Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

	WELL API NO. 30-025-40448
	5. Indicate Type of Lease STATE ☐ FEE ☒
	6. State Oil & Gas Lease No. NMLC063798
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☐ Gas Well ☒ Other Acid Gas Injection	7. Lease Name or Unit Agreement Name Red Hills AGI
	8. Well Number 1
2. Name of Operator Targa Northern Delaware, LLC	9. OGRID Number 331548
3. Address of Operator 3100 McKinnon Street, Suite 800, Dallas, TX 75201	10. Pool name or Wildcat Exploratory Cherry Canyon
4. Well Location Unit Letter I : 1600 feet from the South line and 150 feet from the East line Section 13 Township 24S Range 33E NMPM County Lea	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3580 ft GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER: TAG Gas concentration & injection volume per R-13507F	☒		

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Six month report of TAG composition and injection volumes from the Red Hills Plant being injected into the Red Hills AGI #1 as required by NMOCC Order R-13507 item F and agreements with NMOCD staff.

During the period of July - December 2024 the measured H_2S concentrations in the TAG ranged from about 0.00% to 5.38% with an average value of about 3.00% as derived from direct sampling and analysis of the TAG entering the well. Appendix A table 1 details the gas analysis of thirteen TAG samples Targa Northern Delaware had taken during the report period to measure H_2S concentration directly. Average daily TAG volume injected is about 2,157 MSCFD for the reporting period.

This report is submitted to fulfill the reporting requirement established by NMOCD for sampling of TAG concentrations every six-months beginning in June 2018. The following information is contained herein:

1. Measured TAG concentrations and volumes for each of the thirteen TAG sampling events (Appendix A,Table 1)
2. Graph of TAG volumes July 2024 – December 2024 (Appendix A, Figure 1)
3. C6+ Gas/Vapor Fractional Analysis report for each sample date (Appendix B)
4. Anticipated range of H2S concentrations in TAG under normal operating conditions.

Attachment A to this C-103 includes all supporting analyses and data. NMOCD requested that sampling be done and reported any time a major source change occurs and every six months normally. These results will be submitted to Santa Fe and the Hobbs District office on a C-103 form to be incorporated into the well file by NMOCD upon receipt.

Spud Date: | Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [signature] TITLE AREA MANAGER DATE 1-24-25

Type or print name JASON FUENTES E-mail address: jason.fuentes@fargoresources.com PHONE: 575-365-8939

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Appendix A: Summarized TAG Concentrations and Injection Volumes for Red Hills AGI #1

