nAPP2231557230 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 it	ems must be included in the closure report.							
X A scaled site and sampling diagram as described in 19.15.29.11 NMAC								
x Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office							
x Laboratory analyses of final sampling (Note: appropriate ODC	District office must be notified 2 days prior to final sampling)							
Description of remediation activities								
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	C-141 report does not relieve the operator of responsibility for ions. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in							
Signature: Wesley Mathews	Date:1/25/2023							
email:wesley.matthews@dvn.com	Telephone:575-578-6195							
OCD Only								
Received by:Jocelyn Harimon	Date:01/25/2023							
	of liability should their operations have failed to adequately investigate and vater, human health, or the environment nor does not relieve the responsible r regulations.							
Closure Approved by: Robert Hamlet	Date:5/2/2023							
Printed Name: Robert Hamlet								



Pima Environmental Services 5614 N. Lovington Highway Hobbs, NM 88240 575-964-7740

January 10, 2023

NMOCD District 2 811 S. First St Artesia, NM, 88210

RE: Liner Inspection and Closure Report

Coral PWU 28-4 Battery

API No. N/A

GPS: Latitude 32.625480 Longitude -104.074357 UL- P, Section 28, Township 19S, Range 29E NMOCD Reference No. NAPP2231557230

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for a produced water release that happened on the Coral PWU 28-4 Battery (Coral). An initial C-141 was submitted on November 18, 2022, and can be found in Appendix B. This incident was assigned Incident ID NAPP2231557230, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Coral is located approximately fifteen (15) miles southwest of Loco Hills, NM. This spill site is in Unit P, Section 28, Township 19S, Range 29E, Latitude 32.625565 Longitude -103.074747, Eddy County, NM. A Location Map can be found in Figure 1.

Based upon New Mexico Office of the State Engineer well water data, depth to the nearest groundwater in this area is 60 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is greater than 86 feet BGS. See Appendix A for referenced water surveys. The Coral is in a high karst area (Figure 3). A Topographic Map can be found in Figure 2.

Release Information

<u>NAPP2231557230</u>: On November 10, 2022. A transfer pump developed a leak. Approximately 20 barrels (bbls) of produced water was released from the pump. A vacuum truck was dispatched and recovered all 20 bbls of fluid from the lined SPCC containment ring. Once fluids were removed, the liner was visually inspected by Devon field staff for any pinholes or punctures, and none were found. Based on this inspection there is no evidence that the spilled fluids left containment.

A Site Map can be found in Figure 4.

Site Assessment and Liner Inspection

On December 31, 2022, after sending the 48-hour notification via email, Pima Environmental conducted a liner inspection at this location. We concluded that this liner and containment maintained its integrity and was able to retain the fluids. The Liner Inspection Form and Photographic Documentation can be found in Appendix C.

Closure Request

After careful review, Pima requests that this incident, NAPP2231557230 be closed. Devon has complied with the applicable closure requirements.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or Gio@pimaoil.com.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A- Referenced Water Surveys

