

SHIPPING ADDRESS:  
2800 WESTOVER STREET  
ODESSA, TEXAS 79764



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

LABORATORIES IN ODESSA & GIDDINGS

PHONE (432) 337-4744 | FAX (432) 337-8781

03/05/21

EXTENDED GAS ANALYSIS

LAB # 58824

TARGA: MIDDLE PLANT  
MASTER FUEL GAS: 161100047

	MOL %	GPM
HYDROGEN SULFIDE	0.0000	0.000
NITROGEN	2.4550	0.000
METHANE	92.1550	0.000
CARBON DIOXIDE	0.0000	0.000
ETHANE	5.1600	1.375
PROPANE	0.1850	0.051
ISO-BUTANE	0.0090	0.003
N-BUTANE	0.0250	0.008
ISO-PENTANE	0.0010	0.000
N-PENTANE	0.0040	0.001
NEOHEXANE	0.0000	0.000
CYCLOPENTANE	0.0004	0.000
2-METHYLPENTANE	0.0011	0.000
3-METHYLPENTANE	0.0006	0.000
N-HEXANE	0.0014	0.001
METHYLCYCLOPENTANE	0.0006	0.000
BENZENE	0.0003	0.000
CYCLOHEXANE	0.0006	0.000
2-METHYLHEXANE	0.0001	0.000
3-METHYLHEXANE	0.0001	0.000
DIMETHYLCYCLOPENTANES	0.0001	0.000
N-HEPTANE	0.0003	0.000
METHYLCYCLOHEXANE	0.0004	0.000
TRIMETHYLCYCLOPENTANES	0.0000	0.000
TOLUENE	0.0000	0.000
2-METHYLHEPTANE	0.0000	0.000
3-METHYLHEPTANE	0.0000	0.000
DIMETHYLCYCLOHEXANES	0.0000	0.000
N-OCTANE	0.0000	0.000
ETHYL BENZENE	0.0000	0.000
M&P-XYLENES	0.0000	0.000
O-XYLENE	0.0000	0.000
C9 NAPHTHENES	0.0000	0.000
C9 PARAFFINS	0.0000	0.000
N-NONANE	0.0000	0.000
N-DECANE	0.0000	0.000
UNDECANE PLUS	0.0000	0.000
TOTALS	100.0000	1.439

SPECIFIC GRAVITY 0.593  
GROSS DRY BTU/CU.FT. 1027.3  
GROSS WET BTU/CU.FT. 1009.7  
TOTAL MOL. WT. 17.133  
MOL. WT. C6+ 86.471  
SP. GRAVITY C6+ 3.334  
MOL. WT. C7+ 99.196  
SP. GRAVITY C7+ 4.070  
BASIS: 14.65 PSIA @ 60 °F

NOTES:  
SAMPLED: 03/03/2021  
133 PSIA @ 87 °F  
DATE RUN 03/04/2021  
SPOT BY: SR  
CYLINDER NO. 900  
DISTRIBUTION: MR ZAC MASON  
0 PPM H2S

Meter ID: 0222639	Location N.B.RESIDUE FLARE				VRSDO.UIS	
	DP inH2O	SP psi	Temp F	Volume MCF	Energy MBTU	FlowTime sec
11/3/21 0:00	228.641	270.249	76.165	1440.438	1460604.000	3290.000
11/3/21 1:00	168.596	267.489	76.688	384.420	389801.300	1123.000
11/3/21 2:00	0.000	227.779	51.091	0.000	0.000	0.000
11/3/21 3:00	0.000	227.002	46.626	0.000	0.000	0.000
11/3/21 4:00	0.000	226.873	44.567	0.000	0.000	0.000
11/3/21 5:00	0.000	226.111	43.575	0.000	0.000	0.000
11/3/21 6:00	0.000	224.696	43.474	0.000	0.000	0.000
11/3/21 7:00	0.000	224.064	44.059	0.000	0.000	0.000
11/3/21 8:00	0.000	224.444	44.797	0.000	0.000	0.000
11/3/21 9:00	196.912	261.863	71.802	320.102	324582.900	802.000
11/3/21 10:00	188.794	259.651	76.071	1411.580	1431342.000	3600.000
11/3/21 11:00	145.916	257.342	76.192	119.577	121251.400	364.000
11/3/21 12:00	0.000	223.974	55.228	0.000	0.000	0.000
11/3/21 13:00	0.000	224.425	55.428	0.000	0.000	0.000
11/3/21 14:00	0.000	228.103	56.312	0.000	0.000	0.000
11/3/21 15:00	0.000	227.965	56.264	0.000	0.000	0.000
11/3/21 16:00	0.000	228.211	55.310	0.000	0.000	0.000
11/3/21 17:00	0.000	227.277	52.239	0.000	0.000	0.000
11/3/21 18:00	0.000	226.719	50.431	0.000	0.000	0.000
11/3/21 19:00	0.000	226.561	49.398	0.000	0.000	0.000
11/3/21 20:00	0.000	227.255	48.096	0.000	0.000	0.000
11/3/21 21:00	0.000	225.862	47.856	0.000	0.000	0.000
11/3/21 22:00	0.000	225.450	47.760	0.000	0.000	0.000
11/3/21 23:00	0.000	224.797	46.745	0.000	0.000	0.000
Avg/Total:	38.70	233.92	54.84	3676.1163	3727581.6000	9179.0000

**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 60346

**QUESTIONS**

Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 60346
	Action Type: [C-129] Venting and/or Flaring (C-129)

**QUESTIONS**

<b>Prerequisites</b>	
<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	Not answered.
Incident Facility	[fAPP2122937086] Eunice North CS

<b>Determination of Reporting Requirements</b>	
<i>Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.</i>	
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, 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 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 <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 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

<b>Equipment Involved</b>	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

<b>Representative Compositional Analysis of Vented or Flared Natural Gas</b>	
<i>Please provide the mole percent for the percentage questions in this group.</i>	
Methane (CH4) percentage	92
Nitrogen (N2) percentage, if greater than one percent	2
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
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.

<b>Date(s) and Time(s)</b>	
Date venting and/or flaring was discovered or commenced	11/03/2021
Time venting and/or flaring was discovered or commenced	12:00 AM
Time venting and/or flaring was terminated	11:02 AM
Cumulative hours during this event	2

<b>Measured or Estimated Volume of Vented or Flared Natural Gas</b>	
Natural Gas Vented (Mcf) Details	Not answered.

Natural Gas Flared (Mcf) Details	Cause: Other   Gas Compressor Station   Natural Gas Flared   Released: 3,676 Mcf   Recovered: 0 Mcf   Lost: 3,676 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	Yes
Was notification of downstream activity received by you or your operator	No
Downstream OGRID that should have notified you or your operator	[238851] EL PASO NATURAL GAS
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	Kinder Morgan is the residue outlet for the North CS. Targa was informed after the event occurred. The North CS was being operated properly when the Kinder Morgan station shutdown.
Steps taken to limit the duration and magnitude of venting and/or flaring	Residue volumes were flared until Kinder Morgans line pressure decreased.
Corrective actions taken to eliminate the cause and reoccurrence of venting and/or flaring	There were no corrective measures required by Targa. The facility was being operated properly. Targa was informed after the event occurred.

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CONDITIONS  
  
Action 60346

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Operator: TARGA MIDSTREAM SERVICES LLC 1000 Louisiana Houston, TX 77002	OGRID: 24650
	Action Number: 60346
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
rebeccaw	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.	11/4/2021