



January 20, 2024

New Mexico Energy, Minerals and Natural Resource Department
 Oil Conservation Division, District 1
 1625 French Drive
 Hobbs, NM 88240

Incident ID	nAPP2109843401
District RP	0
Facility ID	0
Application ID	0

Re: Liner Inspection and Closure Report
Site Name: Chorizo 12 State Com CTB
GPS: Latitude: 32.431125 Longitude: -103.42602
Legals: UL "K", Sec.36, T21S, 34E
Lea County, New Mexico
NMOCD Ref. No. nAPP2109843401

Permian Resources (PR) has prepared this liner inspection and closure report for the Release Site known as the Chorizo 12 State Com CTB. Details of the release are summarized on the table below:"

Nature and Volume of Release	
Date Release Discovered	4/1/2021
Source of Release	Oil Tank
Type of Release	Oil
Volume Released	40 BBL
Volume Recovered	40 BBL
Cause of Release	
There was a system malfunction with the lact unit and overfilled the oil tanks. 40 bbls of oil was released into a lined containment. A vacuum truck was called to the site and reported 40 bbls recovered.	
Affected Area	
Was this a major release?	If YES, for what reasons (s) is this considered a major release?
Yes	More than 25 BBLS
If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means?	
Yes, The NOR application on the OCD-E permitting website was filled out 4/8/21	

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #8

Incident ID	nAPP2109843401
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Site Assessment/Characterization	
What is the shallowest depth to groundwater beneath the area affected by the release?	<50 ft.
Did this release impact groundwater or surface water?	No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	No
Are the lateral extents of the release within 300 feet of a wetland?	No
Are the lateral extents of the release overlying a subsurface mine?	No
Are the lateral extents of the release overlying an unstable area such as karst geology?	No
Are the lateral extents of the release within a 100-year floodplain?	No
Did the release impact areas not on an exploration, development, production or storage site?	No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey was conducted in an effort to determine the average depth to groundwater within a 1 Mile radius of the Site and identify any registered water wells within a 1/2 Mile radius of the Site. If none were identified, or the results were inconclusive, the approximate depth to groundwater was extrapolated from available data including the average of the nearest USGS wells and/or a Depth to Groundwater Map utilized by the NMOCD.

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release	
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	50 mg/kg
Total Petroleum Hydrocarbons	100 mg/kg
Combined GRO and DRO	1000 mg/kg
Chloride	600 mg/kg

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #5. A liner inspection report is provided as Attachment #6.

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Initial Site Assessment

On **April 1, 2021** The release was discovered by the lease operator. A vacuum truck was mobilized to the site to remove fluid from inside of containment.

On **January 15, 2024**, Permian Resources arrived at the site and determined an liner inspection must be conducted as per 19.15.29.11(A)(5) NMAC. Notice of liner inspection was given on this date.

On **January 19, 2024**, Permian Resources conducted a liner integrity inspection. Upon inspection, Permian Resources found the liner to be intact and had the ability to contain the release in question.

Remediation Activities Summary

Permian Resources conducted a liner inspection per the requirements of 19.15.29.11(5)(a) NMAC. NMOCD was notified on January 15, 2024 that a liner inspection would be conducted on January 19, 2024. After a thorough inspection of the liner within the tank battery containment, the liner appeared to be intact and had the ability to contain the release in question. The location from which the release occurred was identified, and Permian Resources verified that the release did not occur outside of the lined containment.

Closure Request

Based on field activities to date and conditions of the site, Permian Resources requests closure to be granted to the site known as the Chorizo 12 State Com CTB (nAPP2109843401).

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Application ID	0

If you have any questions, or need any additional information, please feel free to contact Montgomery Floyd or the undersigned by phone or email.

Respectfully,

Matthew Taylor
Environmental Representative
Permian Resources
575-408-3638

Montgomery Floyd
Environmental Manager
Permian Resources
432-425-8321

Attachments:

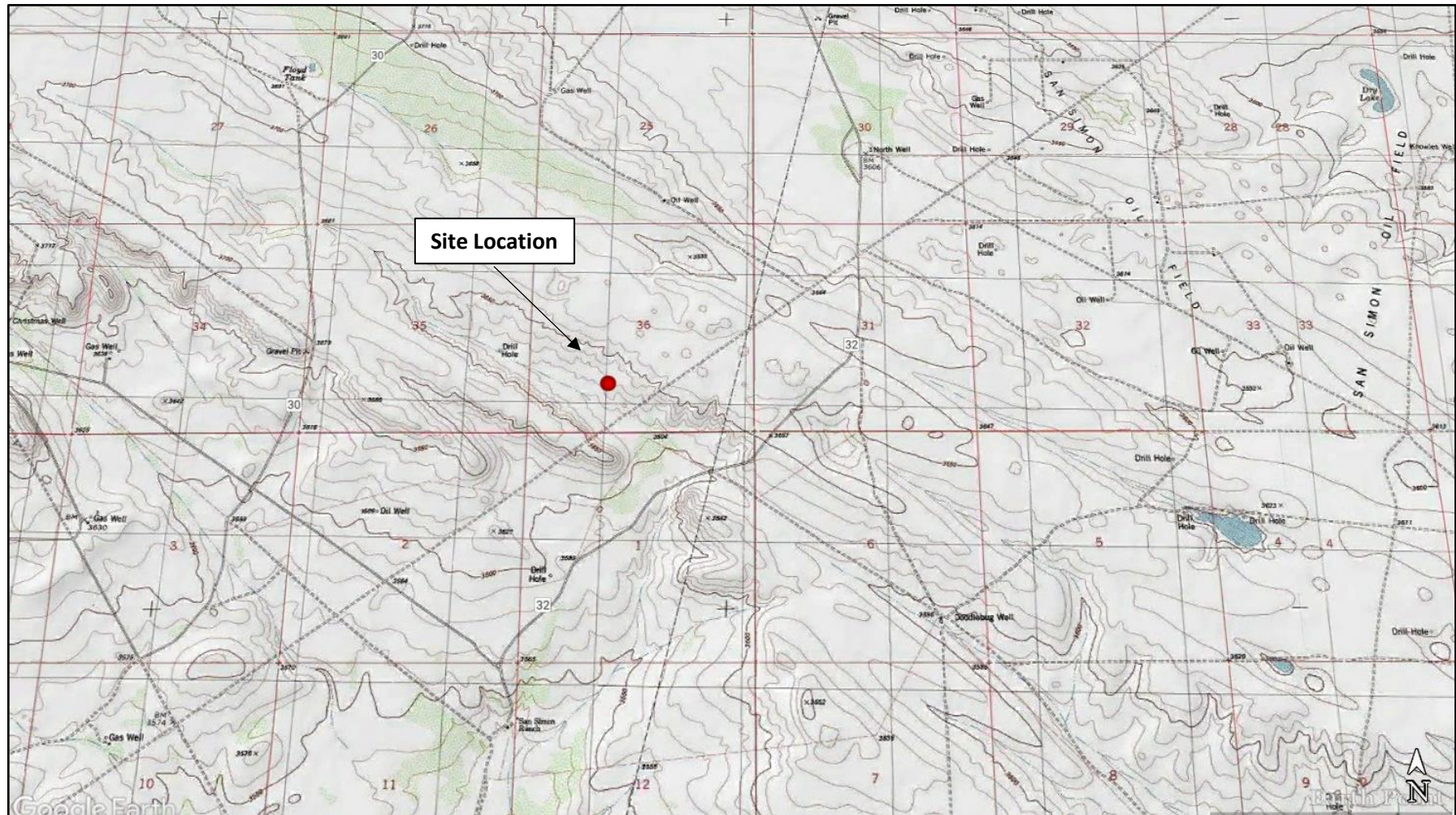
Attachment #1-	Figure 1 - Topographic Map
Attachment #2-	Figure 2 - Aerial Map
Attachment #3-	Figure 3 - Site Map
Attachment #4-	Depth to Groundwater Information
Attachment #5	Photographic Log
Attachment #6-	Liner Inspection
Attachment #7-	NMOCD Correspondence
Attachment #8-	Release Notification (NMOCD C-141)

LIMITATIONS

This document has been prepared by Permian Resources. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of Permian Resources is prohibited."

