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#### Appendix A – NMOCD Initial C-141 and E-mail Correspondence

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December 18, 2024

New Mexico Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Re: NMOCD #nAPP2425550015 Rojo Toro #4 Purge Event 32.21368, -103.44404 U/L N, Section 14, Township 24 South, Range 34 East

#### **Section 1: Event Details**

NMOCD Incident ID #nAPP2425550015 pertains to a residue gas purge event that occurred post processing and prior to custody transfer on January 20, 2024. There were no liquids released during the residue purge event. Please see the photos attached as Appendix C, showing no staining below the release point. This event was originally reported on a C-129 form on January 22, 2024 and assigned incident ID nAPP2402252471. Upon further review and per NMOCD direction, nAPP2402252471 did not meet the requirements of Part 27 or Part 28 NMAC, therefore the C-129 was cancelled using a C-129C form and an Initial C-141 submitted being assigned incident ID #nAPP2425550015. Reasoning for the venting event is summarized below.

Gas was vented to atmosphere to purge the pipeline of off-spec residue gas. It was necessary to purge the line to bring the residue gas line back within specification. Third party gas producers delivered off spec gas to the inlet of the processing facilities which resulted in off spec gas in the residue line. Gas was vented until the pipeline was purged. Once the residue gas was back within spec, the emission event ended. Please see Figure 9 illustrating the purge point.

#### **Section 2: Site Characteristics**

#### A. Depth to Groundwater

Targa reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. NMOSE POD 1 C-09943 was identified approximately 1.4 miles to the southwest of the site. Static water level was measured in the well at 431 feet below ground surface (ft bgs). NMOSE POD 1 C-09943 was drilled in April 2016.

The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water wells within the vicinity of the site, and a summary of depth to groundwater information and well log is provided as Appendix B.

#### B. Karst Potential & Subsurface Mines

Targa utilized the publicly available karst potential map published by the New Mexico Oil Conservation Division to determine the potential for encountering karst formations beneath the site. Review of the NMOCD



karst potential map indicates that the site is not located in an area of high potential to encounter karstic features. The distance to critical Karst features is 47.3 miles from the site.

Targa utilized the NMOCD database, Registered Mines in New Mexico to determine that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst and subsurface mine locations are illustrated on Figures 2A and 2B.

#### C. Distance to Nearest Potable Water Well

The nearest potable water well was identified as POD 1 CP-4682. The well is located 2.31 miles from the site and as of 2023 was utilized for domestic use. The location of CP-4682 is shown on the attached Figure 3.

#### D. Distance to Nearest Surface Water

Targa reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and NMOCD database for surface water in the vicinity of the site. The nearest surface water is located 7.73 miles from the site. The location of the nearest wetland is 1.08 miles northwest of the site. Surface water is illustrated on Figure 4 and surface water body on Figure 5. In addition to the surface water and wetland imagery, there is a riverine feature located approximately 0.64 miles southeast of the site. While this feature is mapped on the US Fish and Wildlife depicts it as a riverine feature, it is not a continuously flowing watercourse. The non-continuously flowing riverine feature is illustrated in Figure 6.

#### E. 100-year Floodplain

Review of flood map data published by the Federal Emergency Management Agency (FEMA) indicates the site is not within a 100-year floodplain. A copy of the FEMA FIRMete Map can be found attached as Figure 7.

#### F. Residence, School, Hospital, or Institution

Review of aerial imagery did not show that the site is within 300 feet (ft) of an occupied permanent residence, school, hospital, or institution. Distance to the nearest occupied permanent residence is approximately 8.05 miles from the site and is illustrated in Figure 8.

#### G. Proximity to Sensitive Receptors and Site Characteristics Summary

The table below denotes if the site is located within the minimum allowable distance from a sensitive receptor, as defined in New Mexico Administrative Code (NMAC) 19.15.29.

Site Characteristics Summary		
Approximate depth to groundwater:	~431	ft bgs
Within an area of high karst potential?	🗆 Yes	⊠ No
Within 300 ft. of any continuously flowing of significant watercourse?	🗆 Yes	⊠ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	🗆 Yes	☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	🗆 Yes	⊠ No
Within 500 ft. of a spring or private, domestic fresh water well?	🗆 Yes	☑ No



Within 1,000 ft. of any fresh water well?	🗆 Yes	☑ No
Within the incorporated municipal boundaries or within a municipal well field?	🗆 Yes	⊠ No
Within 300 ft. of a wetland?	🗆 Yes	⊠ No
Within the area overlying a subsurface mine?	🗆 Yes	⊠ No
Within a 100-year floodplain?	🗆 Yes	⊠ No

#### **Section 3: Remediation Action Levels**

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Therefore, the NMOCD Action Levels for a site with a depth to groundwater less than 50 feet bgs are applicable at the site, due to proximity of closest well being greater than a half mile; these Action Levels are as follows:

Constituent	Remediation Action Level
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg
TPH – total petroleum hydrocarbons	GRO – gasoline range organics
DRO – diesel range organics	MRO – motor/lube oil range organics
BTEX – benzene, toluene, ethylbenzene, total xylenes	mg/kg – milligrams per kilogram

#### **Section 4: Reclamation Action Levels**

NMAC 19.15.29.13(D) codifies, and the Procedures for Implementation of the Spill Rule, dated September 6, 2019, clarifies that the top four feet of the remediated area should be non-waste containing. Therefore, the NMOCD Reclamation Standards are applied to the top four feet of any area impacted by a release that is not located within an active production facility. NMOCD Reclamation Standards are as follows:

Constituent	Remediation Action Level
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg
TPH – total petroleum hydrocarbons	GRO – gasoline range organics
DRO – diesel range organics	MRO – motor/lube oil range organics
	• · · · · · · · · · · · · · · · · · · ·

BTEX – benzene, toluene, ethylbenzene, total xylenes

mg/kg – milligrams per kilogram

#### **Section 5: Remediation/Variance Request**

This was an above ground residue gas only purge to atmosphere event due to off-spec gas being sent from producers. The purge event did not release any liquids to the ground, photographs are shown in Appendix C illustrating no staining to soil. Per NMOCD direction on September 6, 2024, Targa is respectfully requesting a variance to NMAC Part 29 sampling requirements due to the absence of liquids released.



