Submit 1 Copy To Appropriate District	State of New Mexico	Form C-103		
Office District I – (575) 393-6161	Energy, Minerals and Natural Resources	Revised July 18, 2013		
1625 N, French Dr., Hobbs, NM 88240		WELL API NO.		
District II – (575) 748-1283	OIL CONSERVATION DIVISION	30-025-51970		
811 S. First St., Artesia, NM 88210	5. Indicate Type of Lease			
District III - (505) 334-6178	1220 South St. Francis Dr.	STATE FEE 🛛		
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	6. State Oil & Gas Lease No.		
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	,	NMLC063798		
87505				
	S AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name		
(DO NOT USE THIS FORM FOR PROPOSAL	LS TO DRILL OR TO DEEPEN OR PLUG BACK TO A			
	TION FOR PERMIT" (FORM C-101) FOR SUCH	Red Hills AGI #3		
PROPOSALS)	W. H. M. Odern Arid Cor Infration	8. Well Number 003		
	as Well 🛛 Other Acid Gas Injection	a acryp N 1		
2. Name of Operator		9. OGRID Number		
Targa Northern Delaware, LLC		331548		
3. Address of Operator		10. Pool name or Wildcat		
110 W. 7th Street, Suite 2300, Tulsa C	OK 74119	Bell Canyon and Cherry Canyon		
4. Well Location				
Unit LetterI:3	116feet from theNorth line and1	159feet from theEastline		
Section 13	Township 24S Range 33E	NMPM County Lea		
Karanga Caranga Karanga Karang	11. Elevation (Show whether DR, RKB, RT, GR, etc.			
A control of the cont	3580 ft GL			
12 Charle Am	Annualista Day to Indicate Natura of Natice	Panort or Other Data		

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

NOTICE OF	· IN	TENTION 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	$\boxtimes$
				R-13507F	2

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 #3 as required by NMOCC Order R-22843 and agreements with NMOCD staff.

> During the period of July - December 2024 the measured H<sub>2</sub>S concentrations in the TAG ranged from about 3.32% to 5.80% with an average value of about 3.94% as derived from direct sampling and analysis of the TAG entering the well. Appendix A table 1 details the gas analysis of nine TAG samples Targa Northern Delaware had taken during the report period to measure H<sub>2</sub>S concentration directly. Average daily TAG volume injected is about 3,183 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. The following information is contained herein:

- 1. Measured TAG concentrations and volumes for each of the nine 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 Jason Fuerres  Type or print name Jason Fuerres	TITLE HEEA MANAGER  E-mail address: jasm, fuentas  C targaresource	DATE
APPROVED BY: Conditions of Approval (if any):	TITLE	DATE

## Appendix A: Summarized TAG Concentrations and Injection Volumes for Red Hills AGI #3

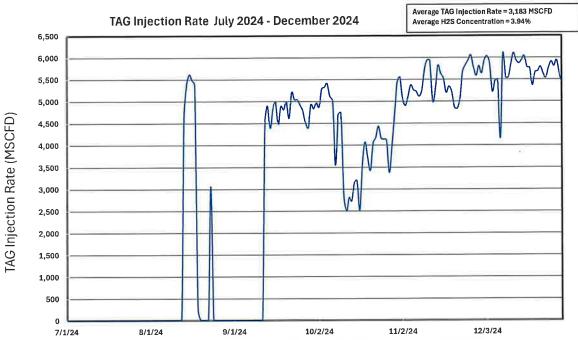


Figure 1 Targa Red Hills AGI#3 TAG Injection Rate Q3 and Q4 2024

## **TAG Concentration**

Date	H₂S%	CO, %			
8/7/2024	3.32	95.03			
8/21/2024	3.86	93.91			
10/2/2024	3.68	95.25			
10/15/2024	1.78	96.72			
10/29/2024	4.30	94.60			
11/12/2024	4.86	94.39			
11/26/2024	3.57	95.46			
12/12/2024	5.80	93.09			
12/23/2024	4.30	94.63			
AVERAGE	3.94	94.79			

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

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

SAMPLE ID	SAMPLE ID		
Operator	Targa Resources Inc	Pressure	9 psig
Location	Red Hills Processing Complex	Sample Temp	N/A
Site	AGI Plant 2	Atm Temp	90 F
Site Type	Plant	Collection Date	08/07/2024
Sample Point	Inlet to Compressor	Collection Time	11:28 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)	PLS002

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.555	0.357	0.061
CARBON DIOXIDE	CO2	95.030	95.899	16.255
HYDROGEN SULFIDE	H2S	3.324	2.598	0.449
METHANE	C1	0.481	0.177	0.082
ETHANE	C2	0.098	0.068	0.026
PROPANE	СЗ	0.057	0.058	0.016
I-BUTANE	iC4	0.166	0.221	0.055
N-BUTANE	nC4	0.041	0.055	0.013
I-PENTANE	iC5	0.007	0.012	0.003
N-PENTANE	nC5	0.018	0.030	0.007
HEXANES PLUS	C6+	0.223	0.525	0.098
TOTALS:		100.000	100.000	17.065