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. Permian Resources notes that the facts and conditions referenced in this document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

Permian Resources has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or

**LEGEND:**

● Site Location

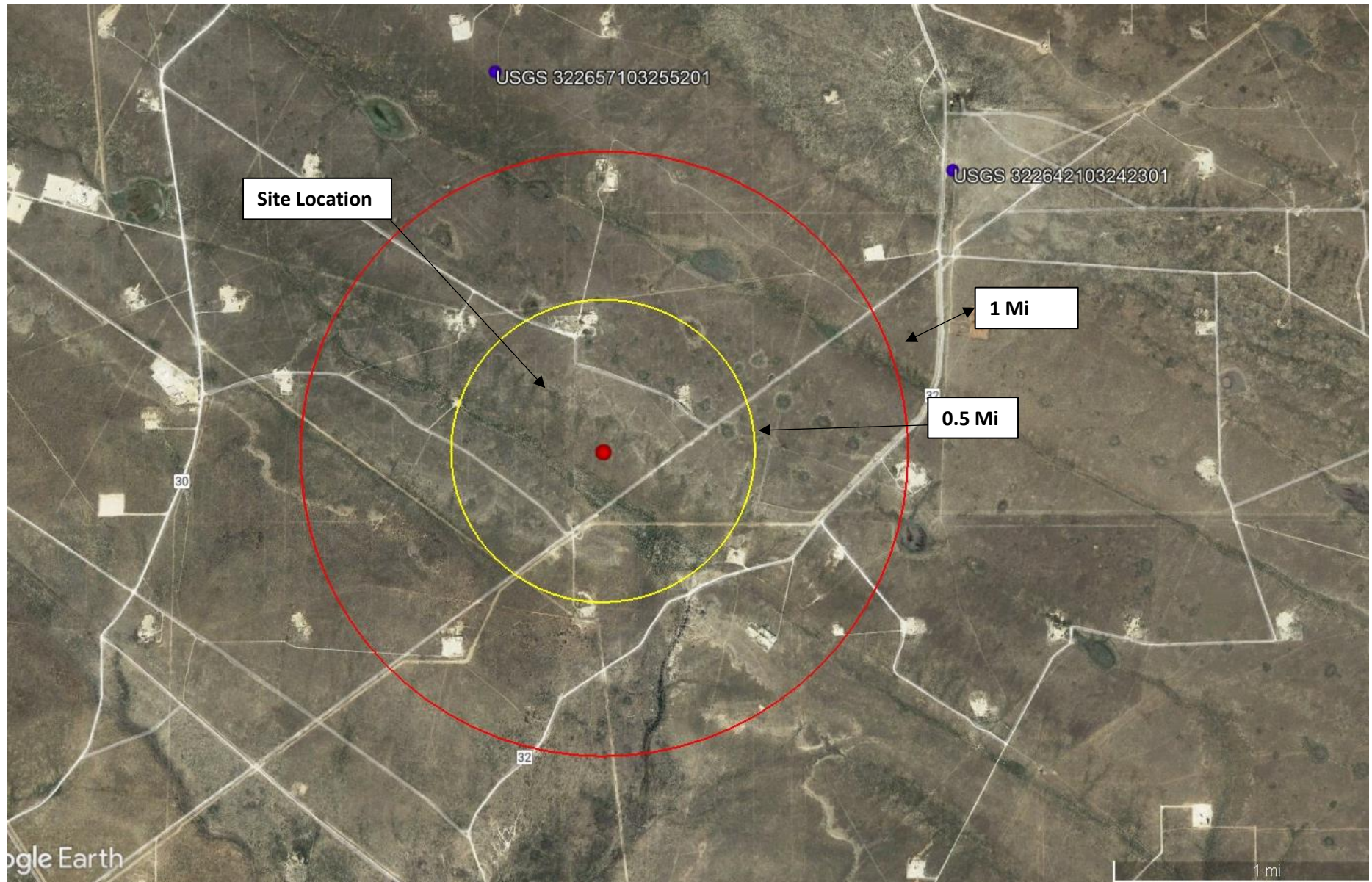
Figure 1

Topographic Map
Permian Resources
Chorizo 12 State Com CTB
GPS: 32.43125, -103.42602
Lea County, New Mexico

PERMIAN
RESOURCES

Drafted by: MT

Date:



LEGEND:

- Site Location
- Fresh Water Well
- 100-Year Floodplain
- High/Critical Karst



- Non-Industrial Building
- Subsurface Mine

Figure 2

Aerial Map

Permian Resources

Chorizo 12 State Com CTB

GPS: 32.43125, -103.42602

Lea County, New Mexico

PERMIAN
RESOURCES

Drafted by: MST

Date:

**LEGEND:** Affected Area**Figure 3**

Site & Sample Location Map
Permian Resources
Chorizo 12 State Com CTB
GPS: 32.43125, -103.42602
Lea County, New Mexico

PERMIAN
RESOURCES

Drafted by: MST

12/28/23, 1:19 PM

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New Mexico Office of the State Engineer Point of Diversion Summary