#### Section 6: Reclamation & Revegetation Variance Request

The Rojo Toro #4 purge event occurred at an active Targa Facility constructed on a caliche pad. There were no liquids released and no soil impact, therefore no remediation required of Targa. Targa has no known plans to deconstruct the Rojo Toro facility, as a result reclamation and revegetation would be infeasible at this time. A variance to reclamation and revegetation requirements is respectfully requested due to current use and infeasibility.

#### **Section 7: Closure Request**

Based on this event being a residue gas only purge due to off-spec gas with no liquids released, Targa believes that applicable portions of NMAC 19.15.29 have been met and would like to respectfully request closure of Incident ID #nAPP2425550015. Should you have any questions, please feel free to contact me at (575)635-9096 or <u>agroves@targaresources.com</u>.

Thank you,

Amber Groves ES&H Staff Specialist



Figure 1



NMOSE POD 1 C-03943 Map

Received by OCD: 12/18/2024 3:05:44 PM



Targa Midstream Services LLC 6 Desta Drive, Suite 3300 Midland, TX 79705 432.688.0555 www.targaresources.com





**NMOCD Karst Potential Map** 



Figure 2B



NMOCD Registered Mine Map



Figure 3



NMOSE POD 1 C-4682 Map



Figure 4



NMOCD Surface Water Map



Figure 5



US Fish and Wildlife Wetlands Map



Figure 6



US Fish and Wildlife Riverine Map



Figure 7



FEMA 100-Year Floodplain Map

Received by OCD: 12/18/2024 3:05:44 PM



Targa Midstream Services LLC 6 Desta Drive, Suite 3300 Midland, TX 79705 432.688.0555 www.targaresources.com

Figure 8



**Nearest Permanent Residence Map** 



Figure 9



Green Circle Indicates Purge Point at Rojo Toro Facility

APPENDIX A -NMOCD Initial C-141 & E-mail Correspondence

AMBERG (ENVIRONMENTAL SPECIALIST FOR TARGA NORTHERN DELAWARE, LLC.) SIGN OUT HELP

		Searches	Operator Data	Submissions	Administratio
CD Perr	mitting				
	•	41			
e Submissions	Releases C-141 Submit Applica	tion			
ubmit Fee	e [C-141] Release Corre	ctive Action (C-141)			
	e [C-141] Release Corre				
		nt Details			
Submission C	Contact, Application, Fee and Payme	nt Details	@state.nm.us for support.		
Submission C	Contact, Application, Fee and Payme	Application Status: Draft Application			

Edit Submission Contact Details

# Type ID District County Location Incident ID [nAPP2425550015] Delete Hobbs Lea N-14-24S-34E 0 FNL 0 FEL 32.21368,-103.44406 NAD83 Note: Changing or deleting this ID will clear all the answers for this current application. Note: Changing or deleting this ID will clear all the answers for this current application.

Method of submission	on				
Upload Attachment(s):					
Attachmer	t Type (Description) Tag(s)	Original Uploaded File Name			
Volume Calculation Add	l <u>Tag</u>	corrected Rojo toro purge 1 20 2024 x2.pdf (214.9 KB) Replace File	<u>Delete</u>		
		Files: 1 Total Size: 214.9 KB			
Add Application Attachments					
Notice: It is your responsib	ility to verify that your uploaded application a	nd attachments are complete and attached successfully.			

• If your upload is successful and your application or attachments contains fillable fields, use the link above to verify all the fields are being populated appropriately.

• If the fields in your file(s) are not being populated after uploading, we recommend using your editing software to flatten or restrict the editing options on your file(s) prior to uploading.

• Use the delete link to remove any attachment and re-upload a new file; only the current attachment(s) is submitted for review.

Que	estions	
Prere	quisites	
	Incident Operator	[331548] Targa Northern Delaware, LLC.
	Incident Type	Vent
	Incident Status	Notification Accepted
	Incident Well	
	Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.

AMBERG (ENVIRONMENTAL SPECIALIST FOR TARGA NORTHERN DELAWARE, LLC.) SIGN OUT HELP

		Searches	Operator Data	Submissions	Administration
•	Surface Owner	Private			<u>Clear</u>
Inc	ident Details				
Ple	ase answer all the questions in this group.				
	Incident Type	<u>Vent</u>			<u>Clear</u>
	Did this release result in a fire or is the result of a fire	No			<u>Clear</u>
	Did this release result in any injuries	No			<u>Clear</u>
	Has this release reached or does it have a reasonable probability of reaching a watercourse	No			<u>Clear</u>
	Has this release endangered or does it have a reasonable probability of endangering public health	No			<u>Clear</u>
	Has this release substantially damaged or will it substantially damage property or the environment	<u>No</u>			<u>Clear</u>
	Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No			<u>Clear</u>

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

•	Crude Oil Released (bbls) Details	0		
•	Produced Water Released (bbls) Details	0		
•	Is the concentration of chloride in the produced water >10,000 mg/l	No	<u>Clear</u>	
•	Condensate Released (bbls) Details	0		
Δ	Natural Gas Vented (Mcf) Details	Cause: Other   Pipeline (Any)   Natural Gas Vented   Released: 15,963 Mcf   Recovered: 0 Mcf   Lost: 15,963 Mcf.	<u>Clear</u>	<u>Reset</u>
•	Natural Gas Flared (Mcf) Details	0		
Δ	Other Released Details	0		<u>Reset</u>
۰	Are there <b>additional details</b> for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	0		

#### Nature and Volume of Release (continued)

- Is this a gas only submission (i.e. only significant Mcf values reported)
- Was this a major release as defined by Subsection A of 19.15.29.7 NMAC
- Reasons why this would be considered a submission for a notification of a major release

Yes, according to supplied volumes this appears to be a "gas only" report.