Appendix B- C-141 Form & 48 Hour Notification

Appendix C- Liner Inspection Form & Photographic Documentation



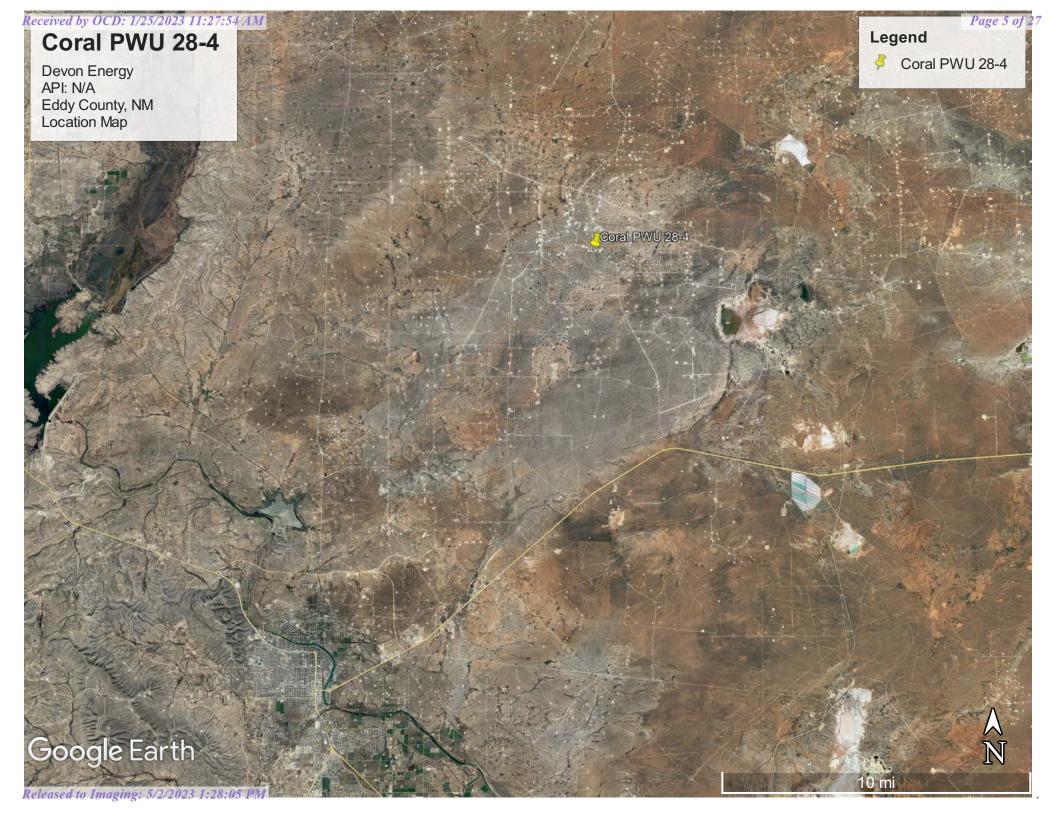
Figures:

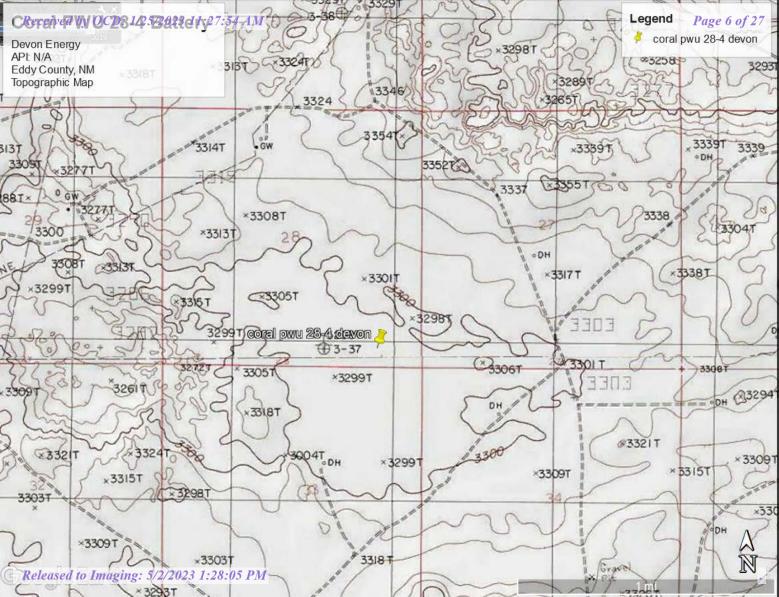
1-Location Map

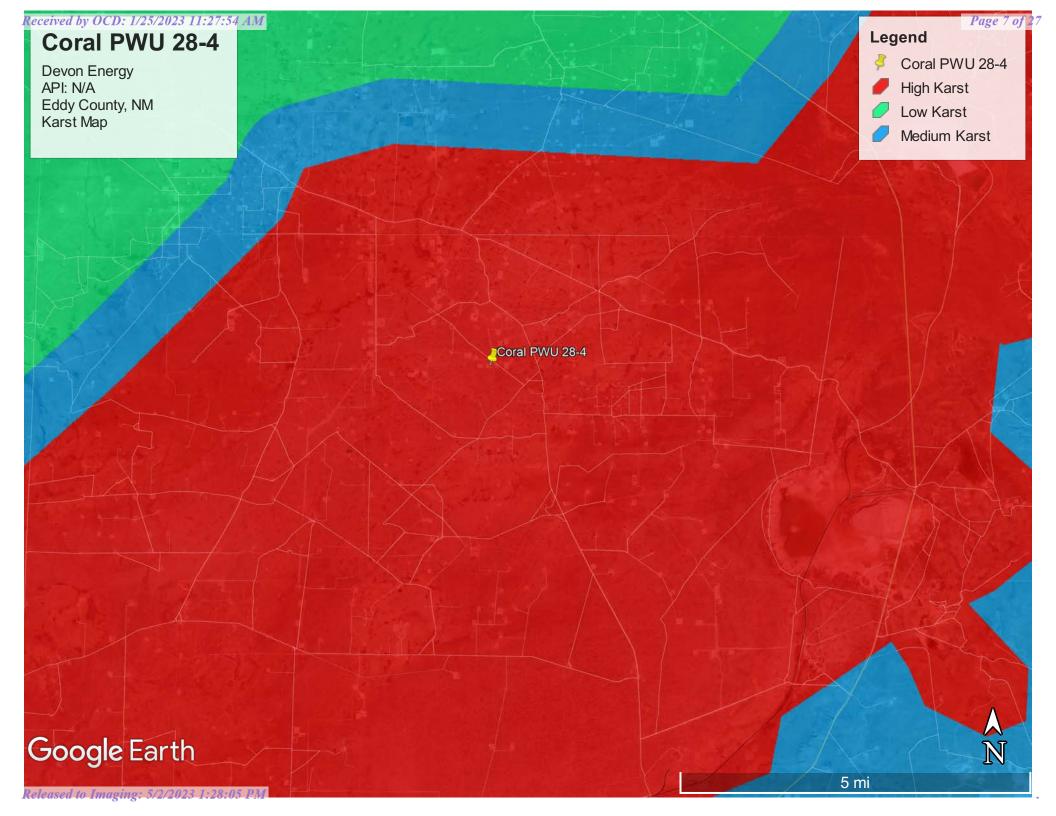
2-Topographic Map

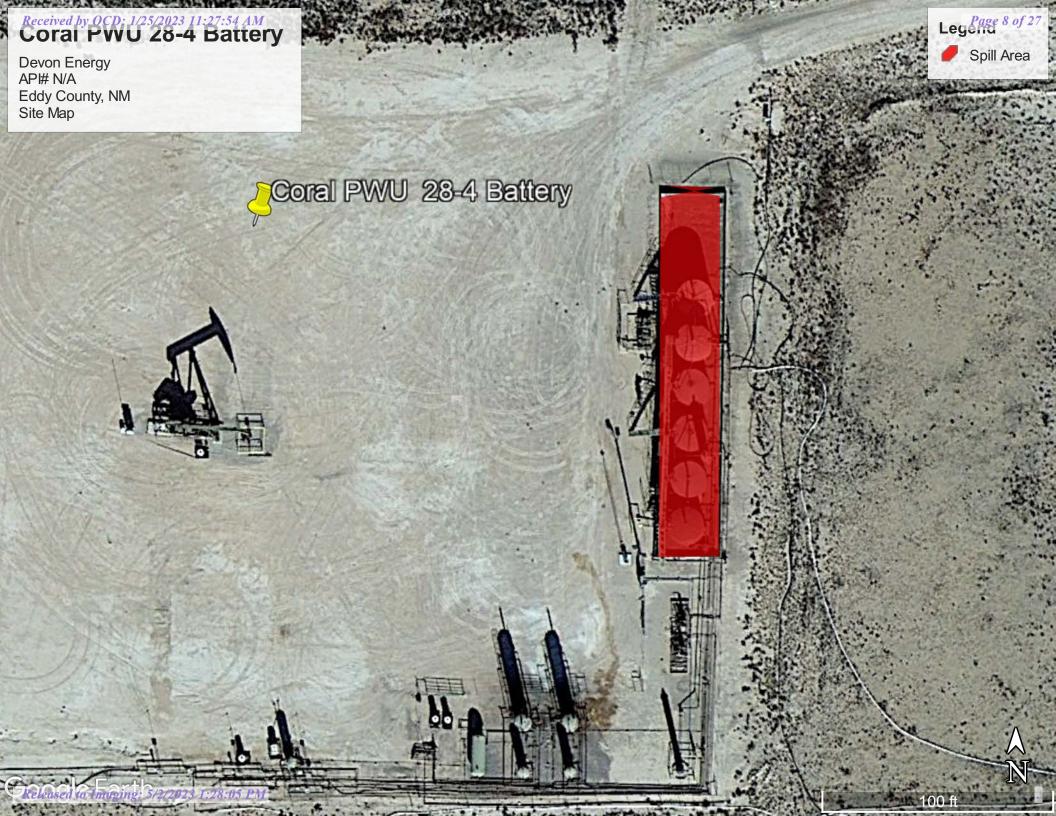
3-Karst Map

4-Site Map











Appendix A

Water Surveys:

OSE

USGS

Wetlands Map

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

	POD Sub-		o	Q ()							W	/ater
POD Number C		County				Tws	Rng	X	Y	DistanceDe	pthWellDep		
<u>CP 00681</u>	CP	ED	1	1 3	34	19S	29E	587230	3609127*	1093			
<u>CP 00741</u>	CP	ED	1	3 2	34	19S	29E	588030	3609533*	1342	230	60	170
CP 00830 POD1	CP	LE		2 1	04	20S	29E	586118	3608193*	2081	120		
<u>CP 00698 POD1</u>	CP	ED		3 1	03	20S	29E	587393	3608010	2207			
<u>CP 00743 POD1</u>	CP	ED		2 4	05	20S	29E	585319	3607382*	3153	160		
<u>CP 00739 POD1</u>	CP	ED	3	4 4	35	19S	29E	590068	3608622	3573	200	110	90
<u>CP 00831 POD1</u>	CP	LE		2 2	10	20S	29E	588548	3606605*	3933	100		
<u>CP 00703 POD1</u>	CP	ED		4 1	36	19S	29E	591050	3609382	4282	225	115	110
<u>CP 01231 POD1</u>	CP	ED	4	4 2	36	19S	28E	582311	3609372	4590	300	75	225
<u>CP 00821 POD1</u>	CP	LE		4 4	25	19S	29E	591743	3610248*	4908	120		

Average Depth to Water:

90 feet

Minimum Depth:

60 feet

Maximum Depth:

115 feet

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 586835.65

Northing (Y): 3610146.46

Radius: 5000

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.

1/5/23 10:40 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

^{*}UTM location was derived from PLSS - see Help



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

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

Click to hideNews Bulletins

• See the Water Data for the Nation Blog for the latest news and updates.

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

• 323645104074001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

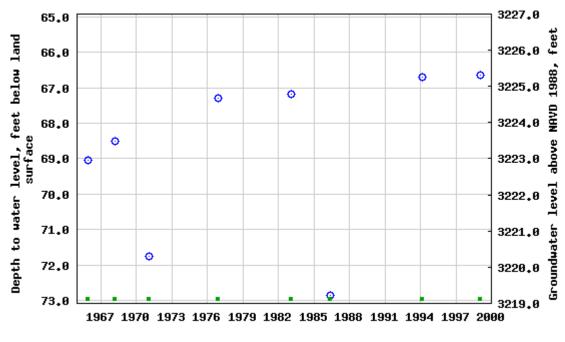
USGS 323645104074001 19S.28E.36.43233

Groundwater:	Field measurements		GO
		·	
0011			
ude 104°0	7'40" NAD27		
92 feet abo	ve NAVD88		
feet below	land surface.		
ie Other aq	uifers (N9999OT	HER)) national aquifer.
ne Rustler F	ormation (312RS	LR)	local aquifer.
	0011 cude 104°0 92 feet abo feet below ne Other aq	0011 cude 104°07'40" NAD27 92 feet above NAVD88 feet below land surface. ne Other aquifers (N9999OTI	0011 cude 104°07'40" NAD27 92 feet above NAVD88

