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 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

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.)		WELL API NO. 30-025-40448
1. Type of Well: Oil Well ☐ Gas Well ☒ Other Acid Gas Injection		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Targa Northern Delaware, LLC		6. State Oil & Gas Lease No. NMLC063798
3. Address of Operator 3100 McKinnon Street, Suite 800, Dallas, TX 75201		7. Lease Name or Unit Agreement Name Red Hills AGI
4. Well Location Unit Letter <u>I</u> : <u>1600</u> feet from the <u>South</u> line and <u>150</u> feet from the <u>East</u> line Section <u>13</u> Township <u>24S</u> Range <u>33E</u> NMPM County <u>Lea</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3580 ft GL		9. OGRID Number 331548
		10. Pool name or Wildcat Exploratory Cherry Canyon

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
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 January - June 2023 the measured H₂S concentrations in the TAG ranged from 2.86% to 6.65% with an average value of 4.40% 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 H₂S concentration directly. Average daily TAG volume injected is about 1427 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 January 1, 2023 – June 30, 2023 (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.

Based on an analysis of the data attached herein, Lucid Energy anticipates the H₂S concentrations being injected into the Red Hills AGI #1 to range between 4.43% and 15.79%. Lucid Energy will notify the NM OCD if concentrations differ substantially based on inlet gas chances or gathering system updates.

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: *Matt Eales*

Title: VP of Regulatory Affairs

Date: 02/06/24

Type or print name: Matt Eales

E-mail Address:

Phone: 832-496-7513

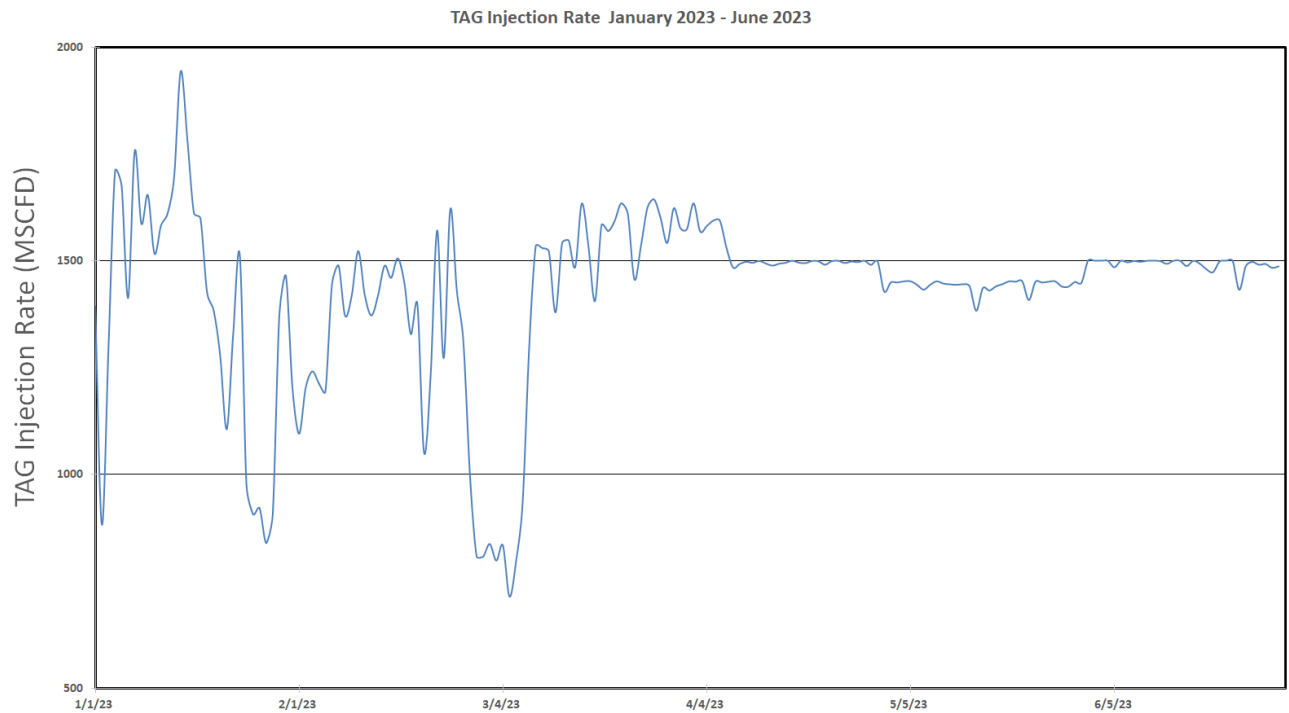
meales@targaresources.com

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



TAG Concentration

Date	H ₂ S %	CO ₂ %
1/10/2023	4.64	94.27
1/25/2023	4.43	94.27
2/8/2023	3.70	95.47
2/22/2023	2.86	95.40
3/8/2023	4.20	94.84
3/22/2023	4.28	92.29
4/5/2023	4.47	91.37
4/19/2023	4.10	92.01
5/3/2023	3.65	91.32
5/16/2023	3.64	91.56
5/31/2023	6.65	87.78
6/13/2023	5.59	88.68
6/28/2023	4.97	87.60
Average	4.40	92.07

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

Pantechs Laboratories, Inc. Order: 866-4098 - Order Date: 1/10/2023
Order Description: 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	50 F
Site Type	Plant	Collection Date	01/10/2023
Sample Point	Inlet to Compressor	Collection Time	8:16 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS001

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.586	0.378	0.065
CARBON DIOXIDE	CO2	94.266	95.455	16.162
HYDROGEN SULFIDE	H2S	4.639	3.638	0.629
METHANE	C1	0.198	0.073	0.034
ETHANE	C2	0.055	0.038	0.015
PROPANE	C3	0.018	0.018	0.005
I-BUTANE	iC4	0.153	0.205	0.050
N-BUTANE	nC4	0.006	0.008	0.002
I-PENTANE	iC5	0.001	0.002	0.000
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.077	0.183	0.034
TOTALS:		100.000	100.000	16.996

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.106	0.091	0.086	0.034	0.050	0.038

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	42.89	1.509	0.994	43.461	34.92
WATER SATURATED	43.05	1.494	0.994	42.706	

Pantechs Laboratories, Inc. Order: 890-4153 - Order Date: 1/25/2023
Order Description: 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	36 F
Site Type	Plant	Collection Date	01/25/2023
Sample Point	Inlet to Compressor	Collection Time	9:50 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS009

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.690	0.445	0.076
CARBON DIOXIDE	CO2	94.265	95.606	16.161
HYDROGEN SULFIDE	H2S	4.433	3.482	0.601
METHANE	C1	0.340	0.126	0.058
ETHANE	C2	0.089	0.062	0.024
PROPANE	C3	0.029	0.029	0.008
I-BUTANE	iC4	0.099	0.133	0.033
N-BUTANE	nC4	0.009	0.012	0.003
I-PENTANE	iC5	0.002	0.003	0.001
N-PENTANE	nC5	0.002	0.003	0.001
HEXANES PLUS	C6+	0.042	0.099	0.019
TOTALS:		100.000	100.000	16.985

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.089	0.065	0.057	0.021	0.031	0.024

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	40.32	1.507	0.994	43.393	32.85
WATER SATURATED	40.51	1.492	0.994	42.639	

Pantechs Laboratories, Inc. Order: 470-4208 - Order Date: 2/8/2023
Order Description: 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	35 F
Site Type	Plant	Collection Date	02/08/2023
Sample Point	Inlet to Compressor	Collection Time	8:29 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS008