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)	0.218	0.192	0.176	0.108	0.158	0.122

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	49.67	45.91	1.514	0.994	43.610	40.37
SATURATED	49.71	45.11	1.499	0.994	42.850	

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

SAMPLE ID	SAMPLE ID		
Operator	Targa Resources Inc	Pressure	8 psig
Location	Red Hills Processing Complex	Sample Temp	N/A
Site	AGI Plant 2	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)	PLS002

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.589	0.378	0.065
CARBON DIOXIDE	CO2	93.908	94.736	16.065
HYDROGEN SULFIDE	H2S	3.864	3.019	0.522
METHANE	C1	0.580	0.213	0.099
ETHANE	C2	0.125	0.086	0.034
PROPANE	C3	0.078	0.079	0.022
I-BUTANE	iC4	0.415	0.553	0.136
N-BUTANE	nC4	0.058	0.077	0.018
I-PENTANE	iC5	0.034	0.056	0.012
N-PENTANE	nC5	0.024	0.040	0.009
HEXANES PLUS	C6+	0.325	0.764	0.144
TOTALS:		100.000	100.000	17.126

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)	0.375	0.341	0.319	0.165	0.238	0.184

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	70.90	65.57	1.515	0.994	43.626	57.60
SATURATED	70.58	64.43	1.500	0.994	42.866	

Pantechs Laboratories, Inc. - Order: 7951-7276 - 10/2/2024 - 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 2	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)	PLS052

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.265	0.170	0.029
CARBON DIOXIDE	CO2	95.246	96.229	16.292
HYDROGEN SULFIDE	H2S	3.679	2.878	0.497
METHANE	C1	0.454	0.167	0.077
ETHANE	C2	0.089	0.061	0.024
PROPANE	C3	0.053	0.054	0.015
I-BUTANE	iC4	0.006	0.008	0.002
N-BUTANE	nC4	0.043	0.057	0.014
I-PENTANE	iC5	0.005	0.008	0.002
N-PENTANE	nC5	0.013	0.022	0.005
HEXANES PLUS	C6+	0.147	0.346	0.066
TOTALS:		100.000	100.000	17.023

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)	0.128	0.104	0.089	0.073	0.094	0.083

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	41.69	38.48	1.512	0.994	43.561	33.90
SATURATED	41.87	37.81	1.498	0.994	42.802	

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

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	Pressure	6 psig
Location	Red Hills Processing Complex	Sample Temp	74 F
Site	AGI Plant 2	Atm Temp	68 F
Site Type	Plant	Collection Date	10/15/2024
Sample Point	Inlet to Compressor	Collection Time	9:15 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)	PLS003

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.483	0.309	0.053
CARBON DIOXIDE	CO2	96.722	97.297	16.544
HYDROGEN SULFIDE	H2S	1.778	1.385	0.240
METHANE	C1	0.516	0.189	0.088
ETHANE	C2	0.100	0.069	0.027
PROPANE	C3	0.063	0.064	0.017
I-BUTANE	iC4	0.011	0.015	0.004
N-BUTANE	nC4	0.055	0.073	0.017
I-PENTANE	iC5	0.047	0.078	0.017
N-PENTANE	nC5	0.011	0.018	0.004
HEXANES PLUS	C6+	0.214	0.503	0.095
TOTALS:		100.000	100.000	17.106

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)	0.181	0.154	0.137	0.116	0.144	0.127

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	36.53	33.79	1.519	0.994	43.749	29.64
SATURATED	36.79	33.20	1.504	0.994	42.987	

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

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	Pressure	7 psig
Location	Red Hills Processing Complex	Sample Temp	64 F
Site	AGI Plant 2	Atm Temp	64 F
Site Type	Plant	Collection Date	10/29/2024
Sample Point	Inlet to Compressor	Collection Time	8:27 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)	PLS042

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.235	0.151	0.026
CARBON DIOXIDE	CO2	94.601	95.783	16.182
HYDROGEN SULFIDE	H2S	4.304	3.375	0.582
METHANE	C1	0.537	0.198	0.091
ETHANE	C2	0.092	0.064	0.025
PROPANE	C3	0.049	0.050	0.014
I-BUTANE	iC4	0.004	0.005	0.001
N-BUTANE	nC4	0.033	0.044	0.010
I-PENTANE	iC5	0.004	0.007	0.001
N-PENTANE	nC5	0.012	0.020	0.004
HEXANES PLUS	C6+	0.129	0.304	0.058
TOTALS:		100.000	100.000	16.994

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)	0.113	0.088	0.074	0.063	0.078	0.071

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	45.01	41.49	1.509	0.994	43.467	36.64
SATURATED	45.12	40.77	1.494	0.994	42.710	