Output formats

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





Period of approved data

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: 2023-01-05 12:37:37 EST

0.62 0.52 nadww02





Wetlands Map



January 5, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

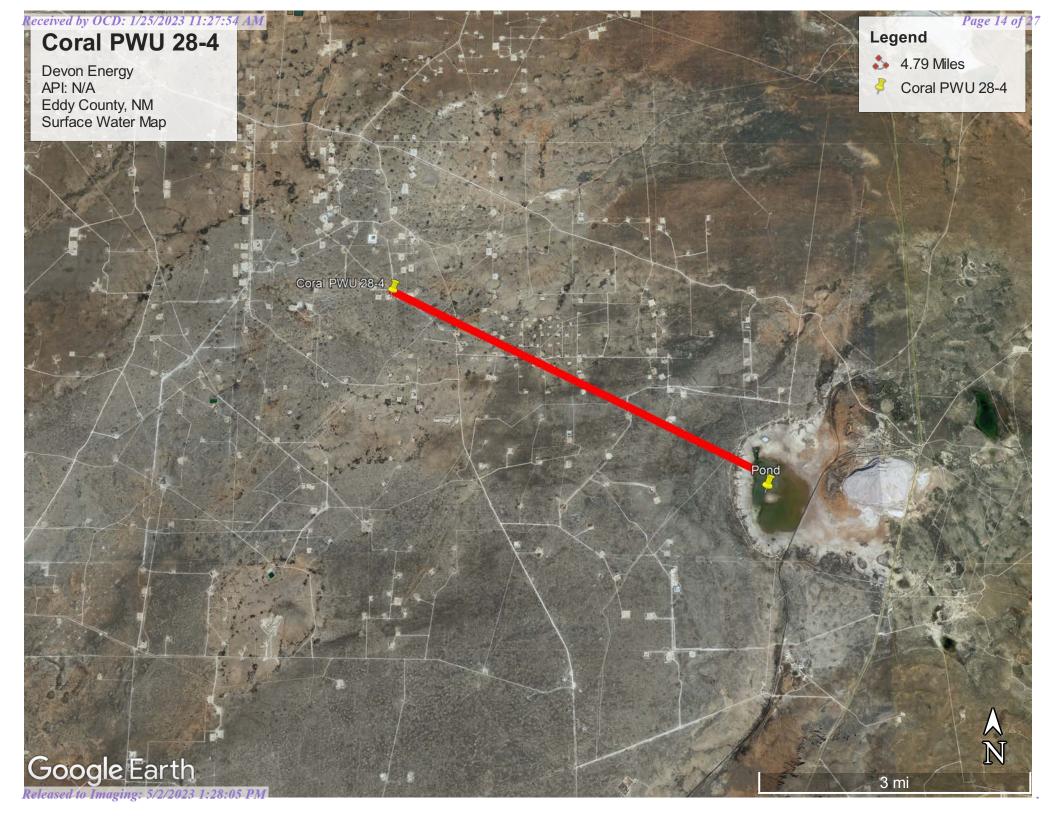
Lak

Lake Other

Freshwater Forested/Shrub Wetland

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.





Appendix B

C-141 Form

48-Hour Notification

Responsible Party Devon Energy Production Company

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	nAPP2231557230
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID 6137

Contact Name Dale Woodall					Contact Telephone		
Contact email Dale.Woodall@dvn.com				Incident #	Incident # (assigned by OCD)		
	Contact mailing address 6488 Seven Rivers Hwy Artesia, NN			ia, NM 88210			
				of Release S			
Latitude 32	.625480	0		Longitude	-104.07	4357	
			(NAD 83 in dec	cimal degrees to 5 decir	nal places)		
Site Name Co	oral PWU	28-4 Battery		Site Type	Oil		
Date Release	Discovered	11/10/2022		API# (if app	plicable)		
Unit Letter	Section	Township	Range	Cour	nty		
Р	28	19S	29E	Edd	dy		
Crude Oil		l(s) Released (Select al	ll that apply and attach	l Volume of]	justification for	or the volumes provided below)	
Produced			ed (bbls)		Volume Recovered (bbls) 20 BBLS		
Troduced	water	Is the concentrat	tion of total dissolv water >10,000 mg	ved solids (TDS)	Yes No		
Condensa	ite	Volume Release			Volume Recovered (bbls)		
Natural G	ias	Volume Release	ed (Mcf)		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units			e units)	s) Volume/Weight Recovered (provide units)			
Cause of Rel	^{ease} Trans	ifer pump dev	eloped leak. F	luid stayed wi	thin lined	containment.	

Received by OCD: 1/25/2023/11/27:54 AMI State of New Mexico
Page 2 Oil Conservation Division

73	T	b	-1	_	1	c	4	7
P	ap	e	Я	9	O.	T)	Z	4
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Incident ID	nAPP2231557230
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respo	nsible party consider this a major release?
☐ Yes ■ No		
If YES, was immediate no	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
	Initial R	esponse
The responsible	party must undertake the following actions immediate	y unless they could create a safety hazard that would result in injury
■ The source of the rele	ease has been stopped.	
■ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or	likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed an	d managed appropriately.
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig addition, OCD acceptance o and/or regulations.	required to report and/or file certain release not ment. The acceptance of a C-141 report by the Cate and remediate contamination that pose a three f a C-141 report does not relieve the operator of	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Kendr		Title: EHS Associate
Signature: _ Kendra	ı Ruiz	Date: 11/18/2022
_{email:} Kendra.Ru	iz@dvn.com	Telephone: 575-748-0167
OCD Only		
Received by:Joce	lyn Harimon	Date:11/18/2022_

e(Bbls) Calculator	Spill Volume(I		
lue, Outputs in red	Inputs in blue		
ed Soil measurement			
Depth(inches)	Area (square feet)		
0.000			
9,000	ubic Feet of Soil Impacted		
ed <u>0.00</u>	Barrels of Soil Impacted		
Clay/Sand	Soil Type		
0.00	Barrels of Oil Assuming 100% Saturation		
present with shovel/backhoe	Saturation Fluid pre		
0.00	Estimated Barrels of Oil Released		
anding Fluid Only	Free Stand		
Depth(inches)	Area (square feet)		
0.850	1585.219		
20.015	Standing fluid		
20.015	Total fluids spilled		
present with shovel/backho Dil 0.00 anding Fluid Only Depth(inches) 0.850 20.015	Saturation Fluid pre Estimated Barrels of Oil Released Free Stand Area (square feet) 1585.219 Standing fluid		

