
12/9/23 19:00	0.000	42.762	34.179	0.000	0.000	0.000
12/9/23 20:00	0.000	42.738	32.381	0.000	0.000	0.000
12/9/23 21:00	0.000	42.778	30.785	0.000	0.000	0.000
12/9/23 22:00	0.000	42.799	30.068	0.000	0.000	0.000
12/9/23 23:00	0.000	42.745	28.257	0.000	0.000	0.000
Avg/Total:	6.38	40.68	43.39	623.9045	745565.9700	23292.0000

District I
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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

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 296836

#### **DEFINITIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	296836
	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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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 

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QUESTIONS

Action 296836

Ol	JESTIONS
Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street Houston, TX 77002	Action Number: 296836
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)
QUESTIONS	[0-125] Amond Vonting and/or Flaming (0-125A)
<u></u>	
Prerequisites  Any messages presented in this section, will prevent submission of this application. Please resolve t.	hase 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	n) that are assigned to your current operator can be amended with this C-129A application.
Determination of Bounding Boundary	
Determination of Reporting Requirements  Answer all questions that apply. The Reason(s) statements are calculated based on your answers an	d may provide addional quidance
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	No
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 ve	enting 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 <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 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.
Danuscantative Commoditional Analysis of Vertex des Flored Natural Co	
Representative Compositional Analysis of Vented or Flared Natural Gas  Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	75
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	7,480
Carbon Dioxide (C02) percentage, if greater than one percent	6
Oxygen (02) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required speci	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sufide (H2S) PPM quality requirement  Carbon Dioxide (C02) percentage quality requirement	Not answered.
	Not answered

Not answered.

Oxygen (02) percentage quality requirement

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# **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 296836

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (continued)
Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street	24650 Action Number:
Houston, TX 77002	296836
	Action Type: [C-129] Amend Venting and/or Flaring (C-129A)
QUESTIONS	[0-129] Amena Venting and/or Harring (0-129A)
Date(s) and Time(s)	
Date vent or flare was discovered or commenced	12/09/2023
Time vent or flare was discovered or commenced	01:54 AM
Time vent or flare was terminated	10:25 AM
Cumulative hours during this event	6
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: 624 Mcf   Recovered: 0 Mcf   Lost: 624 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)	Voc. according to cumuliad volumes this appears to be a "goo only" report
is this a gas only submission (i.e. only significant file) values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.
Venting or Eleving Beauting from Dougetreem Activity	
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	True
and it was beyond this operator's control	True
Please explain reason for why this event was beyond this operator's control	Gas was routed to flare when the turbo on the compressor unexpectedly failed. Gas was
Please explain reason for why this event was beyond this operator's control	routed to flare to protect personnel and equipment.
Steps taken to limit the duration and magnitude of vent or flare	Gas was flared until the turbo was replaced and the unit was restarted.
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	The failed turbo was replaced. The compressor was then restarted, normal operations

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ACKNOWLEDGMENTS

Action 296836

# **ACKNOWLEDGMENTS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	296836
	Action Type:
	[C-129] Amend Venting and/or Flaring (C-129A)

## **ACKNOWLEDGMENTS**

$\overline{\lor}$	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.
V	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.
V	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.
V.	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.
V	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 296836

# **CONDITIONS**

Operator:	OGRID:
TARGA MIDSTREAM SERVICES LLC	24650
811 Louisiana Street	Action Number:
Houston, TX 77002	296836
	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.	12/21/2023