Yes

From paragraph A. "Major release" determine using: (3) an unauthorized release of gases exceeding 500 MCF.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

#### Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

•	The source of the release has been stopped	True	<u>Clear</u>
•	The impacted area has been secured to protect human health and the environment	True	<u>Clear</u>
•	Released materials have been contained via the use of berms or dikes, absorbent	True	<u>Clear</u>
	pads, or other containment devices		

#### Released to Imaging: 12/19/2024 9:40:17 AM

		Searches	Operator Data	Submissions	Administrati
e certain release perator of liability	t the information given above is true and complete to the best of my knowl notifications and perform corrective actions for releases which may endar should their operations have failed to adequately investigate and remedia eptance of a C-141 report does not relieve the operator of responsibility fo	nger public health or the environte te contamination that pose a t	onment. The acceptance on hreat to groundwater, surf	of a C-141 report by the C face water, human health	CD does not relieve
∆ I hereby aç	gree and sign off to the above statement	Name: Amber Groves Title: Environmental Spec Email: agroves@targares Date: 09/11/2024			<u>Clear</u>
e Characteriza	tion				
ase answer all the	questions in this group (only required when seeking remediation plan approval and beyo	nd). This information must be provid	led to the appropriate district of	fice no later than 90 days after	the release discovery da
	e shallowest depth to groundwater beneath the area affected by the reet below ground surface (ft bgs)	0			
What meth	od was used to determine the depth to ground water	0			
	ease impact groundwater or surface water	0			
at is the minin	num distance, between the closest lateral extents of the release and t	he following surface areas:			
A continuo	usly flowing watercourse or any other significant watercourse	0			
Any lakebe	d, sinkhole, or playa lake (measured from the ordinary high-water mark)	0			
An occupie	d permanent residence, school, hospital, institution, or church	0			
	a private domestic fresh water well used by less than five households for r stock watering purposes	0			
Any other t	resh water well or spring	0			
Incorporate	ed municipal boundaries or a defined municipal fresh water well field	0			
A wetland		0			
A subsurfa	ce mine	0			
An (non-ka	rst) unstable area	0			
Categorize	the risk of this well / site being in a karst geology	0			
A 100-year	floodplain	0			
Did the rele storage site	ease impact areas not on an exploration, development, production, or	0			
mediation Plar					
	<ul> <li>questions that apply or are indicated. This information must be provided to the appropriat</li> </ul>	te district office no later than 90 day	s after the release discovery da	te.	
Requesting	g a remediation plan approval with this submission	No			<u>Clear</u>

Make Payment Delete

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

•

AMBERG (ENVIRONMENTAL SPECIALIST FOR TARGA NORTHERN DELAWARE, LLC.) SIGN OUT HELP

Searches	Operator Data	Submissions	Administration
Searches	Operator Data	3001113510115	Administration

#### Groves, Amber L.

From:	Groves, Amber L.
Sent:	Monday, September 16, 2024 9:24 AM
То:	Nelson.Velez@state.nm.us
Subject:	FW: [EXTERNAL] Re: C-129's Vs. C-141's

This is the correspondence between Cory and I on these events.

Thank you!

Amber

From: Groves, Amber L.
Sent: Monday, September 9, 2024 3:04 PM
To: Eales, Matt <meales@targaresources.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>
Cc: Reynolds, Sylwia A. <sreynolds@targaresources.com>; Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Thank you, Cory!

I will get these C-129's cancelled and the initial C-141's submitted this week.

Thank you,

Amber

From: Eales, Matt <<u>meales@targaresources.com</u>>
Sent: Sunday, September 8, 2024 8:02 AM
To: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Groves, Amber L. <<u>agroves@targaresources.com</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Cory,

Thank you for your testing of the system and detailed email. We will begin work on this in the coming week.

All the best, Matt 832.496.7513

From: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>
Sent: Friday, September 6, 2024 3:34 PM
To: Groves, Amber L. <<u>agroves@targaresources.com</u>>; Eales, Matt <<u>meales@targaresources.com</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Amber,

I did some testing in our system and we current will not block submissions of Gas Only Releases on the C-141's.

Targa can submit these releases through the C-141 process. It is very important that in the "Other Information Section" Targa Identifies that this gas release does not meet the requirements of Part 27 or 28 NMAC. I would also reiterate that point in your Executive summary. Each C-141 Packet should include all the information required in 19.15.29 NMAC (I.e site maps, pictures executive summary's etc.). Additionally Targa will need to include variances to the requirements for collection of soil samples, and reclamation/revegation.

Thanks,

**Cory Smith** • Environmental Projects Supervisor Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113 505.419.2687 | <u>Cory.Smith@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Groves, Amber L. <agroves@targaresources.com>
Sent: Tuesday, August 27, 2024 11:37 AM
To: Eales, Matt <<u>meales@targaresources.com</u>>; Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Good Afternoon, Cory,

I just wanted to follow up on the email exchange below regarding how we should proceed with getting these C-129's entered as C-141's. We would also be happy to set up a call to discuss if that is more convenient for you.

Thank you,

Amber

From: Eales, Matt <<u>meales@targaresources.com</u>>
Sent: Wednesday, July 31, 2024 3:00 PM
To: Groves, Amber L. <<u>agroves@targaresources.com</u>>; Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Thanks Amber.

Cory – we are fine with submitting separate C-141s for each event. As we had discussed with Brandon and you, these events happened after our Red Hills Gas Processing Plant and, thus, are outside of the scope of the NMOCD Methane Rule so we are just trying to ensure they are filed appropriately in the right location in C-141.

Let me know if you'd like to have a follow-up call at your convenience.

All the best, Matt

From: Groves, Amber L. <agroves@targaresources.com>
Sent: Tuesday, July 30, 2024 2:18 PM
To: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Eales, Matt <meales@targaresources.com>

Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>> Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Cory,

Please see the attached. This is for the February 17<sup>th</sup> event as an example.