(quarters are 1=↖NW 2=↗NE 3=↘SW 4=↙SE)									
(quarters are smallest to largest)									
(NAD83 UTM in meters)									
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	CP 01718 POD1	2	3	3	24	22S	34E	647700	3582811
Driller License: 421		Driller Company:		GLENN'S WATER WELL SERVICE					
Driller Name: CORKY GLENN									
Drill Start Date: 05/09/2019		Drill Finish Date:		05/13/2019		Plug Date:			
Log File Date: 06/10/2019		PCW Rcv Date:				Source:		Artesian	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		120 GPM	
Casing Size: 8.13		Depth Well:		1172 feet		Depth Water:		855 feet	
Water Bearing Stratifications:				Top	Bottom	Description			
				800	855	Sandstone/Gravel/Conglomerate			
				855	918	Sandstone/Gravel/Conglomerate			
				950	1139	Sandstone/Gravel/Conglomerate			
Casing Perforations:				Top	Bottom				
				752	1172				
Meter Number:		20164		Meter Make:		SEAMETRICS			
Meter Serial Number:		03212352		Meter Multiplier:		1.0000			
Number of Dials:		8		Meter Type:		Diversion			
Unit of Measure:		Barrels 42 gal.		Return Flow Percent:					
Usage Multiplier:				Reading Frequency:		Monthly			

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
09/02/2019	2019	15042	A	ad		0
04/09/2020	2020	15042	A	ad		0
05/31/2020	2020	15042	A	ad		0
06/30/2020	2020	15042	A	ad		0
07/31/2020	2020	15042	A	ad		0
08/31/2020	2020	15042	A	ad		0
09/30/2020	2020	15042	A	ad		0
10/31/2020	2020	15042	A	ad		0
11/30/2020	2020	15042	A	ad		0
12/31/2020	2020	15042	A	ad		0
01/31/2021	2021	15042	A	ad		0
02/28/2021	2021	20251	A	ad		0.671
03/31/2021	2021	20251	A	ad		0
04/30/2021	2021	20536	A	ad		0.037
05/13/2021	2021	0	A	ad		0
05/31/2021	2021	0	A	ad		0
06/30/2021	2021	18656	A	ad		2.405
07/31/2021	2021	19655	A	ad		0.129

nmwrrs.ose.state.nm.us/ReportDispatcher?type=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=CP&nbr=01718&suffix=POD1

1/2

12/26/23, 1:19 PM nmwrrs.ose.state.nm.us/ReportDispatcher?type=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=CP&nbr=01718&...

08/31/2021	2021	53526	A	ad	4.366
09/30/2021	2021	85398	A	ad	4.108
10/31/2021	2021	109132	A	ad	3.059
11/30/2021	2021	129634	A	ad	2.643
12/26/2021	2021	150430	A	ad	2.680
01/31/2022	2022	180793	A	ad	3.914
02/28/2022	2022	180794	A	ad	0
03/31/2022	2022	196267	A	ad	1.994
04/30/2022	2022	240915	A	ad	5.755
06/01/2022	2022	255789	A	ad	1.917
07/01/2022	2022	288319	A	ad	4.193
08/01/2022	2022	324972	A	ad	4.724
11/01/2022	2022	351870	A	WEB	3.467 X
12/01/2022	2022	374916	A	WEB	2.970 X
01/01/2023	2022	380172	A	WEB	0.677 X
02/01/2023	2023	380174	A	WEB	0 X
03/01/2023	2023	416655	A	WEB	4.702 X
04/01/2023	2023	445946	A	WEB	3.775 X
05/01/2023	2023	445947	A	WEB	0 X
06/01/2023	2023	478762	A	WEB	4.230 X
07/01/2023	2023	516581	A	WEB	4.875 X
08/01/2023	2023	520424	A	WEB	0.495 X
09/01/2023	2023	520424	A	WEB	0 X
10/01/2023	2023	520424	A	WEB	0 X
11/01/2023	2023	539925	A	WEB	2.514 X
12/01/2023	2023	574932	A	WEB	4.512 X

**YTD Meter Amounts:	Year	Amount
	2019	0
	2020	0
	2021	20.098
	2022	29.611
	2023	25.103

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.

