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. 30-025-51970

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.)

7. Lease Name or Unit Agreement Name: Red Hills AGI #3

1. Type of Well: Oil Well ☐ Gas Well ☒ Other Acid Gas Injection

8. Well Number 003

2. Name of Operator: Targa Northern Delaware, LLC

9. OGRID Number: 331548

3. Address of Operator: 110 W. 7th Street, Suite 2300, Tulsa OK 74119

10. Pool name or Wildcat: Bell Canyon and Cherry Canyon

4. Well Location
Unit Letter I : 3116 feet from the North line and 1159 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 January - June 2024 the measured H_2S concentrations in the TAG ranged from about 3.95% to 21.31% with an average value of about 11.66% as derived from direct sampling and analysis of the TAG entering the well. Appendix A table 1 details the gas analysis of seven TAG samples Targa Northern Delaware had taken during the report period to measure H_2S concentration directly. Average daily TAG volume injected is about 1716 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 after Q2 2024. The following information is contained herein:

1. Measured TAG concentrations and volumes for each of the seven TAG sampling events(Appendix A, Table 1)
2. Graph of TAG volumes January 2024 – June 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 Matt Eales TITLE VP of Regulatory DATE July 30, 2024

Type or print name Matt Eales E-mail address: meales@targaresources.com PHONE: 832.496.7513

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 #3

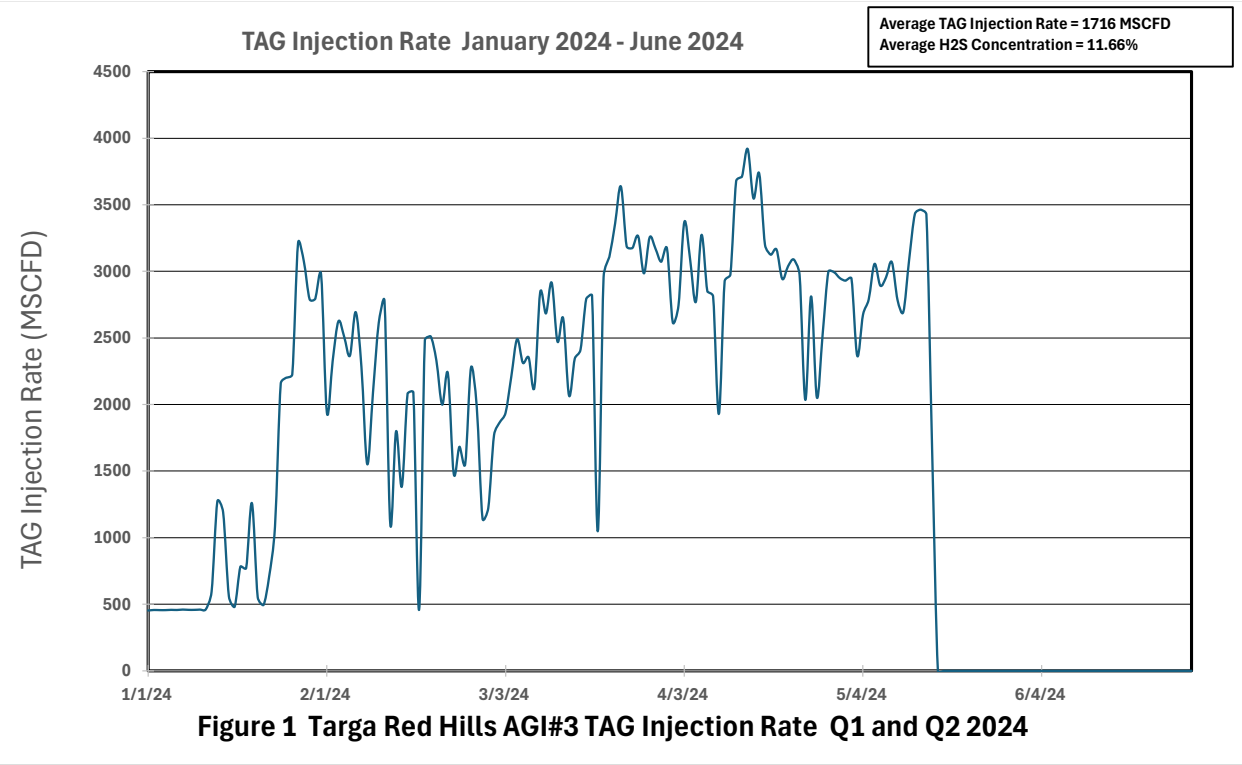

Figure 1 Targa Red Hills AGI#3 TAG Injection Rate Q1 and Q2 2024

TAG Concentration

Date	H_2S %	CO_2 %
2/7/2024	5.52	92.44
2/21/2024	15.77	82.21
3/6/2024	14.56	80.05
3/20/2024	15.40	80.65
4/3/2024	21.31	74.84
4/17/2024	5.13	90.99
5/15/2024	3.95	90.95
Average	11.66	84.59