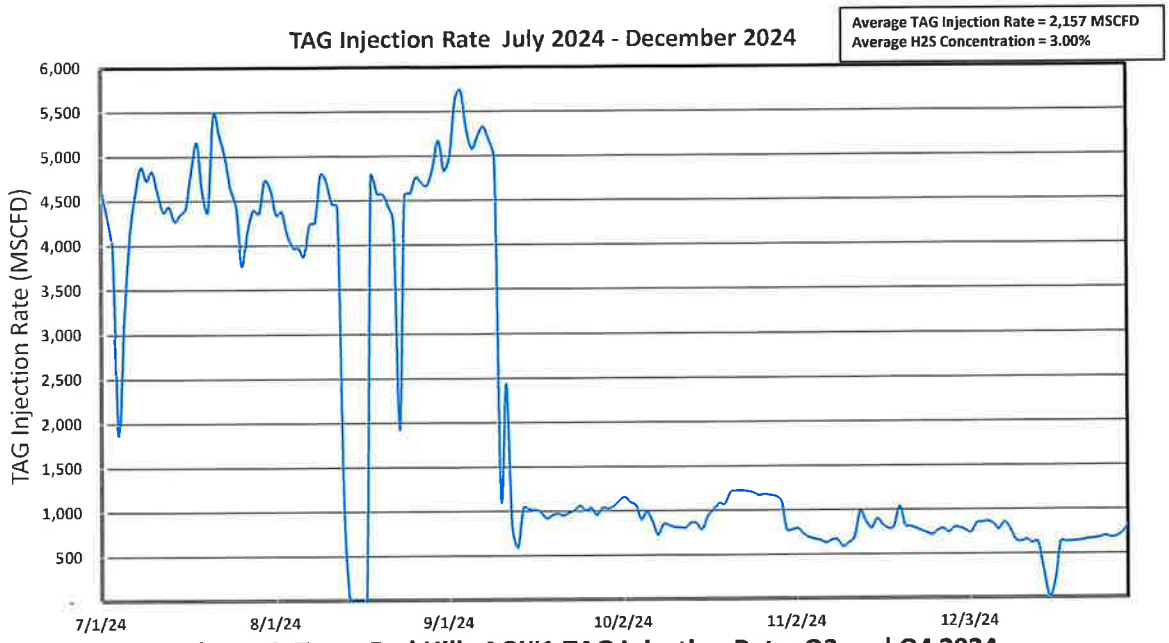

Figure 1 Targa Red Hills AGI#1 TAG Injection Rate Q3 and Q4 2024

TAG Concentration

Date	H_2S %	CO_2 %
7/17/2024	2.24	96.09
7/24/2024	2.72	95.18
8/7/2024	2.41	96.25
8/21/2024	2.89	95.52
9/4/2024	3.67	94.86
9/17/2024	5.38	92.86
10/2/2024	3.47	95.32
10/15/2024	2.58	95.78
10/29/2024	3.72	95.21
11/12/2024	0.00	95.76
11/26/2024	1.37	95.45
12/12/2024	5.06	92.62
12/23/2024	3.47	94.53
AVERAGE	3.00	95.03

Appendix B: Red Hills AGI #1 C6+ Gas/Vapor Fractional Analysis by Date

Pantechs Laboratories, Inc. - Order: 613-6847 - 7/17/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant	**Atm Temp**	85 F
Site Type	Plant	**Collection Date**	07/17/2024
Sample Point	Inlet to Compressor	**Collection Time**	10:59 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS044

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.589	0.378	0.065
CARBON DIOXIDE	CO2	96.089	96.818	16.436
HYDROGEN SULFIDE	H2S	2.238	1.746	0.303
METHANE	C1	0.527	0.194	0.090
ETHANE	C2	0.155	0.107	0.042
PROPANE	C3	0.086	0.087	0.024
I-BUTANE	iC4	0.030	0.040	0.010
N-BUTANE	nC4	0.031	0.041	0.010
I-PENTANE	iC5	0.007	0.012	0.003
N-PENTANE	nC5	0.009	0.015	0.003
HEXANES PLUS	C6+	0.239	0.562	0.106
TOTALS:		**100.000**	**100.000**	**17.092**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.198	0.156	0.132	0.112	0.139	0.126

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	40.69	37.64	1.516	0.994	43.678	33.05
SATURATED	40.89	36.99	1.502	0.994	42.917	

Pantechs Laboratories, Inc. - Order: 882-6884 - 7/24/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant	**Atm Temp**	86 F
Site Type	Plant	**Collection Date**	07/24/2024
Sample Point	Inlet to Compressor	**Collection Time**	11:18 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS048

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.636	0.409	0.070
CARBON DIOXIDE	CO2	95.176	96.159	16.280
HYDROGEN SULFIDE	H2S	2.716	2.125	0.367
METHANE	C1	0.755	0.278	0.128
ETHANE	C2	0.191	0.132	0.051
PROPANE	C3	0.145	0.147	0.040
I-BUTANE	iC4	0.021	0.028	0.007
N-BUTANE	nC4	0.087	0.116	0.028
I-PENTANE	iC5	0.023	0.038	0.008
N-PENTANE	nC5	0.024	0.040	0.009
HEXANES PLUS	C6+	0.226	0.528	0.100
TOTALS:		**100.000**	**100.000**	**17.088**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.243	0.192	0.152	0.117	0.157	0.130

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	50.16	46.29	1.512	0.994	43.560	40.79
SATURATED	50.19	45.49	1.498	0.994	42.801	

Pantechs Laboratories, Inc. - Order: 73-6966 - 8/7/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant	**Atm Temp**	90 F
Site Type	Plant	**Collection Date**	08/07/2024
Sample Point	Inlet to Compressor	**Collection Time**	11:19 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS039