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POINT OF DIVERSION SUMMARY

nmwrrs.ose.state.nm.us/ReportDispatcher?type=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=CP&nbr=01718&suffix=POD1

2/2

1/18/24, 9:16 AM

USGS Groundwater for USA: Water Levels -- 1 sites



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

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- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 322642103242301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322642103242301 21S.35E.30.41132

Available data for this site Groundwater: Field measurements

GO

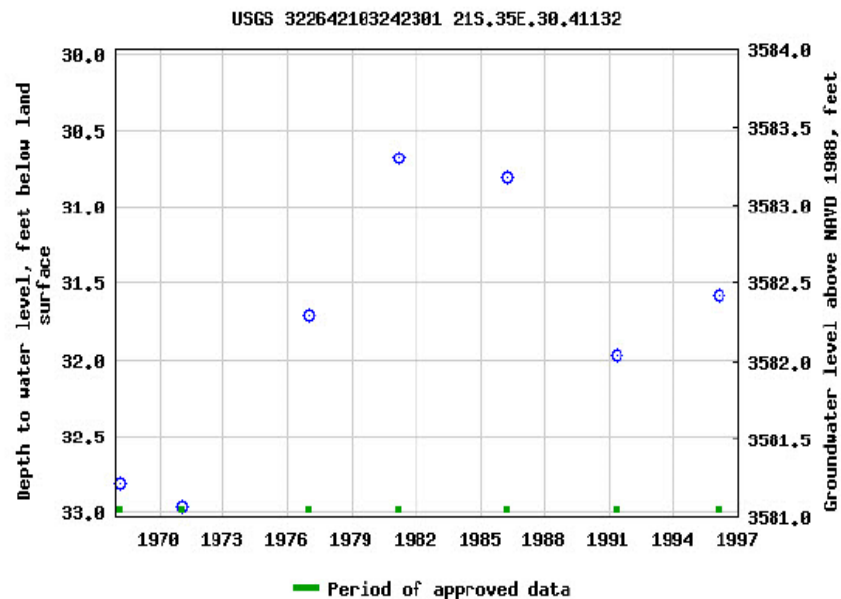
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°26'42", Longitude 103°24'23" NAD27
Land-surface elevation 3,614 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

1/18/24, 9:16 AM

USGS Groundwater for USA: Water Levels -- 1 sites



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=322642103242301)

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-01-18 11:16:23 EST

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1/18/24, 9:30 AM

USGS Groundwater for USA: Water Levels -- 1 sites



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Contact USGS
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

▼

Geographic Area:

United States

▼

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
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Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 322657103255201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322657103255201 21S.34E.25.13141

Available data for this site

Groundwater: Field measurements

▼

GO

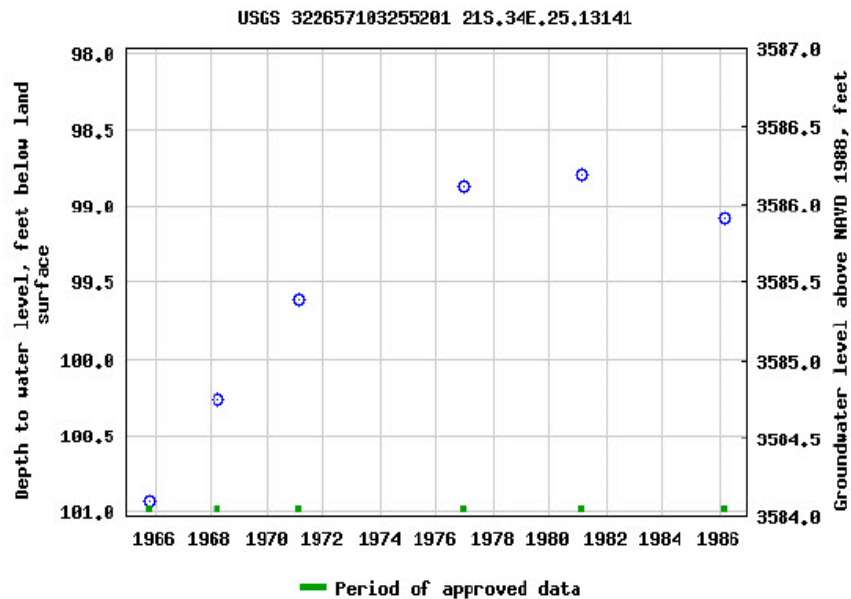
Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°26'57", Longitude 103°25'52" NAD27
Land-surface elevation 3,685 feet above NAVD88
The depth of the well is 196 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

1/18/24, 9:30 AM

USGS Groundwater for USA: Water Levels -- 1 sites



Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nwis/gwlevels?site_no=322657103255201)