Appendix B: Red Hills AGI #3 C6+ Gas/Vapor Fractional Analysis by Date

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	8 psig
Location	Red Hills Processing Complex	**Sample Temp**	61 F
Site	AGI Plant 2	**Atm Temp**	54 F
Site Type	Plant	**Collection Date**	02/07/2024
Sample Point	Inlet to Compressor	**Collection Time**	10:47 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 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.017	0.011	0.002
CARBON DIOXIDE	CO2	92.442	93.867	15.815
HYDROGEN SULFIDE	H2S	5.524	4.343	0.747
METHANE	C1	0.971	0.359	0.165
ETHANE	C2	0.149	0.103	0.040
PROPANE	C3	0.085	0.086	0.024
I-BUTANE	iC4	0.592	0.794	0.194
N-BUTANE	nC4	0.065	0.087	0.021
I-PENTANE	iC5	0.014	0.023	0.005
N-PENTANE	nC5	0.010	0.017	0.004
HEXANES PLUS	C6+	0.131	0.310	0.058
TOTALS:		**100.000**	**100.000**	**17.075**

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)	0.346	0.306	0.282	0.067	0.103	0.075

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	79.90	73.56	1.505	0.994	43.343	65.13
SATURATED	79.42	73.56	1.490	0.994	42.588	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	5.5242	3,507.86	55,775.0	2,630.6

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	8 psig
Location	Red Hills Processing Complex	**Sample Temp**	71 F
Site	AGI Plant 2	**Atm Temp**	66 F
Site Type	Plant	**Collection Date**	02/21/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:47 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)**	PLS029

GPA 2261 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.036	0.024	0.004
CARBON DIOXIDE	CO2	82.210	85.704	14.068
HYDROGEN SULFIDE	H2S	15.765	12.727	2.132
METHANE	C1	1.222	0.464	0.208
ETHANE	C2	0.180	0.128	0.048
PROPANE	C3	0.091	0.095	0.025
I-BUTANE	iC4	0.249	0.343	0.082
N-BUTANE	nC4	0.058	0.080	0.018
I-PENTANE	iC5	0.009	0.015	0.003
N-PENTANE	nC5	0.023	0.039	0.008
HEXANES PLUS	C6+	0.157	0.381	0.070
TOTALS:		**100.000**	**100.000**	**16.666**

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)	0.254	0.206	0.181	0.081	0.121	0.090

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	139.15	128.05	1.466	0.994	42.216	114.91
SATURATED	137.67	128.18	1.452	0.993	41.481	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	15.7645	10,010.44	159,166.0	7,506.9

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	13 psig
Location	Red Hills Processing Complex	**Sample Temp**	68 F
Site	AGI Plant 2	**Atm Temp**	60 F
Site Type	Plant	**Collection Date**	03/06/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:44 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)**	PLS015

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.132	0.084	0.015
CARBON DIOXIDE	CO2	80.052	79.565	13.722
HYDROGEN SULFIDE	H2S	14.556	11.203	1.972
METHANE	C1	0.981	0.355	0.167
ETHANE	C2	0.293	0.199	0.079
PROPANE	C3	0.198	0.197	0.055
I-BUTANE	iC4	0.093	0.122	0.031
N-BUTANE	nC4	0.102	0.134	0.032
I-PENTANE	iC5	0.058	0.095	0.021
N-PENTANE	nC5	0.071	0.116	0.026
HEXANES PLUS	C6+	3.464	7.930	1.530
TOTALS:		**100.000**	**100.000**	**17.650**

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)	1.774	1.695	1.640	1.577	1.717	1.670

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	317.88	296.47	1.541	0.992	44.279	256.11
SATURATED	313.37	296.47	1.525	0.992	43.508	

Onsite Testing by Stain Tube

METHOD	TYPE	MOL%	GRAINS/100	PPMV	LB/MMSCF
GPA2377	hydrogen sulfide	14.5560	9,243.08	146,965.0	6,931.4

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	8 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 2	**Atm Temp**	50 F
Site Type	Plant	**Collection Date**	03/20/2024
Sample Point	Inlet to Compressor	**Collection Time**	9:53 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)**	PLS015