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.410	0.264	0.045
CARBON DIOXIDE	CO2	95.467	96.480	16.367
HYDROGEN SULFIDE	H2S	3.698	2.894	0.501
METHANE	C1	0.208	0.077	0.035
ETHANE	C2	0.049	0.034	0.013
PROPANE	C3	0.014	0.014	0.004
I-BUTANE	iC4	0.105	0.140	0.035
N-BUTANE	nC4	0.004	0.005	0.001
I-PENTANE	iC5	0.020	0.033	0.007
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.024	0.057	0.011
TOTALS:		100.000	100.000	17.019

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.071	0.058	0.054	0.018	0.024	0.018

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	32.88	1.512	0.994	43.548	26.74
WATER SATURATED	33.20	1.497	0.994	42.791	

Pantechs Laboratories, Inc. Order: 374-4253 - Order Date: 2/22/2023
Order Description: 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	50 F
Site Type	Plant	Collection Date	02/22/2023
Sample Point	Inlet to Compressor	Collection Time	8:10 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS002

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.398	0.901	0.154
CARBON DIOXIDE	CO2	95.398	96.578	16.353
HYDROGEN SULFIDE	H2S	2.860	2.242	0.388
METHANE	C1	0.177	0.065	0.030
ETHANE	C2	0.041	0.028	0.011
PROPANE	C3	0.011	0.011	0.003
I-BUTANE	iC4	0.087	0.116	0.029
N-BUTANE	nC4	0.002	0.003	0.001
I-PENTANE	iC5	0.008	0.013	0.003
N-PENTANE	nC5	0.000	0.000	0.000
HEXANES PLUS	C6+	0.018	0.043	0.008
TOTALS:		100.000	100.000	16.980

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.055	0.044	0.041	0.011	0.016	0.012

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	25.44	1.509	0.994	43.473	20.71
WATER SATURATED	25.89	1.494	0.994	42.717	

Pantechs Laboratories, Inc. Order: 424-4315 - Order Date: 3/8/2023
Order Description: 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	50 F
Site Type	Plant	Collection Date	03/08/2023
Sample Point	Inlet to Compressor	Collection Time	8:22 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS010

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.540	0.348	0.060
CARBON DIOXIDE	CO2	94.843	96.017	16.260
HYDROGEN SULFIDE	H2S	4.195	3.289	0.568
METHANE	C1	0.218	0.080	0.037
ETHANE	C2	0.049	0.034	0.013
PROPANE	C3	0.016	0.016	0.004
I-BUTANE	iC4	0.104	0.139	0.034
N-BUTANE	nC4	0.005	0.007	0.002
I-PENTANE	iC5	0.001	0.002	0.000
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.028	0.066	0.012
TOTALS:		100.000	100.000	16.990

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.065	0.052	0.048	0.012	0.018	0.014

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	35.67	1.509	0.994	43.472	29.04
WATER SATURATED	35.95	1.495	0.994	42.716	

Order Description: 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	58 F
Site Type	Plant	Collection Date	03/22/2023
Sample Point	Inlet to Compressor	Collection Time	8:14 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS010

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	2.867	1.863	0.316
CARBON DIOXIDE	CO2	92.289	94.230	15.819
HYDROGEN SULFIDE	H2S	4.279	3.383	0.580
METHANE	C1	0.252	0.094	0.043
ETHANE	C2	0.061	0.043	0.016
PROPANE	C3	0.019	0.019	0.005
I-BUTANE	iC4	0.154	0.208	0.051
N-BUTANE	nC4	0.006	0.008	0.002
I-PENTANE	iC5	0.031	0.052	0.011
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.041	0.098	0.018
TOTALS:		100.000	100.000	16.861

Value of "0.000" in fractional interpreted as below detectable limit.
If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.103	0.087	0.082	0.029	0.039	0.030

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	40.46	1.496	0.994	43.103	33.08
WATER SATURATED	40.65	1.482	0.994	42.354	

