

SHIPPING ADDRESS:
2800 WESTOVER STREET
ODESSA, TEXAS 79764



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

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

08/20/21

EXTENDED GAS ANALYSIS

LAB 60791

TARGA: BUCKEYE
INLET: 83830007

	MOL %	GPM
HYDROGEN SULFIDE	0.2833	0.000
NITROGEN	2.2416	0.000
METHANE	80.0256	0.000
CARBON DIOXIDE	1.6413	0.000
ETHANE	7.6164	2.032
PROPANE	4.3616	1.199
ISO-BUTANE	0.5464	0.178
N-BUTANE	1.4838	0.467
ISO-PENTANE	0.4009	0.146
N-PENTANE	0.4148	0.150
NEOHEXANE	0.0050	0.002
CYCLOPENTANE	0.0478	0.014
2-METHYLPENTANE	0.0861	0.036
3-METHYLPENTANE	0.0551	0.022
N-HEXANE	0.1044	0.043
METHYLCYCLOPENTANE	0.0741	0.026
BENZENE	0.0685	0.019
CYCLOHEXANE	0.0926	0.031
2-METHYLHEXANE	0.0201	0.009
3-METHYLHEXANE	0.0249	0.011
DIMETHYLCYCLOPENTANES	0.0439	0.018
N-HEPTANE	0.0360	0.017
METHYLCYCLOHEXANE	0.0753	0.030
TRIMETHYLCYCLOPENTANES	0.0036	0.002
TOLUENE	0.0539	0.018
2-METHYLHEPTANE	0.0246	0.013
3-METHYLHEPTANE	0.0010	0.001
DIMETHYLCYCLOHEXANES	0.0146	0.007
N-OCTANE	0.0134	0.007
ETHYL BENZENE	0.0085	0.003
M&P-XYLENES	0.0153	0.006
O-XYLENE	0.0052	0.002
C9 NAPHTHENES	0.0154	0.008
C9 PARAFFINS	0.0288	0.017
N-NONANE	0.0062	0.004
N-DECANE	0.0038	0.002
UNDECANE PLUS	0.0562	0.037
TOTALS	100.0000	4.577

SPECIFIC GRAVITY 0.735
GROSS DRY BTU/CU.FT. 1204.2
GROSS WET BTU/CU.FT. 1183.6
TOTAL MOL. WT. 21.215
MOL. WT. C6+ 96.300
SP. GRAVITY C6+ 3.879
MOL. WT. C7+ 111.958
SP. GRAVITY C7+ 4.917
BASIS: 14.65 PSIA @ 60 °F

SAMPLED: 08/18/21
11 PSI @ 77 °F

RUN: 08/19/21

SPOT SR

CYLINDER: 1

DISTRIBUTION: MR JOSEPH AUSTIN
2833.24 PPM H2S

Meter ID: 830009

	Location Buckeye Flare			VRSDO.UIS		
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
11/15/21 0:00	0.000	21.587	45.334	0.000	0.000	0.000
11/15/21 1:00	0.000	21.605	43.829	0.000	0.000	0.000
11/15/21 2:00	66.361	27.166	43.415	0.378	451.680	10.000
11/15/21 3:00	15.506	42.894	53.468	84.240	100666.400	3249.000
11/15/21 4:00	11.053	42.717	53.973	54.963	65681.030	2474.000
11/15/21 5:00	0.000	27.463	46.406	0.000	0.000	0.000
11/15/21 6:00	0.000	21.913	43.265	0.000	0.000	0.000
11/15/21 7:00	0.000	21.606	42.299	0.000	0.000	0.000
11/15/21 8:00	0.000	21.562	48.697	0.000	0.000	0.000
11/15/21 9:00	0.000	21.651	63.452	0.000	0.000	0.000
11/15/21 10:00	0.000	21.701	73.674	0.000	0.000	0.000
11/15/21 11:00	0.000	21.720	78.794	0.000	0.000	0.000
11/15/21 12:00	0.000	21.694	84.054	0.000	0.000	0.000
11/15/21 13:00	0.000	21.774	86.967	0.000	0.000	0.000
11/15/21 14:00	0.000	21.735	87.800	0.000	0.000	0.000
11/15/21 15:00	0.000	21.639	87.286	0.000	0.000	0.000
11/15/21 16:00	0.000	21.546	84.561	0.000	0.000	0.000
11/15/21 17:00	0.000	21.528	78.018	0.000	0.000	0.000
11/15/21 18:00	0.000	21.487	68.548	0.000	0.000	0.000
11/15/21 19:00	0.000	21.450	62.087	0.000	0.000	0.000
11/15/21 20:00	0.000	21.472	59.664	0.000	0.000	0.000
11/15/21 21:00	0.000	21.495	56.621	0.000	0.000	0.000
11/15/21 22:00	0.000	21.472	54.995	0.000	0.000	0.000
11/15/21 23:00	0.000	21.495	54.294	0.000	0.000	0.000
Avg/Total:	3.87	23.85	62.56	139.5808	166799.1101	5733.0000

District I1625 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 64121

QUESTIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 64121
	Action Type: [C-129] Venting and/or Flaring (C-129)

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 Well	Not answered.
Incident Facility	[fPAC0614251161] Targa Buckeye Booster Station

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 or is this venting and/or flaring caused by an emergency or malfunction	Yes
Did or will this venting and/or flaring last eight hours or more cumulatively within any 24-hour period from a single event	No
Is this considered a submission for a venting and/or flaring event	Yes, minor 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 or will there be at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this venting and/or flaring 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 venting and/or flaring 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	
Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	80
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	2,833
Carbon Dioxide (CO2) percentage, if greater than one percent	2
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.

Date(s) and Time(s)	
Date venting and/or flaring was discovered or commenced	11/15/2021
Time venting and/or flaring was discovered or commenced	03:00 AM
Time venting and/or flaring was terminated	04:41 AM
Cumulative hours during this event	2

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: 140 Mcf Recovered: 0 Mcf Lost: 140 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 or is this venting and/or flaring a result of downstream activity	Not answered.
Was notification of downstream activity received by you or your operator	Not answered.
Downstream OGRID that should have notified you or your operator	Not answered.
Date notified of downstream activity requiring this venting and/or flaring	Not answered.
Time notified of downstream activity requiring this venting and/or flaring	Not answered.

Steps and Actions to Prevent Waste

For this event, the operator could not have reasonably anticipated the current event and it was beyond the operator's control.	True
Please explain reason for why this event was beyond your operator's control	Inlet gas was intermittently flared when C-3 automatically shut down due to a VFD overheat shutdown. The cause of the shutdown is still being investigated by I&E personnel and Toshiba, the manufacturer of the VFD. Inlet gas was rerouted to flare to protect personnel and equipment.
Steps taken to limit the duration and magnitude of venting and/or flaring	Inlet gas was flared until C-3 could be restarted.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	The unit was checked to ensure that it was safe to operate before restarting the unit. When the unit was verified safe to operate the unit was restarted and normal operation resumed. Flaring ceased.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
tillmana	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.	11/30/2021