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-01-18 11:30:38 EST

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Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Liner Inspection Report

Site Name: Chorizo 12 State Com CTB
Site Location: Lea County, NM

Inspection Date 1/19/2024
GPS: 32.43125, -103.42602

Inspection Parameters as Outlined in 19.15.29.11(5) NMAC

Prior to Inspection

Two(2) Business day notification of inspection to appropriate division office
Date of Notice: 1/15/2024

Material covering liner removed	Yes
Release was contained to lined containmen	Yes

Inspection

Liner thoroughly inspected	Yes
All damaged areas observed in white paint on liner	Yes
Liner integrity was maintained	Yes
Release was contained to lined containment area	Yes
Liner was able to contain the release	Yes

If YES:

Certify on C-141 Form that liner remains intact

If NO:

Responsible Party must delineate the horizontal and vertical extent of release.

See table 1 19.15.29.12 NMAC

See subparagraph (E) Paragraph (5) of subsection 19.15.29.11 NMAC

Additional Comments:

Inspector Signiture
Matthew Taylor

Date: 1/19/2024

Matthew Taylor

From: OCDOnline@state.nm.us
Sent: Monday, January 15, 2024 4:37 PM
To: Montgomery Floyd
Subject: -EXTERNAL- The Oil Conservation Division (OCD) has accepted the application, Application ID: 303730

WARNING: The sender of this email could not be validated and may not match the person in the "From" field.

To whom it may concern (c/o Montgomery Floyd for Permian Resources Operating, LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2109843401.

The liner inspection is expected to take place:

When: 01/19/2024 @ 10:00

Where: K-36-21S-34E 0 FNL 0 FEL (32.43125,-103.42602)

Additional Information: Matthew Taylor 575-408-3638

Additional Instructions: 32.431332, -103.426312

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

CAUTION: This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2109843401
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2109843401
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.43125 Longitude -103.42602
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Chorizo 12 SC CTB	Site Type: Production Facility
Date Release Discovered: 4/1/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
K	36	21S	34E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)40	Volume Recovered (bbls)40
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

There was a systems malfunction with the lact unit and overfilled the oil tanks. 40bbls of oil were released inside the lined containment. A vacuum truck was called to the site and a reported 40bbls were recovered from the containment.

Form C-141

Page 2

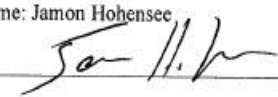
State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25bbls volume released.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? The NOR application on the OCD E-permitting website was filled out on 4/8/21	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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.
Printed Name: Jamon Hohensee Title: Sr. Environmental Analyst Signature:  Date: 6-2-21 email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283
<u>OCD Only</u> Received by: _____ Date: _____

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization*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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: MONTGOMERY FLOYD Title: ENV
Signature: [Signature] Date: 1-30-24
email: montgomery.floyd@permianres.com Telephone: 432 425 8321

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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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

Action 312282

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 312282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2109843401
Incident Name	NAPP2109843401 CHORIZO 12 STATE COM CTB 501 502 503 602 603Y @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CHORIZO 12 STATE COM CTB 501 502 503 602 603Y
Date Release Discovered	04/01/2021
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
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	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 40 BBL Recovered: 40 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
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)	Release was within lined containment.

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QUESTIONS, Page 2

Action 312282

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 312282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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
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.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation 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: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/07/2024
--	--

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QUESTIONS, Page 3

Action 312282

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:
	372165
	Action Number:
	312282
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

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 26 and 50 (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 and 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)	Between ½ and 1 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1 and 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 associated 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	Yes
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/19/2024
On what date will (or did) the final sampling or liner inspection occur	01/19/2024
On what date will (or was) the remediation complete(d)	01/19/2024
What is the estimated surface area (in square feet) that will be remediated	8100
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 time 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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QUESTIONS, Page 4

Action 312282

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 312282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/07/2024
<i>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.</i>	

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QUESTIONS, Page 6

Action 312282

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID:	372165
	Action Number:	312282
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	303730
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/19/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	10000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation 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	Yes
What was the total surface area (in square feet) remediated	8100
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Containment cleanout

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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I hereby agree and sign off to the above statement	Name: Montgomery Floyd Title: Environmental Manager Email: montgomery.floyd@permianres.com Date: 02/07/2024
--	--

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CONDITIONS

Action 312282

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 312282
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	App ID 312282 Liner Inspection approved.	4/2/2024