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	1.073	0.705	0.118
CARBON DIOXIDE	CO2	80.650	83.236	13.806
HYDROGEN SULFIDE	H2S	15.399	12.307	2.084
METHANE	C1	1.023	0.385	0.174
ETHANE	C2	0.339	0.239	0.091
PROPANE	C3	0.218	0.225	0.060
I-BUTANE	iC4	0.086	0.117	0.028
N-BUTANE	nC4	0.097	0.132	0.031
I-PENTANE	iC5	0.014	0.024	0.005
N-PENTANE	nC5	0.029	0.049	0.011
HEXANES PLUS	C6+	1.072	2.581	0.476
TOTALS:		**100.000**	**100.000**	**16.884**

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)	0.702	0.611	0.551	0.492	0.588	0.551

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	188.69	174.85	1.482	0.993	42.643	155.01
SATURATED	186.37	174.85	1.467	0.993	41.900	

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	7 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 2	**Atm Temp**	66 F
Site Type	Plant	**Collection Date**	04/03/2024
Sample Point	Inlet to Compressor	**Collection Time**	11:30 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	1.311	0.868	0.144
CARBON DIOXIDE	CO2	74.837	77.807	12.815
HYDROGEN SULFIDE	H2S	21.307	17.154	2.884
METHANE	C1	0.615	0.233	0.105
ETHANE	C2	0.162	0.115	0.044
PROPANE	C3	0.104	0.108	0.029
I-BUTANE	iC4	0.237	0.325	0.078
N-BUTANE	nC4	0.053	0.073	0.017
I-PENTANE	iC5	0.017	0.029	0.006
N-PENTANE	nC5	0.015	0.026	0.005
HEXANES PLUS	C6+	1.342	3.262	0.596
TOTALS:		**100.000**	**100.000**	**16.723**

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)	0.775	0.731	0.702	0.607	0.734	0.676

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	234.86	217.75	1.471	0.993	42.330	193.62
SATURATED	231.75	217.75	1.457	0.993	41.593	

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	8 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 2	**Atm Temp**	78 F
Site Type	Plant	**Collection Date**	04/17/2024
Sample Point	Inlet to Compressor	**Collection Time**	10:45 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)**	PLS030

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.035	0.023	0.004
CARBON DIOXIDE	CO2	90.991	92.690	15.568
HYDROGEN SULFIDE	H2S	5.126	4.044	0.693
METHANE	C1	2.059	0.765	0.350
ETHANE	C2	0.256	0.178	0.069
PROPANE	C3	0.105	0.107	0.029
I-BUTANE	iC4	1.033	1.390	0.339
N-BUTANE	nC4	0.071	0.096	0.022
I-PENTANE	iC5	0.049	0.082	0.018
N-PENTANE	nC5	0.032	0.053	0.012
HEXANES PLUS	C6+	0.243	0.572	0.107
TOTALS:		**100.000**	**100.000**	**17.211**

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)	0.596	0.527	0.498	0.137	0.197	0.149

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	113.90	104.78	1.500	0.994	43.203	92.99
SATURATED	112.85	104.88	1.486	0.993	42.450	

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	**Pressure**	6 psig
Location	Red Hills Processing Complex	**Sample Temp**	N/A
Site	AGI Plant 2	**Atm Temp**	80 F
Site Type	Plant	**Collection Date**	05/15/2024
Sample Point	Inlet to Compressor	**Collection Time**	10:37 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)**	PLS008

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.638	0.411	0.070
CARBON DIOXIDE	CO2	90.923	92.051	15.557
HYDROGEN SULFIDE	H2S	3.950	3.097	0.534
METHANE	C1	1.860	0.686	0.316
ETHANE	C2	0.229	0.158	0.061
PROPANE	C3	0.095	0.096	0.026
I-BUTANE	iC4	1.785	2.387	0.586
N-BUTANE	nC4	0.057	0.076	0.018
I-PENTANE	iC5	0.058	0.096	0.021
N-PENTANE	nC5	0.021	0.035	0.008
HEXANES PLUS	C6+	0.384	0.907	0.171
TOTALS:		**100.000**	**100.000**	**17.368**

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)	0.891	0.830	0.804	0.200	0.285	0.221

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	135.73	125.12	1.510	0.994	43.471	110.46
SATURATED	134.30	123.07	1.495	0.993	42.714	

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District IV
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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 368557

CONDITIONS

Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300 Tulsa, OK 74119	OGRID: 331548
	Action Number: 368557
	Action Type: [C-103] Sub. General Sundry (C-103Z)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	None	8/1/2024