Thank you,

Amber

From: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>
Sent: Tuesday, July 30, 2024 1:06 PM
To: Groves, Amber L. <<u>agroves@targaresources.com</u>>; Eales, Matt <<u>meales@targaresources.com</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Amber,

Can you please provide me with a gas analysis of the discharge gas?

**Cory Smith** • Environmental Projects Supervisor Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113 505.419.2687 | <u>Cory.Smith@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Groves, Amber L. <agroves@targaresources.com>
Sent: Tuesday, July 30, 2024 12:57 PM
To: Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Eales, Matt <meales@targaresources.com>
Cc: Reynolds, Sylwia A. <sreynolds@targaresources.com>; Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

Thank you, Cory. This was for the events that were past the plant process that OCD determined should be reported on C-141's instead of C-129's. They were blowdowns for off-spec gas, with no liquids released. Since we can't report on C-141's without liquids, we had discussed being able to turn in photos in lieu of going through the entire remediation process since there were no liquids released. With that information, would you look at the first two questions again, please?

Thank you!

Amber

From: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>
Sent: Tuesday, July 30, 2024 12:16 PM
To: Eales, Matt <<u>meales@targaresources.com</u>>; Groves, Amber L. <<u>agroves@targaresources.com</u>>
Cc: Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>
Subject: RE: [EXTERNAL] Re: C-129's Vs. C-141's

All,

Its been a while since our conversation so I may have missed details we had discussed(Please remind me) so I will answer these with the information provided. A

- 1. Since an initial C-141 requires a liquid volume, how should this be handled? We won't have any liquids released on any of them.
  - 1. If there are no Liquids then you should be using a C-129 not a C-141
- 2. What would be required of us to be able to do the initial C-141 and follow through the Remediation and closure portions in one submittal? I believe the possibility of attaching photos of the blowdown location was discussed on our call to satisfy the remediation and closure portions, but would like to confirm.
  - 1. If you had a gas release with liquids, the operator would need to Follow All aspects of Part 29, that would include sampling impacted area, summary, maps, pictures, reclamation etc.
- 3. Does each event need to be it's own C-141, or do we have the possibility to combine them into one submittal?
  - 1. Each reportable event would need its own C-141.
- 4. I thought of another question on these events. Since I will be cancelling the C-129's, would I be able to use the same incident ID's or will I need to do the NOR for each one to create a new one?
  - 1. Need to Submit a C-129C and cancel the incident then submit a NOR/Initial C-141

**Cory Smith** • Environmental Projects Supervisor Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113 505.419.2687 | <u>Cory.Smith@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Eales, Matt <<u>meales@targaresources.com</u>>
Sent: Tuesday, July 30, 2024 9:58 AM
To: Groves, Amber L. <<u>agroves@targaresources.com</u>>
Cc: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>
Subject: [EXTERNAL] Re: C-129's Vs. C-141's

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Cory,

If it is of any help, I am in SF this week and can come by your office just to ensure we take the right steps in your eyes.

All the best, Matt Eales 832-496-7513

On Jul 30, 2024, at 8:33 AM, Groves, Amber L. <<u>agroves@targaresources.com</u>> wrote:

Good Morning, Cory,

I thought of another question on these events. Since I will be cancelling the C-129's, would I be able to use the same incident ID's or will I need to do the NOR for each one to create a new one?

Thank you!

Amber

From: Groves, Amber L.
Sent: Monday, July 29, 2024 11:32 AM
To: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Reynolds, Sylwia A.
<<u>sreynolds@targaresources.com</u>>
Cc: Eales, Matt <<u>meales@targaresources.com</u>>
Subject: C-129's Vs. C-141's

Good Morning, Cory!

As a follow up to our discussion on the event's that we need to cancel the C-129's and submit C-141's, I would like to confirm how we need to do this. Would you be able to give clarification on the below, please?

- 1. Since an initial C-141 requires a liquid volume, how should this be handled? We won't have any liquids released on any of them.
- 2. What would be required of us to be able to do the initial C-141 and follow through the Remediation and closure portions in one submittal? I believe the possibility of attaching photos of the blowdown location was discussed on our call to satisfy the remediation and closure portions, but would like to confirm.
- 3. Does each event need to be it's own C-141, or do we have the possibility to combine them into one submittal?

If a meeting would be easier, we would be more than happy to discuss that way! Please let me know if you would prefer that and what your availability would be.

Thank you,

Amber

<image001.jpg>

Amber Groves | Targa Resources | ES&H Staff Specialist Cell: (575)635-9096 | agroves@targaresources.com

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#### Groves, Amber L.

From:	Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov></cory.smith@emnrd.nm.gov>
Sent:	Friday, November 15, 2024 11:30 AM
То:	Eales, Matt; Groves, Amber L.; Reynolds, Sylwia A.
Cc:	Maxwell, Ashley, EMNRD
Subject:	RE: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 397923

#### Amber/Matt

OCD directed Targa to complete the C-141 application for these releases per my email on Friday September 6, 2024.

"Targa can submit these releases through the C-141 process. It is very important that in the "Other Information Section" Targa Identifies that this gas release does not meet the requirements of Part 27 or 28 NMAC. I would also reiterate that point in your executive summary. Each C-141 Packet should include all the information required in 19.15.29 NMAC (i.e site maps, pictures, executive summary, etc.). Additionally Targa will need to include variances to the requirements for collection of soil samples, and reclamation/revegation."