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

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

Action 160043

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	160043
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/18/2022

Atte of New Mexico

Incident ID nAPP2231557230

Incident ID nAPP2231557230

Incident ID	nAPP2231557230
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 X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes k 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 X 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 X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X 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 not 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well. 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	ls.

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: 1/25/2023 11:27:54 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 21 of 2	7
Incident ID	nAPP2231557230	
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: Wesley Matthews	Title: EHS Professional		
Signature: Wesley Mathews	Date:1/25/2023		
email:wesley.matthews@dvn.com	Telephone:575-578-6195		
OCD Only			
Received by: Jocelyn Harimon	Date: 01/25/2023		

Received by OCD: 1/25/2023 11:27:54 AM State of New Mexico
Page 6 Oil Conservation Division

Incident ID nAPP2231557230

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 is	tems must be included in the closure report.
X A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
X Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
■ Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and replaced to the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification to the Corp. Printed Name: Wesley Matthews	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: EHS Professional
Signature: Wesley Mathews	Date:1/25/2023
email:wesley.matthews@dvn.com	Telephone:575-578-6195
OCD Only	
Received by: Jocelyn Harimon	Date:01/25/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by:	Date:
Printed Name:	Title:



Appendix C

Liner Inspection Form

Photographic Documentation



Liner Inspection Form

Company Name:	Devon I	<u>Energy</u>		
Site:	<u>C</u>			
Lat/Long:	32.6	525480	, -104.074357	-
NMOCD Incident ID & Incident Date:	<u>NA</u>			
2-Day Notification Sent:	via E	mail b	y Gio Gomez_12/28/2022	
Inspection Date:	12/3	1/2022		
Liner Type:	Earthen w/liner		Earthen no liner	Polystar
	Steel w/	poly li	ner Steel w/spray epoxy	No Liner
Other:				
Visualization	Yes	No	Comments	
Is there a tear in the liner?		X		
Are there holes in the liner?	;	X		
Is the liner retaining any fluids?		X		
Does the liner have integrity to contain a leak?	X			
Comments:				
Inspector Name: <u>Ne</u>	d Roger	<u>s</u>	Inspector Signature: Ned Rog.	<u>ers</u>



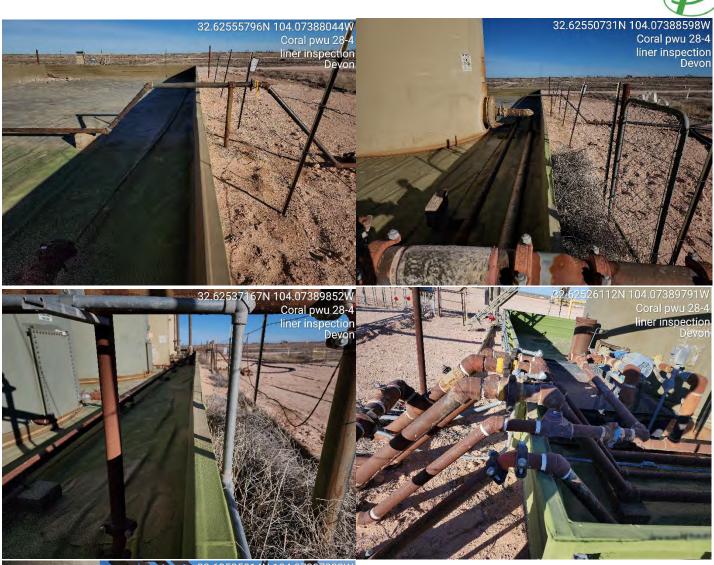
DEVON ENERGY

CORAL PWU 28-4

BATTERY LINER

INSPECTION







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

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

Action 179504

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	179504
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	y Condition	Condition Date
rhamle	We have received your closure report and final C-141 for Incident #NAPP2231557230 CORAL PWU 28 BATTERY, thank you. This closure is approved.	5/2/2023