State of New Mexico Incident ID ... A PRO22

Incident ID	nAPP2234640296
District RP	
Facility ID	
Application ID	

Page 1 of 28

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 ite	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 of must be notified 2 days prior to liner inspection)	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)							
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 a should their operations have failed to adequately investigate and rem human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC	rediate contamination that pose a threat to groundwater, surface water, 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 CD when reclamation and re-vegetation are complete.							
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							
	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:5/11/2023							
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced							



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

January 11, 2023

Bureau of Land Management 620 East Green Street Carlsbad, NM 88220

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

RE: Liner Inspection and Closure Report

Todd 36 CTB 3 API No. N/A

GPS: Latitude 32.256743 Longitude -103.728564

UL- O, Section 36, Township 23S, Range 31E, Eddy County, NM

NMOCD Reference No. NAPP2234640296

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 at the Todd 36 CTB 3 (Todd). An initial C-141 was submitted on December 16, 2022, and can be found in Appendix B. This incident was assigned Incident ID NAPP2234640296, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Todd is located approximately thirty-six (36) miles west of Eunice, NM. This spill site is in Unit O, Section 36, Township 23S, Range 31E, Latitude 32.256743 Longitude -103.728564, 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 160 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 100 feet BGS. See Appendix A for referenced water surveys. The Todd is in a low karst area (Figure 3). A Topographic Map can be found in Figure 2.

Release Information

NAPP2234640296: On November 11, 2022. A water transfer pump developed a leak. Approximately 10 barrels (bbls) of produced water was released from pump. A vacuum truck was dispatched and recovered all 10 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 30, 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, NAPP2234640296 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



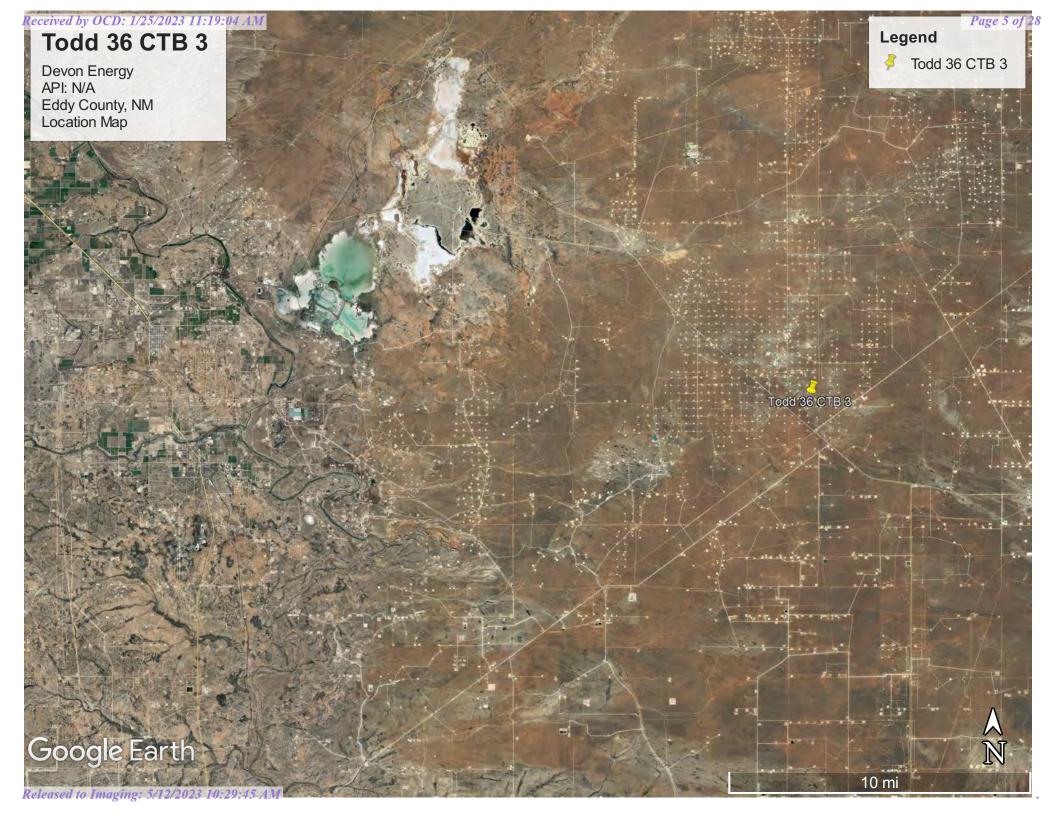
Figures:

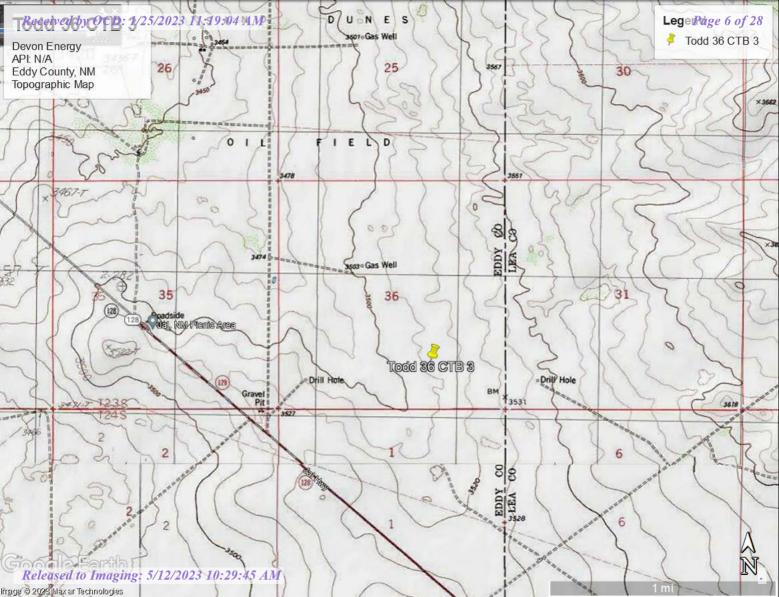
1-Location Map

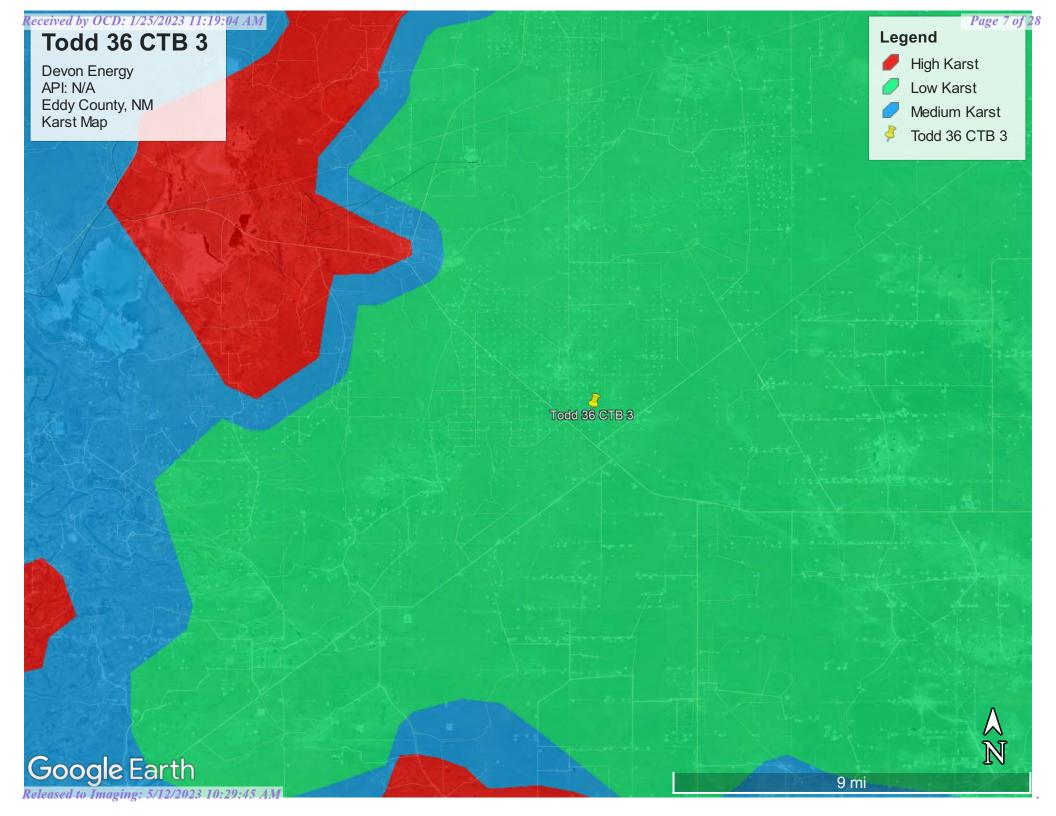
2-Topographic Map

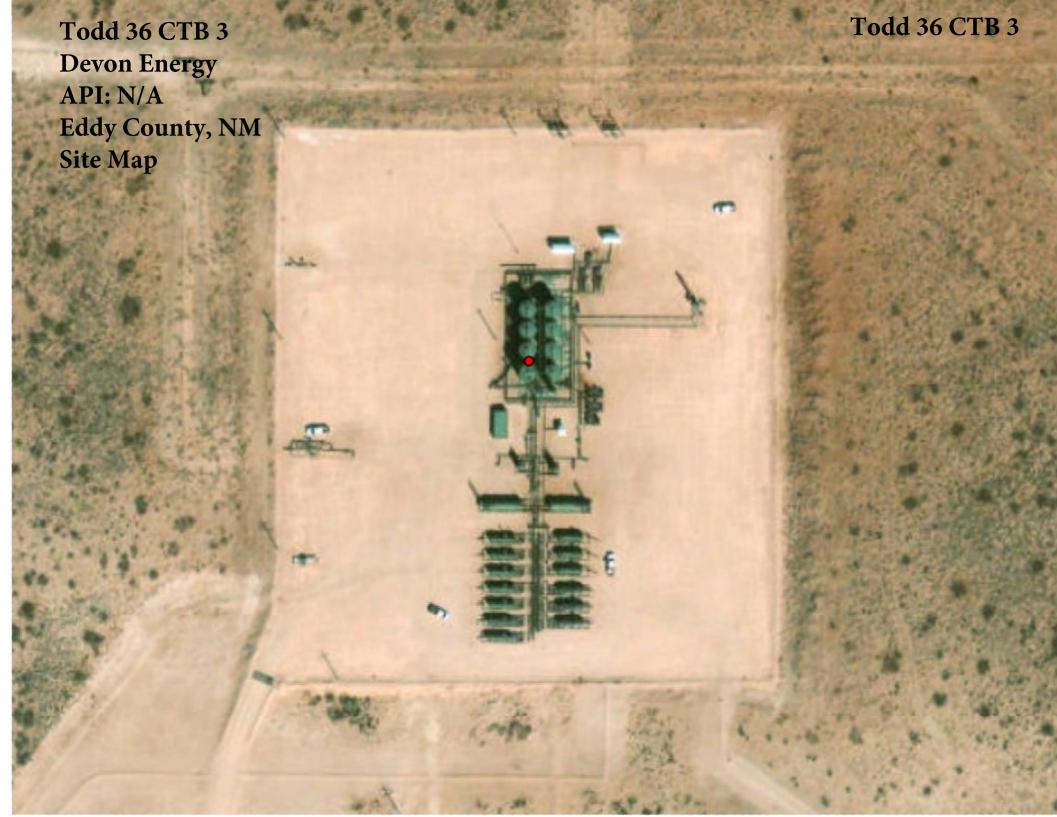
3-Karst Map

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-		Q	Q	Q								,	Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	othWater (Column
<u>C 04672 POD 1</u>		CUB	ED	2	1	4	01	24S	31E	619762	3568286	1316	110		
<u>C 02405</u>		CUB	ED		4	1	02	24S	31E	617690	3568631*	2289	275	160	115
<u>C 02464</u>		C	ED	2	3	1	02	24S	31E	617645	3568581	2351	320	205	115
<u>C 02348</u>		C	ED	1	4	3	26	23S	31E	617648	3571068	2573	700	430	270
<u>C 02460</u>		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
<u>C 02460 POD2</u>		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
<u>C 02258</u>		C	ED		3	2	26	23S	31E	618055	3571853*	2824	662		
<u>C 03555 POD1</u>		C	LE	2	2	1	05	24S	32E	622748	3569233	3008	600	380	220
<u>C 04687 POD1</u>		CUB	ED	4	2	3	12	24S	31E	619481	3566450	3165	110		
<u>C 03529 POD1</u>		C	LE	2	4	3	29	23S	32E	622651	3571212	3306	550		
C 03530 POD1		C	LE	3	4	3	07	24S	32E	620886	3566156	3624	550		
C 03851 POD1		CUB	LE	3	3	4	20	23S	32E	622880	3572660	4365	1392	713	679
<u>C 02440</u>		C	ED		2	3	10	24S	31E	616103	3566599*	4735	350		