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.384	0.246	0.042
CARBON DIOXIDE	CO2	96.248	96.941	16.463
HYDROGEN SULFIDE	H2S	2.405	1.876	0.325
METHANE	C1	0.521	0.191	0.089
ETHANE	C2	0.103	0.071	0.028
PROPANE	C3	0.054	0.054	0.015
I-BUTANE	iC4	0.004	0.005	0.001
N-BUTANE	nC4	0.035	0.047	0.011
I-PENTANE	iC5	0.004	0.007	0.001
N-PENTANE	nC5	0.010	0.017	0.004
HEXANES PLUS	C6+	0.232	0.545	0.103
TOTALS:		**100.000**	**100.000**	**17.082**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.163	0.135	0.120	0.108	0.129	0.121

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	38.77	35.87	1.517	0.994	43.695	31.48
SATURATED	39.00	35.25	1.502	0.994	42.934	

Pantechs Laboratories, Inc. - Order: 9883-7045 - 8/21/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	80 F
Site Type	Plant	**Collection Date**	08/21/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:09 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS026

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.397	0.255	0.044
CARBON DIOXIDE	CO2	95.520	96.247	16.339
HYDROGEN SULFIDE	H2S	2.891	2.256	0.391
METHANE	C1	0.563	0.207	0.096
ETHANE	C2	0.113	0.078	0.030
PROPANE	C3	0.073	0.074	0.020
I-BUTANE	iC4	0.011	0.015	0.004
N-BUTANE	nC4	0.076	0.101	0.024
I-PENTANE	iC5	0.037	0.061	0.014
N-PENTANE	nC5	0.038	0.063	0.014
HEXANES PLUS	C6+	0.281	0.643	0.123
TOTALS:		**100.000**	**100.000**	**17.099**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.229	0.199	0.179	0.151	0.188	0.165

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	49.36	45.65	1.516	0.994	43.677	40.08
SATURATED	49.40	44.86	1.502	0.994	42.916	

Pantechs Laboratories, Inc. - Order: 9853-7114 - 9/4/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	64 F
Site Type	Plant	**Collection Date**	09/04/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:16 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS009

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.560	0.360	0.062
CARBON DIOXIDE	CO2	94.856	95.876	16.225
HYDROGEN SULFIDE	H2S	3.673	2.875	0.497
METHANE	C1	0.437	0.161	0.074
ETHANE	C2	0.118	0.081	0.032
PROPANE	C3	0.065	0.066	0.018
I-BUTANE	iC4	0.072	0.096	0.024
N-BUTANE	nC4	0.023	0.031	0.007
I-PENTANE	iC5	0.006	0.010	0.002
N-PENTANE	nC5	0.006	0.010	0.002
HEXANES PLUS	C6+	0.184	0.434	0.082
TOTALS:		**100.000**	**100.000**	**17.025**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.167	0.135	0.117	0.086	0.119	0.096

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	45.65	42.16	1.512	0.994	43.542	37.13
SATURATED	45.75	41.43	1.497	0.994	42.783	

Pantechs Laboratories, Inc. - Order: 5465-7198 - 9/17/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	77 F
Site Type	Plant	**Collection Date**	09/17/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:52 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS047

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.807	0.522	0.089
CARBON DIOXIDE	CO2	92.856	94.311	15.884
HYDROGEN SULFIDE	H2S	5.379	4.231	0.727
METHANE	C1	0.462	0.171	0.079
ETHANE	C2	0.130	0.090	0.035
PROPANE	C3	0.076	0.077	0.021
I-BUTANE	iC4	0.049	0.066	0.016
N-BUTANE	nC4	0.028	0.038	0.009
I-PENTANE	iC5	0.007	0.012	0.003
N-PENTANE	nC5	0.008	0.013	0.003
HEXANES PLUS	C6+	0.198	0.469	0.088
TOTALS:		**100.000**	**100.000**	**16.954**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.175	0.140	0.119	0.094	0.123	0.106

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	57.65	53.23	1.504	0.994	43.331	47.00
SATURATED	57.55	52.30	1.490	0.994	42.576	

Pantechs Laboratories, Inc. - Order: 7951-7276 - 10/2/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	12 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	74 F
Site Type	Plant	**Collection Date**	10/02/2024
Sample Point	Inlet to Compressor	**Collection Time**	11:10 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS040