Pantechs Laboratories, Inc. Order: 170-4413 - Order Date: 4/5/2023
Order Description: 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	40 F
Site Type	Plant	Collection Date	04/05/2023
Sample Point	Inlet to Compressor	Collection Time	7:26 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS010

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	3.650	2.382	0.402
CARBON DIOXIDE	CO2	91.374	93.662	15.661
HYDROGEN SULFIDE	H2S	4.467	3.546	0.605
METHANE	C1	0.279	0.104	0.048
ETHANE	C2	0.060	0.042	0.016
PROPANE	C3	0.020	0.021	0.006
I-BUTANE	iC4	0.105	0.142	0.035
N-BUTANE	nC4	0.006	0.008	0.002
I-PENTANE	iC5	0.001	0.002	0.000
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.037	0.089	0.016
TOTALS:		100.000	100.000	16.791

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.075	0.059	0.053	0.016	0.024	0.018

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	38.91	1.490	0.994	42.934	31.87
WATER SATURATED	39.13	1.476	0.994	42.188	

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	65 F
Site Type	Plant	Collection Date	04/19/2023
Sample Point	Inlet to Compressor	Collection Time	8:09 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS017

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	3.463	2.256	0.382
CARBON DIOXIDE	CO2	92.014	94.171	15.771
HYDROGEN SULFIDE	H2S	4.102	3.251	0.556
METHANE	C1	0.254	0.095	0.043
ETHANE	C2	0.057	0.040	0.015
PROPANE	C3	0.017	0.017	0.005
I-BUTANE	iC4	0.045	0.061	0.015
N-BUTANE	nC4	0.005	0.007	0.002
I-PENTANE	iC5	0.001	0.002	0.000
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.041	0.098	0.018
TOTALS:		100.000	100.000	16.807

Value of "0.000" in fractional interpreted as below detectable limit.
If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.055	0.040	0.035	0.018	0.027	0.021

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	34.40	1.493	0.994	43.001	28.16
WATER SATURATED	34.70	1.478	0.994	42.254	

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	63 F
Site Type	Plant	Collection Date	05/03/2023
Sample Point	Inlet to Compressor	Collection Time	8:15 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS027

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	4.519	2.952	0.498
CARBON DIOXIDE	CO2	91.318	93.702	15.650
HYDROGEN SULFIDE	H2S	3.652	2.902	0.495
METHANE	C1	0.258	0.097	0.044
ETHANE	C2	0.061	0.043	0.016
PROPANE	C3	0.020	0.021	0.006
I-BUTANE	iC4	0.114	0.154	0.037
N-BUTANE	nC4	0.007	0.009	0.002
I-PENTANE	iC5	0.002	0.003	0.001
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.048	0.115	0.021
TOTALS:		100.000	100.000	16.770

Value of "0.000" in fractional interpreted as below detectable limit.

If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.083	0.067	0.061	0.022	0.032	0.025

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	34.46	1.489	0.995	42.890	28.24
WATER SATURATED	34.75	1.474	0.994	42.145	

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	65 F
Site Type	Plant	Collection Date	05/16/2023
Sample Point	Inlet to Compressor	Collection Time	8:05 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS024

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	4.310	2.812	0.475
CARBON DIOXIDE	CO2	91.563	93.863	15.692
HYDROGEN SULFIDE	H2S	3.640	2.890	0.493
METHANE	C1	0.242	0.090	0.041
ETHANE	C2	0.057	0.040	0.015
PROPANE	C3	0.019	0.020	0.005
I-BUTANE	iC4	0.108	0.146	0.036
N-BUTANE	nC4	0.006	0.008	0.002
I-PENTANE	iC5	0.001	0.002	0.000
N-PENTANE	nC5	0.001	0.002	0.000
HEXANES PLUS	C6+	0.053	0.127	0.023
TOTALS:		100.000	100.000	16.782

Value of "0.000" in fractional interpreted as below detectable limit.
 If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.081	0.066	0.061	0.023	0.034	0.026