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 2	Atm Temp	60 F
Site Type	Plant	Collection Date	11/12/2024
Sample Point	Inlet to Compressor	Collection Time	9:41 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	0.295	0.190	0.032
CARBON DIOXIDE	CO2	94.394	95.620	16.146
HYDROGEN SULFIDE	H2S	4.859	3.812	0.657
METHANE	C1	0.256	0.095	0.044
ETHANE	C2	0.073	0.051	0.020
PROPANE	C3	0.030	0.030	0.008
I-BUTANE	iC4	0.003	0.004	0.001
N-BUTANE	nC4	0.010	0.013	0.003
I-PENTANE	iC5	0.002	0.003	0.001
N-PENTANE	nC5	0.002	0.003	0.001
HEXANES PLUS	C6+	0.076	0.180	0.033
TOTALS:		100.000	100.000	16.946

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)	0.067	0.047	0.039	0.035	0.042	0.039

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	40.66	37.48	1.508	0.994	43.446	33.11
SATURATED	40.85	36.83	1.494	0.994	42.689	

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

SAMPLE ID		COLLECTION DATA	
Operator	Targa Resources Inc	Pressure	7 psig
Location	Red Hills Processing Complex	Sample Temp	42 F
Site	AGI Plant 2	Atm Temp	37 F
Site Type	Plant	Collection Date	11/26/2024
Sample Point	Inlet to Compressor	Collection Time	7:47 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)	PLS010

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.246	0.158	0.027
CARBON DIOXIDE	CO2	95.462	96.389	16.329
HYDROGEN SULFIDE	H2S	3.568	2.790	0.482
METHANE	C1	0.400	0.147	0.068
ETHANE	C2	0.071	0.049	0.019
PROPANE	C3	0.035	0.035	0.010
I-BUTANE	iC4	0.004	0.005	0.001
N-BUTANE	nC4	0.025	0.033	0.008
I-PENTANE	iC5	0.064	0.106	0.024
N-PENTANE	nC5	0.009	0.015	0.003
HEXANES PLUS	C6+	0.116	0.273	0.052
TOTALS:		100.000	100.000	17.023

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)	0.117	0.098	0.088	0.079	0.093	0.082

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	39.47	36.41	1.513	0.994	43.587	32.08
SATURATED	39.68	35.78	1.498	0.994	42.828	

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

SAMPLE ID		COLLECTION DATA	COLLECTION DATA		
Operator	Targa Resources Inc	Pressure	10 psig		
Location	Red Hills Processing Complex	Sample Temp	50 F		
Site	AGI Plant 2	Atm Temp	45 F		
Site Type	Plant	Collection Date	12/12/2024		
Sample Point	Inlet to Compressor	Collection Time	11:00 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)	PLS040		

**GPA 2261-20 Gas Fractional Analysis** 

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.579	0.375	0.064
CARBON DIOXIDE	CO2	93.094	94.606	15.924
HYDROGEN SULFIDE	H2S	5.799	4.564	0.784
METHANE	C1	0.295	0.109	0.050
ETHANE	C2	0.069	0.048	0.019
PROPANE	C3	0.038	0.039	0.011
I-BUTANÉ	iC4	0.019	0.026	0.006
N-BUTANE	nC4	0.015	0.020	0.005
I-PENTANE	iC5	0.004	0.007	0.001
N-PENTANE	nC5	0.004	0.007	0.001
HEXANES PLUS	C6+	0.084	0.199	0.037
TOTALS:		100.000	100.000	16.902

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)	0.080	0.061	0.050	0.039	0.052	0.044

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	48.49	44.70	1.504	0.994	43.306	39.55
SATURATED	48.55	43.92	1.489	0.994	42.551	

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

SAMPLE ID	MPLE ID COLLECTION DATA		
Operator	Targa Resources Inc	Pressure	10 psig
Location	Red Hills Processing Complex	Sample Temp	N/A
Site	AGI Plant 2	Atm Temp	50 F
Site Type	Plant	Collection Date	12/23/2024
Sample Point	Inlet to Compressor	Collection Time	9:44 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)	PLS083

GPA 2261-20 Gas Fractional Analysis

COMPOUND	FORMULA	MOL%	WT%	GPM
NITROGEN	N2	0.236	0.152	0.026
CARBON DIOXIDE	CO2	94.627	95.699	16.186
HYDROGEN SULFIDE	H2S	4.301	3.368	0.582
METHANE	C1	0.410	0.151	0.070
ETHANE	C2	0.063	0.044	0.017
PROPANE	C3	0.032	0.032	0.009
I-BUTANE	iC4	0.186	0.248	0.061
N-BUTANE	nC4	0.027	0.036	0.009
I-PENTANE	iC5	0.006	0.010	0.002
N-PENTANE	nC5	0.007	0.012	0.003
HEXANES PLUS	C6+	0.105	0.248	0.046
TOTALS:		100.000	100.000	17.011

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)	0.147	0.130	0.121	0.051	0.076	0.058

WATER CONTENT	BTU/CF, Gross	BTU/CF, Net	Specific Gr.	Z Factor	Mol Weight	Wobbe IDX
DRY	47.06	43.39	1.511	0.994	43.517	38.29
SATURATED	47.14	42.64	1.496	0.994	42.759	

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 424331

## **CONDITIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	424331
	Action Type:
	[C-103] Sub. General Sundry (C-103Z)

## CONDITIONS

Created By		Condition Date
mgebremich	el None	7/25/2025