Releases under 19.15.29 NMAC are required to have a site characterization, a closure remediation report, a reclamation report, and a revegetation report. Releases of gas to atmosphere require the same reporting criteria as liquids released to the ground under 19.15.29 NMAC. The submitted reports did not meet the requirements of the rule. Siting criteria must be included in the reports and supported by maps and other documentation such as depth to groundwater data from OSE, USGS, ect. OCD uses this information to verify that the answers are answered correctly on the submitted C-141. Several of the submitted reports had incorrect data provided under the C-141 site characterization. For example, NAPP2425544956 ROJO TORO PURGE #1 @ 0, was answered the following way:

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Δ	What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
Δ	What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Δ	Did this release impact groundwater or surface water	No
Vhat	t is the minimum distance, between the closest lateral extents of the release and th	e following surface areas:
Δ	A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Δ	Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
Δ	An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
Δ	A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Δ	Any other fresh water well or spring	Greater than 5 (mi.)
Δ	Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
Δ	A wetland	Between 1 and 5 (mi.)
Δ	A subsurface mine	Between 1 and 5 (mi.)
Δ	An (non-karst) unstable area	Greater than 5 (mi.)
Δ	Categorize the risk of this well / site being in a karst geology	Low
Δ	A 100-year floodplain	Greater than 5 (mi.)
Δ	Did the release impact areas not on an exploration, development, production, or storage site	No

However, when OCD reviewed the site on the OCD map, it is clear that there are two water courses less than 5 miles away.



OCD reviewed the application and noted that there were no supporting documents for the siting criteria, executive summary's, scaled site maps, photos of the release area showing no liquids impacts (some had photos). Lastly, there were no written variance request per 19.15.29.14 NMAC and thus rejected the applications for not meeting the requirements of 19.15.29 NMAC.

Please review the rejection emails and resubmit the "**Revegetation reports**, with all of the required documents/attachments." My recommendation would be to submit one report first and let OCD review it before submitting all 10 reports.

Thanks,

**Cory Smith** • Environmental Projects Supervisor Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113 505.419.2687 | <u>Cory.Smith@emnrd.nm.gov</u> <u>http://www.emnrd.state.nm.us/OCD/</u>

From: Eales, Matt <meales@targaresources.com> Sent: Thursday, November 14, 2024 10:46 AM

To: Groves, Amber L. <agroves@targaresources.com>; Smith, Cory, EMNRD <cory.smith@emnrd.nm.gov>; Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>; Reynolds, Sylwia A. <sreynolds@targaresources.com> Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 397923

Thank you, Amber.

Cory/Ashley – please know that we are happy to do whatever you feel is necessary to properly document the fact that these were just gas releases with no release to the ground. If we need to do sampling or whatever you feel helps you feel comfortable from a record-keeping standpoint, please just let us know.

Also, I will be at the Wendell Chino building Monday for a meeting from 12-1pm and can meet in-person before or after this at your convenience to help in our mutual understanding of expectations.

All the best, Matt 832.496.7513

From: Groves, Amber L. <<u>agroves@targaresources.com</u>>
Sent: Thursday, November 14, 2024 11:18 AM
To: Smith, Cory, EMNRD <<u>cory.smith@emnrd.nm.gov</u>>; Maxwell, Ashley, EMNRD <<u>Ashley.Maxwell@emnrd.nm.gov</u>>; Eales, Matt <<u>meales@targaresources.com</u>>; Reynolds, Sylwia A. <<u>sreynolds@targaresources.com</u>>;
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 397923

Good Morning, Cory,

I have a few questions regarding the denial of these ten events. These are the events in the attached correspondence and that you, Matt and I had a few meetings on as well. In the meetings and the attached, it was agreed upon that Targa would not be required to take samples and that photographs would suffice as there were no liquids released in any of the events. It was also agreed that we would need to put in for a variance for reclamation and revegetation. The variance request was submitted on the C-141 per your direction. The denial below is the same for all 10 events. Would you please advise on what Targa's next steps are to resolve these events? We would be happy to set up a call as well.

Thank you,

Amber



Amber Groves | Targa Resources | ES&H Staff Specialist Cell: (575)635-9096 | agroves@targaresources.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, November 14, 2024 9:19 AM
To: Groves, Amber L. <agroves@targaresources.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 397923

**CAUTION:** This email originated from outside of Targa. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Amber Groves for Targa Northern Delaware, LLC.),

Page 30 of 48

- Reclamation report denied.
- Submitted reclamation report does not meet the requirements of 19.15.29 NMAC.
- Although the release was gas, a site characterization must be conducted and accurately reflected on the C-141. Refer to 19.15.29.11 NMAC for the requirements of a site characterization. This information will need to be included in the submitted report.
- The submitted report must meet the reporting requirements listed in 19.15.29.12/13.
- Variance requests must be included in the report to as why sampling was not conducted, and to why reclamation and revegetation is not required.
- Submit a report via the OCD permitting portal by January 13, 2025.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 397923. Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you, Ashley Maxwell Projects Environmental Specialist - A 505-635-5000 <u>Ashley.Maxwell@emnrd.nm.gov</u>

#### New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

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APPENDIX B – DEPTH TO GROUNDWATER INFORMATION

#### Received by OCD: 12/18/2024 3:05:44 PM

# Point of Diversion Summary

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# TopBottomDescription39431Sandstone/Gravel/Conglomerate