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.407	0.262	0.045
CARBON DIOXIDE	CO2	95.321	96.272	16.305
HYDROGEN SULFIDE	H2S	3.470	2.714	0.469
METHANE	C1	0.428	0.158	0.073
ETHANE	C2	0.087	0.060	0.023
PROPANE	C3	0.044	0.045	0.012
I-BUTANE	iC4	0.003	0.004	0.001
N-BUTANE	nC4	0.028	0.037	0.009
I-PENTANE	iC5	0.065	0.108	0.024
N-PENTANE	nC5	0.009	0.015	0.003
HEXANES PLUS	C6+	0.138	0.325	0.062
TOTALS:		**100.000**	**100.000**	**17.026**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.134	0.111	0.099	0.089	0.105	0.094

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	40.98	37.82	1.513	0.994	43.575	33.32
SATURATED	41.17	37.17	1.498	0.994	42.816	

Pantechs Laboratories, Inc. - Order: 5931-7347 - 10/15/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	9 psig
Location	Red Hills Processing Complex	**Sample Temp**	75 F
Site	AGI Plant 1	**Atm Temp**	70 F
Site Type	Plant	**Collection Date**	10/15/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:06 AM
Spot/Comp	Spot	**Collection By**	Dakota Kiser
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS043

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.054	0.035	0.006
CARBON DIOXIDE	CO2	95.781	96.457	16.384
HYDROGEN SULFIDE	H2S	2.582	2.014	0.349
METHANE	C1	0.666	0.244	0.113
ETHANE	C2	0.191	0.131	0.051
PROPANE	C3	0.253	0.255	0.070
I-BUTANE	iC4	0.046	0.061	0.015
N-BUTANE	nC4	0.182	0.242	0.058
I-PENTANE	iC5	0.005	0.008	0.002
N-PENTANE	nC5	0.014	0.023	0.005
HEXANES PLUS	C6+	0.226	0.531	0.100
TOTALS:		**100.000**	**100.000**	**17.153**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.301	0.250	0.180	0.107	0.177	0.122

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	54.05	49.90	1.517	0.994	43.702	43.88
SATURATED	54.01	49.03	1.503	0.994	42.941	

Pantechs Laboratories, Inc. - Order: 5089-7416 - 10/29/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	10 psig
Location	Red Hills Processing Complex	**Sample Temp**	75 F
Site	AGI Plant 1	**Atm Temp**	63 F
Site Type	Plant	**Collection Date**	10/29/2024
Sample Point	Inlet to Compressor	**Collection Time**	8:13 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS012

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.120	0.077	0.013
CARBON DIOXIDE	CO2	95.211	96.180	16.286
HYDROGEN SULFIDE	H2S	3.724	2.913	0.503
METHANE	C1	0.534	0.197	0.091
ETHANE	C2	0.108	0.075	0.029
PROPANE	C3	0.065	0.066	0.018
I-BUTANE	iC4	0.006	0.008	0.002
N-BUTANE	nC4	0.047	0.063	0.015
I-PENTANE	iC5	0.006	0.010	0.002
N-PENTANE	nC5	0.014	0.023	0.005
HEXANES PLUS	C6+	0.165	0.388	0.073
TOTALS:		**100.000**	**100.000**	**17.037**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.144	0.115	0.097	0.080	0.102	0.091

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	44.65	41.20	1.513	0.994	43.566	36.30
SATURATED	44.77	40.48	1.498	0.994	42.807	

Pantechs Laboratories, Inc. - Order: 2274-7496 - 11/12/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	10 psig
Location	Red Hills Processing Complex	**Sample Temp**	60 F
Site	AGI Plant 1	**Atm Temp**	58 F
Site Type	Plant	**Collection Date**	11/12/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:27 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS020

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.270	0.173	0.030
CARBON DIOXIDE	CO2	95.762	96.583	16.381
HYDROGEN SULFIDE	H2S	0.000	0.000	0.000
METHANE	C1	2.094	0.770	0.356
ETHANE	C2	0.714	0.492	0.192
PROPANE	C3	0.387	0.391	0.107
I-BUTANE	iC4	0.039	0.052	0.013
N-BUTANE	nC4	0.141	0.188	0.045
I-PENTANE	iC5	0.030	0.050	0.011
N-PENTANE	nC5	0.033	0.055	0.012
HEXANES PLUS	C6+	0.530	1.246	0.235
TOTALS:		**100.000**	**100.000**	**17.382**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.615	0.423	0.316	0.258	0.332	0.292