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	34.13	1.490	0.995	42.931	27.96
WATER SATURATED	34.44	1.476	0.994	42.185	

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	70 F
Site Type	Plant	Collection Date	05/31/2023
Sample Point	Inlet to Compressor	Collection Time	8:20 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS008

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	4.408	2.896	0.486
CARBON DIOXIDE	CO2	87.783	90.601	15.047
HYDROGEN SULFIDE	H2S	6.650	5.315	0.901
METHANE	C1	0.406	0.153	0.069
ETHANE	C2	0.059	0.042	0.016
PROPANE	C3	0.022	0.023	0.006
I-BUTANE	iC4	0.604	0.823	0.199
N-BUTANE	nC4	0.010	0.014	0.003
I-PENTANE	iC5	0.004	0.007	0.001
N-PENTANE	nC5	0.005	0.008	0.002
HEXANES PLUS	C6+	0.049	0.118	0.022
TOTALS:		100.000	100.000	16.752

Value of "0.000" in fractional interpreted as below detectable limit.
 If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.249	0.233	0.227	0.025	0.036	0.028

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	71.71	1.480	0.994	42.641	58.94
WATER SATURATED	71.37	1.466	0.994	41.900	

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	75 F
Site Type	Plant	Collection Date	06/13/2023
Sample Point	Inlet to Compressor	Collection Time	9:06 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS001

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	4.822	3.164	0.532
CARBON DIOXIDE	CO2	88.681	91.416	15.199
HYDROGEN SULFIDE	H2S	5.592	4.464	0.758
METHANE	C1	0.289	0.109	0.049
ETHANE	C2	0.057	0.040	0.015
PROPANE	C3	0.024	0.025	0.007
I-BUTANE	iC4	0.465	0.633	0.153
N-BUTANE	nC4	0.010	0.014	0.003
I-PENTANE	iC5	0.006	0.010	0.002
N-PENTANE	nC5	0.006	0.010	0.002
HEXANES PLUS	C6+	0.048	0.115	0.021
TOTALS:		100.000	100.000	16.741

Value of "0.000" in fractional interpreted as below detectable limit.
 If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.203	0.188	0.181	0.025	0.036	0.028

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	59.23	1.482	0.994	42.693	48.66
WATER SATURATED	59.11	1.468	0.994	41.951	

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	80 F
Site Type	Plant	Collection Date	06/28/2023
Sample Point	Inlet to Compressor	Collection Time	8:25 AM
Spot/Comp	Spot	Collection By	Mike McKinney
Meter ID		Pressure Base	14.730 psi
Purchaser		Temperature Base	60 F
Fluid	Gas	Container(s)	PLS010

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	6.483	4.274	0.715
CARBON DIOXIDE	CO2	87.601	90.733	15.012
HYDROGEN SULFIDE	H2S	4.968	3.985	0.673
METHANE	C1	0.331	0.125	0.056
ETHANE	C2	0.069	0.049	0.019
PROPANE	C3	0.032	0.033	0.009
I-BUTANE	iC4	0.395	0.540	0.130
N-BUTANE	nC4	0.016	0.022	0.005
I-PENTANE	iC5	0.008	0.014	0.003
N-PENTANE	nC5	0.011	0.019	0.004
HEXANES PLUS	C6+	0.086	0.206	0.038
TOTALS:		100.000	100.000	16.664

Value of "0.000" in fractional interpreted as below detectable limit.
 If Onsite H2S testing is performed, its resulting value is used in fractional table

LIQUID YIELD	C2+	C3+	C4+	C5+	26# Liquid	10# Liquid
GAL/MSCF (GPM)	0.208	0.189	0.180	0.045	0.065	0.050

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	56.35	1.475	0.995	42.491	46.40
WATER SATURATED	56.27	1.460	0.994	41.752	

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 312026

CONDITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 312026
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	2/7/2024