#### **Casing Perforations:**

 Top
 Bottom

 420
 480

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/4/24 6:57 AM MST

Point of Diversion Summary

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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C-3943           WELCOMMERTALINATION           Bert Madera         C/3943           WELCOMMERTALINATION         STS-531-4444           WELCOMMERTALINATION         STATE         STATE           UNITED         DECEMBERTALINATION         STATE         STATE           UNITED         DECEMBERTALINATION         STATE         STATE         STATE           UNITED         DECEMBERTALINATION         DECEMBERTALINATION         STATE         STATE         STATE           UNITED         DECEMBERTALINATION         DECEMBERTALINATION         MARCORALED         NOS CONTROLLED         ONS STATE           UNITED         DECEMBERTALINATION         MARCORALED         NOS CONTROLLED         NOS STATE           UNITED         DECEMBERTALINATION         MARCORALED         DECEMBERTALINATION         MARCORALED         MARCORALED           UNITED         DESTITION CONTROL TO STATE TO STATE TABLES         STATE         MARCORALED         MARCORALED           UNITED         DESTITION CONTROL TO STATE TO STATE         DESTITION CONTROL TO STATE TO STATE         MARCORALED         MARCORALED           UNITED         DESTITION CONTROL TO STATE TO STATE         DESTITION CONTROL TO STATE         DESTITION CONTROL TO STATE         MARCORALED         MARCORALED		OSE POD N	JMBER (WEI	L NUMBER)				OSE FILE NU	MBER(S)				
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FROM         TO         DIAM. (inches)         GRAVEL PACK SIZE-RANGE BY INTERVAL         (cubic feet)         PLACEMENT           0'         40'         14 3/4"         portland cement         13.38'         hand           20'         610'         11"         1/2" gravel         253.5'         hand           0'         20'         11"         portland cement         11.1'         hand           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           118.1'         10         0         0         0         0         0         0         0         0         0													
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FROM         TO         DIAM. (inches)         GRAVEL PACK SIZE-RANGE BY INTERVAL         (cubic feet)         PLACEMENT           0'         40'         14 3/4"         portland cement         13.38'         hand           20'         610'         11"         1/2" gravel         253.5'         hand           0'         20'         11"         portland cement         11.1'         hand           0'         20'         10         1         portland cement         11.1'         hand           0'         20'         11"         portland cement         11.1'         hand									· · · · · · · · · · · · · · · · · · ·	<u> </u>			
FROM         TO         DIAM. (inches)         GRAVEL PACK SIZE-RANGE BY INTERVAL         (cubic feet)         PLACEMENT           0'         40'         14 3/4"         portland cement         13.38'         hand           20'         610'         11"         1/2" gravel         253.5'         hand           0'         20'         11"         portland cement         11.1'         hand           0         0         0         0         0         0         0         0           0         0         0         0         0         0         0         0           11         0         0         0         0         0         0         0         0         0         0		DEPTH	(feet bgl)	BOREHOLE	LIST ANN	IULAR SEAL MA	TERIAL A		AMOUNT				
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	T												
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	<b>ERL</b>			14 3/4"	portland cemer	nt			13.38'	hand			
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	ITI	20'	610'	11"	1/2" gravel	·····			ſ	hand			
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	RM	0'	20'	11"		nt							
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	ЛА				•								
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER	INN												
FOR OSE INTERNAL USE     WR-20 WELL RECORD & LOG (Version 06/08/2012)       FILE NUMBER     C - 3943       POD NUMBER     TRN NUMBER					·····			. <u></u>					
FILE NUMBER C-3943 POD NUMBER TRN NUMBER 585607										-			
FILE NUMBER C-3943 POD NUMBER TRN NUMBER 585607	FOR	OSE INTER	NALUSE	<b></b>		<u>.</u>		WR_2			08/2012)		
			~	- 2912	T	POD NUMBER	1				)		
	LOC	ATION	নট	S SUF A	1 2.4.2			I	FVD		E 1 OF 2		

	DEPTH (	feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATED	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0'	8'	8'	top soil	CYEN	
[	8	25'	17'	caliche	CY (N	
	25'	39'	14'	red clay	Сүбм	
	39'	431'	392'	sand stone	GY CN	5+
	431'	610'	179'	sand stone	Счем	
E					CYCN	
4. HYDROGEOLOGIC LOG OF WELL					CYCN	
: 0F					CYCN	
L00					CYC <sup>N</sup>	
ElC I						
FO					CYCN	Ĩ
GEO					CYCN	
RO					CYCN	
HYL					СҮСМ	
<u> </u> <del>ਪੱ</del>					CYCN	
					CYCN	
					CYCN	
					CY CN	- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
					CYCN	<u> </u>
	METHOD U				DTAL ESTIMATED	5
NC	WELL TES	T TEST STAR	RESULTS - ATT I TIME, END TI	ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER 1	DING DISCHARGE N	METHOD,
VOISIV	MISCELLA	NEOUS INF	ORMATION:			
TEST; RIG SUPERV						
EST;	PRINT NAM	AF(S) OF DI		VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTR	UCTION OTHER TO	AN LICENSEE
S. TH		AE(S) OF DE		VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTR	COUTION OTHER TH	AN LICENSEE:
TURE	CORRECT	RECORD O	F THE ABOVE D	TIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECO 20 DAYS AFTER COMPLETION OF WELL DRILLING:		
6. SIGNATURE	(	Just	in M	June Justin Mollins 4-	- 24-16	
		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME	DATE	
FO	R OSE INTER	NAL USE		WR-20 WFL11	RECORD & LOG (Ver	rsion 06/08/2012)
	E NUMBER	7	7,794	3 POD NUMBER TRN NUMBER	58510	$\overline{77}$
LOC	CATION	SUS	3.34F	21.2.4.2	FXP1	PAGE 2 OF 2

EXP

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#### Received by OCD: 12/18/2024 3:05:44 PM

# Point of Diversion Summary

Page	35	of	<b>48</b>

			are 1=NW 2=NE ters are smallest								
Well Tag	POD	Nbr Q64	Q16	Sec	Tws	Rng	x	Y	Мар		
NA	C 0468	82 SE	SE	NE	25	24S	34E	649348.6	3562621.8		
• UTM locatio	on was de	rived from PLSS	- see Help								
Driller Lice	ense:	1058	Driller Co	mpany:	KEY'S	s drill	ING & P	UMP SERVIC	E		
Driller Na	me:	GARY KEY									
Drill Start	Date:	2022-12-20	Drill Finisl	n Date:	2023	-01-18			Plug Dat	te:	2023-01-18
Log File D	ate:	2023-02-08	PCW Rcv	Date:					Source:		Shallow
Pump Typ	e:		Pipe Disch	arge Size					Estimate	d Yield:	3
Casing Siz	e:	4.50	Depth We	11:	290				Depth W	later:	180