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	81.96	75.60	1.515	0.994	43.636	66.58
SATURATED	81.45	74.28	1.500	0.994	42.876	

Pantechs Laboratories, Inc. - Order: 5869-7644 - 11/26/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	10 psig
Location	Red Hills Processing Complex	**Sample Temp**	60 F
Site	AGI Plant 1	**Atm Temp**	37 F
Site Type	Plant	**Collection Date**	11/26/2024
Sample Point	Inlet to Compressor	**Collection Time**	7:33 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS003

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.365	0.234	0.040
CARBON DIOXIDE	CO2	96.453	97.195	16.498
HYDROGEN SULFIDE	H2S	1.370	1.069	0.185
METHANE	C1	1.030	0.378	0.175
ETHANE	C2	0.234	0.161	0.063
PROPANE	C3	0.137	0.138	0.038
I-BUTANE	iC4	0.015	0.020	0.005
N-BUTANE	nC4	0.092	0.122	0.029
I-PENTANE	iC5	0.020	0.033	0.007
N-PENTANE	nC5	0.023	0.038	0.008
HEXANES PLUS	C6+	0.261	0.612	0.116
TOTALS:		**100.000**	**100.000**	**17.164**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.266	0.203	0.165	0.131	0.172	0.147

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	46.71	43.10	1.516	0.994	43.674	37.94
SATURATED	46.80	42.35	1.501	0.994	42.913	

Pantechs Laboratories, Inc. - Order: 7133-7784 - 12/12/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	10 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	44 F
Site Type	Plant	**Collection Date**	12/12/2024
Sample Point	Inlet to Compressor	**Collection Time**	10:40 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS019

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.811	0.526	0.089
CARBON DIOXIDE	CO2	92.617	94.333	15.842
HYDROGEN SULFIDE	H2S	5.056	3.988	0.684
METHANE	C1	0.896	0.333	0.152
ETHANE	C2	0.251	0.175	0.067
PROPANE	C3	0.120	0.122	0.033
I-BUTANE	iC4	0.014	0.019	0.005
N-BUTANE	nC4	0.040	0.054	0.013
I-PENTANE	iC5	0.009	0.015	0.003
N-PENTANE	nC5	0.010	0.017	0.004
HEXANES PLUS	C6+	0.176	0.418	0.078
TOTALS:		**100.000**	**100.000**	**16.970**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.203	0.136	0.103	0.085	0.108	0.097

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	61.43	56.57	1.500	0.994	43.209	50.15
SATURATED	61.26	55.59	1.486	0.994	42.456	

Pantechs Laboratories, Inc. - Order: 3059-7847 - 12/23/2024 - Red Hills Processing Complex - BiWeekly Collection

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	11 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 1	**Atm Temp**	50 F
Site Type	Plant	**Collection Date**	12/23/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:33 AM
Spot/Comp	Spot	**Collection By**	Cody Carson
Meter ID		**Pressure Base**	14.696 psi
Regulatory ID		**Temperature Base**	60 F
Fluid	Gas	**Container(s)**	PLS086

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.540	0.349	0.059
CARBON DIOXIDE	CO2	94.528	95.964	16.168
HYDROGEN SULFIDE	H2S	3.467	2.726	0.469
METHANE	C1	1.032	0.382	0.176
ETHANE	C2	0.176	0.122	0.047
PROPANE	C3	0.068	0.069	0.019
I-BUTANE	iC4	0.006	0.008	0.002
N-BUTANE	nC4	0.039	0.052	0.012
I-PENTANE	iC5	0.007	0.012	0.003
N-PENTANE	nC5	0.013	0.022	0.005
HEXANES PLUS	C6+	0.124	0.294	0.055
TOTALS:		**100.000**	**100.000**	**17.015**

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.143	0.096	0.077	0.063	0.081	0.070

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	46.80	43.02	1.505	0.994	43.351	38.14
SATURATED	46.88	42.27	1.490	0.994	42.596	

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 424332

CONDITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 424332
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	7/25/2025