Received by OCD: 11/1/2022 1:32:19 PM Form C-141 State of New Mexico

Oil Conservation Division

	Page 1 of 2.
Incident ID	NGRL0822027262
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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 📈 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🔽 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🗹 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 📈 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🔽 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
- $\overline{\nabla}$  Data table of soil contaminant concentration data
- $\checkmark$  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
- **Z** 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.

Received by OCD: 11/1/2022 1:32:19 PM Form C-141 State of New Mexi			Page 2 of 2			
			Incident ID	NGRL0822027262		
Page 4	Oil Conservation Division	1	District RP			
			Facility ID			
			Application ID			
regulations all operators as public health or the enviro failed to adequately invest		otifications and perform c e OCD does not relieve the hreat to groundwater, surfa	orrective actions for relu- e operator of liability shace water, human health liance with any other fe ntal Coordinator	eases which may endanger would their operations have a or the environment. In		
OCD Only Received by: Jocely	n Harimon	Date:11/(	)1/2022			

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Oil Conservation Division

	Page 3 of 2	23
Incident ID	NGRL0822027262	
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 ODC 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. \_\_\_\_\_\_ <sub>Title:</sub> Environmental Coordinator Printed Name: Wade Dittrich Signature: Wale Attach Date: 11/01/2022 <sub>email:</sub> <u>Wade\_Dittrich@oxy.com</u> Telephone: 575-390-2828 **OCD Only** Jocelyn Harimon Received by: Date: 11/01/2022 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: <u>Ashley Maxwell</u> Date: 02/21/2023 Printed Name: Ashley Maxwell Title: Environmental Specialist

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Received	by	<b>OCD</b> :	11/1/2	022 1	:32:1	9 PM
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, 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

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

**Page 4 of 23** 

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

	Santa Fe, NM 8/505											
			Rele	ease Notifi	catio	n and Co	orrective A	ctior			_	
						<b>OPERA</b>	TOR	(	🛛 Initi	al Report	$) \square$	Final Rep
				Contact Kelton Beaird								
				No. (O) 505-887		C) 505-	390-1903					
Facility Name Antelope Ridge Unit Facility # 3 1					Facility Type Tank Battery							
Surface Ow	mer BLM			Mineral (	Owner	N/A			Lease 1			
• •				LOC	<b>ATIO</b>	N OF RE	LEASE		AP	1 30	025	21082
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/	West Line	County		
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			La	titude		Longitud	le			F	250	
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Type of Rele			_				Release 20bbls			Recovered		
Source of Re	lease Fill l	ine on top of t	ank			Date and F 6-10-2008	Iour of Occurrenc	e	Date and 6-10-08 4	Hour of D	Discovery	,
Was Immedi	ate Notice (		Yes 🗌	No 🗌 Not Re	equired	If YES, To			0-10-00 -	+.00 più		
By Whom?	Kent Good	gion Oxy				Date and H	lour See above					
Was a Water		ched?	Yes 🗵	1 No			olume Impacting t	the Wat	ercourse.			
				110								
.Proposed cle	anup inclu	and Cleanup A des removing clean material	all soil tha	t is discolored, d	isposed	of properly at	an approved disp	osal, lin	e inside th	e berms w	ith a 20m	il liner, and
regulations a public health should their o or the environ	Il operators or the envir operations h nment. In a	are required to ronment. The have failed to a	o report ar acceptanc idequately ICD accep	nd/or file certain i the of a C-141 report investigate and i	release 1 ort by th remedia	notifications and ne NMOCD m te contaminati	knowledge and u nd perform correc arked as "Final R on that pose a thre e the operator of a OIL CONS	tive act eport" c eat to gr respons	ions for rel loes not rel round wate ibility for c	eases which ieve the op r, surface compliance	ch may en perator of water, hu with any	ndanger f liability man health
Signatura										<u>DIVIS</u>		
Signature: Printed Name	e: Kelton B	eaird				Approved by	District SERVIS	RONN	1		ER	
Title: HES S						Approval Dat	~ 0 .	_	Expiration			08
E-mail Addre	ess: kelton	beaird@oxy.c	om			Conditions of				Attache		
Date: Phone:	505-390-1	903				SUBMI	rfinal ( L Docume 19.08	2.14	(	IRP	A 19	90
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# Trinity Oilfield Services & Rentals, LLC



November 1<sup>st</sup>, 2022

Oil Conservation Division, District I 1625 N. French Drive, Hobbs, NM 88240

#### Re: Closure Request Antelope Ridge Unit #003 Tracking #: NGRL0822027262

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following Closure Request in response to a release that occurred at the above referenced location, and further described below.

Site Information				
Incident ID	NGRL0822027262			
Site Name	Antelope Ridge Unit #003			
Company	OXY USA, Inc.			
County	Lea			
ULSTR	K-34-23S-34E			
GPS Coordinates (NAD 83)	32.25791, -103.46393			
Landowner	Private			

### HISTORICAL RELEASE BACKGROUND

On 6/10/2008, OXY USA, Inc. reported a release at the Antelope Ridge Unit #003. The release was caused because there was a hole in the 2" nipple on top of the tank, on the fill line.

Release Information			
Date of Release	6/10/2008		
Type of Release	Crude Oil		
Source of Release	Equipment Failure		
Volume Released – Produced Water	0 bbls		
Volume Recovered – Produced Water	0 bbls		
Volume Released – Crude Oil	20 bbls		
Volume Recovered – Crude Oil	15 bbls		
Affected Area	Lined and Contained Facility		
Site Location Map	Figure 1		

### SITE CHARACTERIZATION AND CLOSURE CRITERIA

#### Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	321445103282301	01/16/2013	440'
Soil Bore	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a 1/2 mile of the release site. The search revealed that Zero (0) wells occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction.