#### Water Bearing Stratifications:

Тор	Bottom	Description
157	270	Sandstone/Gravel/Conglomerate

#### **Casing Perforations:**

 Top
 Bottom

 160
 290

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/4/24 1:04 PM MST

Point of Diversion Summary

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# WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO.		)		WELL TAG ID NO. 211EC			OSE FILE NO(	S).			
NOI	C04682 PO	D 1				C-04682						
OCAT	WELL OWNE Daniel Baez					PHONE (OPTI 575-390-256						
GENERAL AND WELL LOCATION	well owne 7225 Mock					CITY Hobbs		STATE NM	88240	ZIP		
í	WELL		DE									
LA	LOCATIO	N LAT	TTUDE	32 11 24.83242 <sub>N</sub> * AG				* ACCURACY	REQUIRED: ONE TENT	TH OF A	SECOND	
ERA	(FROM GP	S)		103	24	56.354	437 W	* DATUM RE	QUIRED: WGS 84			
GEN	DESCRIPTIC	N RELATIN	G WELL LOCATION TO	STREET ADD	RESS AND COMMON	I LANDMA	RKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AV	AILABLE	
1.0												
	LICENSE NO		NAME OF LICENSED	DRILLER					NAME OF WELL DR	ILLING C	COMPANY	
	WD1	058			GARY KEY				KEY'S DRILLI	NG & P	UMP SERVIO	CE, INC
	DRILLING ST		DRILLING ENDED	DEPTH OF CO	MPLETED WELL (F	T)		LE DEPTH (FT)	DEPTH WATER FIRS	ST ENCO 18		
	12/20/2	2022	01/19/2023		290			920				
N	COMPLETED	WELL IS:	ARTESIAN *add Centralizer info bel	DRY HO	LE 🔽 SHALLO	W (UNCON	IFINED)		WATER LEVEL PLETED WELL 165	5FT	DATE STATIC	
VIIO	DRILLING FI	LUID:	🖌 AIR	MUD	ADDITIV	ES – SPEC	IFY:					
& CASING INFORMATION	DRILLING M	ETHOD: 🔽	ROTARY HAMN	ier 🗌 cab	LE TOOL 🔲 OTH	ER – SPEC	IFY:		CHECK INSTAL	HERE IF	F PITLESS ADA	PTER IS
NFO	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AND	D/OR	C	ASING	CASING	CAS	ING WALL	SLOT
IDN	FROM	то	DIAM	GRADE CONN			NECTION	INSIDE DIAM.		ICKNESS	SIZE	
ASI			(inches)				TYPE ling diameter)	(inches)		(inches)	(inches)	
& C	0	20	16-3/4"		12" STEEL				12"		.250	
NG	-2	160	9-7/8"		PVC SCH40			PLINE	4-1/2"		SCH40	022
DRILLING	160	290	9-7/8"		PVC SCH40		SI	PLINE	4-1/2"		SCH40	.032
DRI												
5.												
	DEDTU	(feet bgl)		LIST ANN	ULAR SEAL MATE	RIAL AND	GRAVE	L PACK SIZE-	AMOUNT		METHO	DOF
F	FROM	TO	BORE HOLE DIAM. (inches)	*(if using C	RANGE B entralizers for Artesi			spacing helow	(cubic feet)		PLACEN	
ERIA	0	20	16-3/4"	In using Co		T SLURF		spucing below	13.09		POU	R
ITA	0	62	9-7/8"		HYDRATED B	ENTONI	TE CHIPS	5	22.35		TREN	<b>/IIE</b>
ANNULAR MATERIAL	62	114	9-7/8"		PEA G	GRAVEL			21.26		POU	IR
DLA	114	290	9-7/8"		8/16 SIL	ICA SAN	D		71.98		TREN	4IE
NN												
3. A										ach	YPR pud tors	
									USE DIT ME	w w 4	and a strong of the	-

FOR OSE INTERNAL USE		WR-20 WELL REC	CORD & LOG (vers	on 09/22/2022)			
FILE NO. C-44082 POD 1	POD NO.	TRN NO.	738374				
LOCATION Don + Stk 24.34.25	5. 442 WELI	L TAG ID NO. 2	ILEC	PAGE 1 OF 2			
			THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
--------------------	---	---------	---------------------	---	--------------------------------------	--	--
	0	5	5	RED SAND	Y 🖌 N		
ŀ	5	23	18	CALICHE	Y 🖌 N		
ł	23	118	95	RED SANDSTONE AND CLAY	Y 🖌 N		
t	118	157	39	BROWN & RED SANDSTONE	Y 🖌 N		
Ì	157	270	113	RED CLAY & SANDSTONE	🖌 Y N	3.00	
T	270	290	20	TAN SANDSTONE	Y VN		
WELL	290	324	34	RED CLAY	Y 🖌 N		
OF	324	410	86	RED CLAY WITH SANDSTONE STREAKS	Y 🖌 N		
LOG	410	905	495	RED & GRAY SPECKLED SANDSTONE/MUDSTONE	Y 🖌 N		
ICL	905	920	15	DOLOMITE-RUSTLER FORMATION	Y 🖌 N		
HYDROGEOLOGIC					Y N		
EO					Y N		
ROC					Y N		
<b>D</b> XH					Y N		
4.					Y N		
ľ					Y N		
ľ					Y N		
ľ					Y N		
Ī					Y N		
Ī					Y N		
					Y N		
	METHOD U			OF WATER-BEARING STRATA:	TOTAL ESTIMATED WELL YIELD (gpm):	3	
	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD,						
NOIS	START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.						
TEST; RIG SUPERVIS	MISCELLANEOUS INFORMATION: THIS WELL WAS DRILLED TO 920 AND PLUGGED BACK TO 290FT UNDER WELL PLUGGING PLAN OF OPERATIONS DATED 1-9-2023. THE WELL THEN WAS COMPLETED AS A DOMESTIC WELL.						
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: CASEY KEY						
SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT FOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
6. SIGNA	GARY KEY			2/8/2023			
		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE NAME	DATE		
FOR	OSE INTER	NAL USE		WR-20 WE	LL RECORD & LOG (V	ersion 09/22/202	

APPENDIX C – PHOTOGRAPHIC LOG

### **Rojo Toro Photo Documentation**



Photo of Purge Point facing North



Photo of Purge Point facing North

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

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Luse.	10	<b>vj</b>	10

QUESTIONS

Action 413608

QUESTIONS
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Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	413608
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

### QUESTIONS

Prerequisites		
nAPP2425550015		
NAPP2425550015 ROJO TORO PURGE #4 @ 0		
Other		
Re-vegetation Report Received		
[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.		

#### Location of Release Source

Please answer all the questions in this group.	
--	--

Site Name	ROJO TORO PURGE #4
Date Release Discovered	01/20/2024
Surface Owner	Private

#### Incident Details

Please answer all the questions in this group.				
Incident Type	Other			
Did this release result in a fire or is the result of a fire	No			
Did this release result in any injuries	No			
Has this release reached or does it have a reasonable probability of reaching a watercourse	No			
Has this release endangered or does it have a reasonable probability of endangering public health	No			
Has this release substantially damaged or will it substantially damage property or the environment	No			
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No			

### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Cause: Other   Pipeline (Any)   Natural Gas Vented   Released: 15,963 MCF   Recovered: 0 MCF   Lost: 15,963 MCF.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	This event does not meet the requirements of Part 27 or Part 28 NMAC.	

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 2

Action 413608

QUESTIONS (continued)			
Operator:	OGRID:		
Targa Northern Delaware, LLC.	331548		
110 W. 7th Street, Suite 2300	Action Number:		
Tulsa, OK 74119	413608		
	Action Type:		
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)		

QUESTIONS

Nature and Volume of Release (continued)		
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.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (3) an unauthorized release of gases exceeding 500 MCF.	
With the implementation of the 10 15 27 NMAC (05/25/2021) venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C 120 form		

Initial Response			
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.			
The source of the release has been stopped	True		
The impacted area has been secured to protect human health and the environment	True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True		
All free liquids and recoverable materials have been removed and managed appropriately	True		
If all the actions described above have not been undertaken, explain why	Not answered.		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 12/18/2024		

General Information Phone: (505) 629-6116

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 413608

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QUESTIONS	(continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	413608
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

#### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

### Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligr	ams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff which includes the anticipated timelines for beginning and completing the remediation.	orts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	01/20/2024
On what date will (or did) the final sampling or liner inspection occur	01/20/2024
On what date will (or was) the remediation complete(d)	01/20/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the tin	ne of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTI	ONS (continued)
Operator: Targa Northern Delaware, LLC. 110 W. 7th Street, Suite 2300	OGRID: 331548
Tulsa, OK 74119	Action Number: 413608
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)
QUESTIONS	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	This was an above ground residue gas only purge event with no liquids released. As there was no soil impact, Targa is respectfully requesting a variance to remediation requirements.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 12/18/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

QUESTIONS, Page 4

Action 413608

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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QUESTIONS, Page 5

Action 413608

QUESTIONS (continued)		
Operator: Targa Northern Delaware, LLC.	OGRID: 331548	
110 W. 7th Street, Suite 2300 Tulsa, OK 74119	Action Number: 413608	
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)	
QUESTIONS		

Deferral	Requests	Only

only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	No	

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Tulsa, OK 74119

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 413608

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QUESTION	QUESTIONS (continued)	
	OGRID:	
Targa Northern Delaware, LLC.	331548	
110 W. 7th Street, Suite 2300	Action Number	

413608

[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

Action Type:

QUESTION	١S
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Operator:

Sampling Event Information	
Last sampling notification (C-141N) recorded	391559
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/14/2024
What was the (estimated) number of samples that were to be gathered	0
What was the sampling surface area in square feet	0

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	mediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	This was an above ground residue gas only purge event with no liquids released. As there was no impact to the soil, Targa is respectfully requesting a variance to remediation and sampling requirements.
	losure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents o
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal state or

to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 12/18/2024
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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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Action 413608

QUESTIONS (contir	nued)

Operator:	UGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	413608
	Action Type:
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)

### QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	0	
What was the total volume of replacement material (in cubic yards) for this site	0	
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 ver must include a top layer, which is either the background thickness of topsoil or one foot of suitable material	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	01/01/2050	
Summarize any additional reclamation activities not included by answers (above)	This event occurred in an active facility constructed on a caliche pad. Targa has no known plans to deconstruct the facility. As such, Targa is respectfully requesting a variance to reclamation activities due to current use and infeasibility.	
	eclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.		
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 12/18/2024	

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 8

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Action 413608

QUESTIONS (continued)		
Operator:	OGRID:	
Targa Northern Delaware, LLC.	331548	
110 W. 7th Street, Suite 2300	Action Number:	
Tulsa, OK 74119	413608	
	Action Type:	
	[C-141] Revegetation Report C-141 (C-141-v-Revegetation)	

### QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation oblig	gations have been satisfied.
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	0
Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbe	d area in the first favorable growing season following closure of the site.
On what date did the reseeding commence	12/18/2024
On what date was the vegetative cover inspected	12/18/2024
What was the life form ratio compared to pre-disturbance levels	60
What was the total percent plant cover compared to pre-disturbance levels	80
	This was an above ground residue gas only purge event with no liquids released. It occurred in an active facility constructed on a caliche pad. As such, Targa is respectfully requesting a variance to revegetation requirements due to current use and infeasibility. e-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com Date: 12/18/2024 jouids. the responsible party must notify the division when reclamation and re-vegetation are complete.

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CONDITIONS

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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CONDITIONS

Action 413608

CONDITIONS		
Operator:	OGRID:	
Targa Northern Delaware, LLC.	331548	
110 W. 7th Street, Suite 2300	Action Number:	
Tulsa, OK 74119	413608	
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)	

Created By	Condition	Condition Date
amaxwell	The revegetation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	12/19/2024