#### **General Site Characterization:**

Site Assessment				
Karst Potential	Low			
Distance to Watercourse	> 1,000 ft.			
Within 100 yr Floodplain	No			
Pasture Impact	No			

A risk-based site assessment/characterization was performed in accordance with the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

#### **REMEDIATION ACTIVITES**

Remediation Summary				
Remediation Dates   08/29/2022 - 09/19/2022				
Liner Inspection Notification	Email to OCD on 08/25/2022			

This release was contained within a lined and contained facility, the liner was cleaned with a pressure washer. Upon inspection the liner is found to be in satisfactory condition.

#### **REQUEST FOR CLOSURE**

Supporting Documentation				
C-141, page 6 Signed and Attached				
Liner Inspection Form	Signed and Attached			
Remediation Map Attached				
Depth to Groundwater Maps and Source	Attached			
US NWI Map	Attached			
FEMA Flood Hazard Map	Attached			
USDA Soil Survey	Attached			
Site Photography	Attached			

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg Project Manager



## Liner Inspection Notice - 1RP-1900

Dan Dunkelberg <dan@trinityoilfieldservices.com> To: OCD.Enviro@state.nm.us Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Paul Pinon <paul@trinityoilfieldservices.com> Bcc: Cynthia Jordan <cynthia@trinityoilfieldservices.com>

This is a notification of the liner inspection at the ANTELOPE RIDGE UNIT #003 on 08/29/2022 at 8 am.

Dan Dunkelberg Environmental Professional



Trinity Oilfield Services & Rentals, LLC Cell: (575) 602-2403

## **Liner Inspection Form**

Date: August 29, 2022 Time: 08:00 am Weather Conditions: Sunny. Temp. at time of inspection: 86°F Operator: OXY USA, Inc. Facility Name: Antelope Ridge Unit #003

### **Reason for Inspection:**

Page 8 of 23

Release contained within a lined and contained facility, the liner was cleaned with a pressure washer. Upon inspection the liner is found to be in satisfactory condition.

**Observations**: (include condition of containment berm, liner, and apparent condition of equipment within the containment area. Are there fluids within the containment? If yes, the estimated quantity of fluids and type of fluids. Also make note of any debris that needs to be removed from the containment)

At the time of inspection, it was noted that the liner material used at the Antelope Ridge Unit #003 containment is typical 20-mil reinforced liner, typical of the material used in oilfield containment structures. The overall condition of the liner was good, and no defects or holes were observed. No significant debris was observed in the containment area.

Repairs Required: No repairs to the liner are required.

Signature of Inspector: Warle Atta Day

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Site Location Map OXY USA, Inc. Antelope Ridge Unit #003 32.25791, -103.46393 Lea County, New Mexico NMOCD Reference # NGRL0822027262



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Web Generated Map Map is generated by web users.









USGS Home Contact USGS Search USGS

## **National Water Information System: Web Interface**

USGS Water Resources	Data Category:	Geographic Area:		
obdo mater Resources	Groundwater 🗸	United States	~	GO

## Click to hideNews Bulletins

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the <u>Water Data For The Nation Blog</u> for full details, including how to navigate back to the legacy Current Condition page, if desired.
- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

## Search Results -- 1 sites found

site\_no list =

• 321445103282301

## **Minimum number of levels =** 1

Save file of selected sites to local disk for future upload

## USGS 321445103282301 24S.34E.04.21431

Available data for this site Groundwater: Field measurements V GO

Lea County, New Mexico Hydrologic Unit Code 13070007 Latitude 32°15'03.8", Longitude 103°28'18.7" NAD83 Land-surface elevation 3,550.00 feet above NGVD29 The depth of the well is 630 feet below land surface. This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer. **Output formats** 

Table of data

Tab-separated data

Graph of data

Reselect period



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-11-01 13:23:23 EDT 0.6 0.51 nadww01





## **Liner Inspection**

Pad:







## Backfill





Received by OCD: 11/1/2022 1:32:19 PM

### Page 16 of 23

# NGRL0822027262 | ANTELOPE RIDGE UNIT #003



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Web Generated Map Map is generated by web users. U.S. Fish and Wildlife Service

# National Wetlands Inventory

## NGRL0822027262 | ANTELOPE RIDGE UNIT #003

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#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
  - **Freshwater Pond**

Lake Other Riverine be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Received by OCD: 11/1/2022 1:32:19,PM National Flood Hazard Layer FIRMette



## Legend

## Page 18 of 23



1,500 Releasea to Imaging: 2/22/2023 PP.94:31 AM

2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

## Page 19 of 23

2 mi

3 km

New Mexico Oil Conservation Division

# NGRL0822027262 | ANTELOPE RIDGE UNIT #003



9/1/2022, 3:47:28 PM

Karst Occurrence Potential

Low

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NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

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0.75

1

1.5

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE,



USDA Natural Resources Conservation Service Released to Imaging: 2/22/2023 11:34:31 AM Web Soil Survey National Cooperative Soil Survey 11/1/2022 Page 1 of 3

#### Soil Map—Lea County, New Mexico (NGRL0822027262 | ANTELOPE RIDGE UNIT #003)



USDA Natural Resources Conservation Service Released to Imaging: 2/22/2023 11:34:31 AM

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SE	Simona fine sandy loam, 0 to 3 percent slopes	16.2	100.0%
Totals for Area of Interest		16.2	100.0%



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	155330	
	Action Type:	
	[C-141] Release Corrective Action (C-141)	

#### CONDITIONS

Created By		Condition Date
amaxwell	None	2/22/2023

CONDITIONS

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Action 155330