Average Depth to Water:

377 feet

Minimum Depth:

160 feet

Maximum Depth:

713 feet

Record Count: 13

UTMNAD83 Radius Search (in meters):

Easting (X): 619763.21 **Northing (Y):** 3569602.98 **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.

1/9/23 2:45 PM

WATER COLUMN/ AVERAGE DEPTH TO

^{*}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:	
0303 Water Resources	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 =

• 321609103445901

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

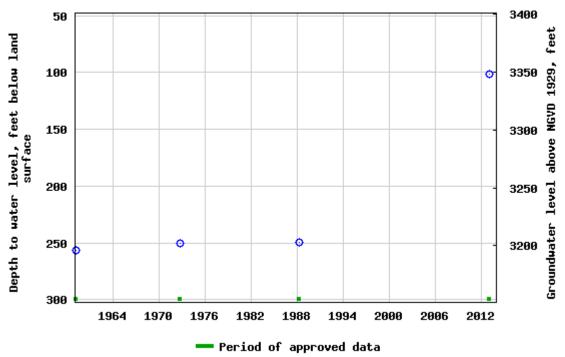
USGS 321609103445901 23S.31E.26.34411

Available data for this site	Groundwater:	Field measurements	∨ GO						
Eddy County, New Mexico									
Hydrologic Unit Code 13060011									
Latitude 32°16'11.9", Lon-	Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83								
Land-surface elevation 3,4	51.00 feet	above NGVD29							
The depth of the well is 36	5 feet belov	w land surface.							
This well is completed in th	ie Other aq	uifers (N9999OTI	HER) natio	nal aquifer.					
This well is completed in the	ie Dewey L	ake Redbeds (31)	2DYLK) loc	al aquifer.					

Output formats

<u>Table of data</u>	
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>

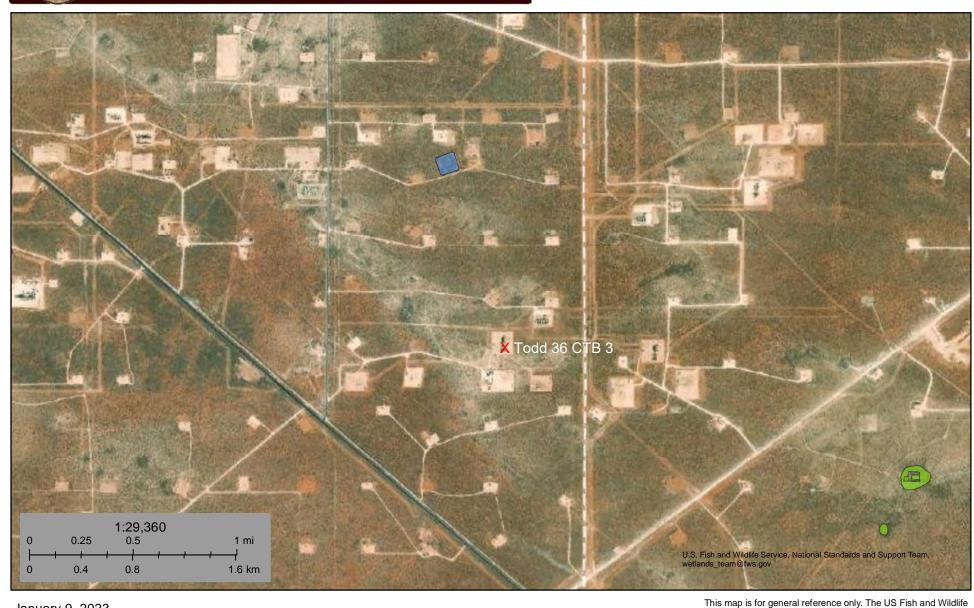
Page Last Modified: 2023-01-09 16:42:28 EST

0.59 0.5 nadww01





Wetlands Map



January 9, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

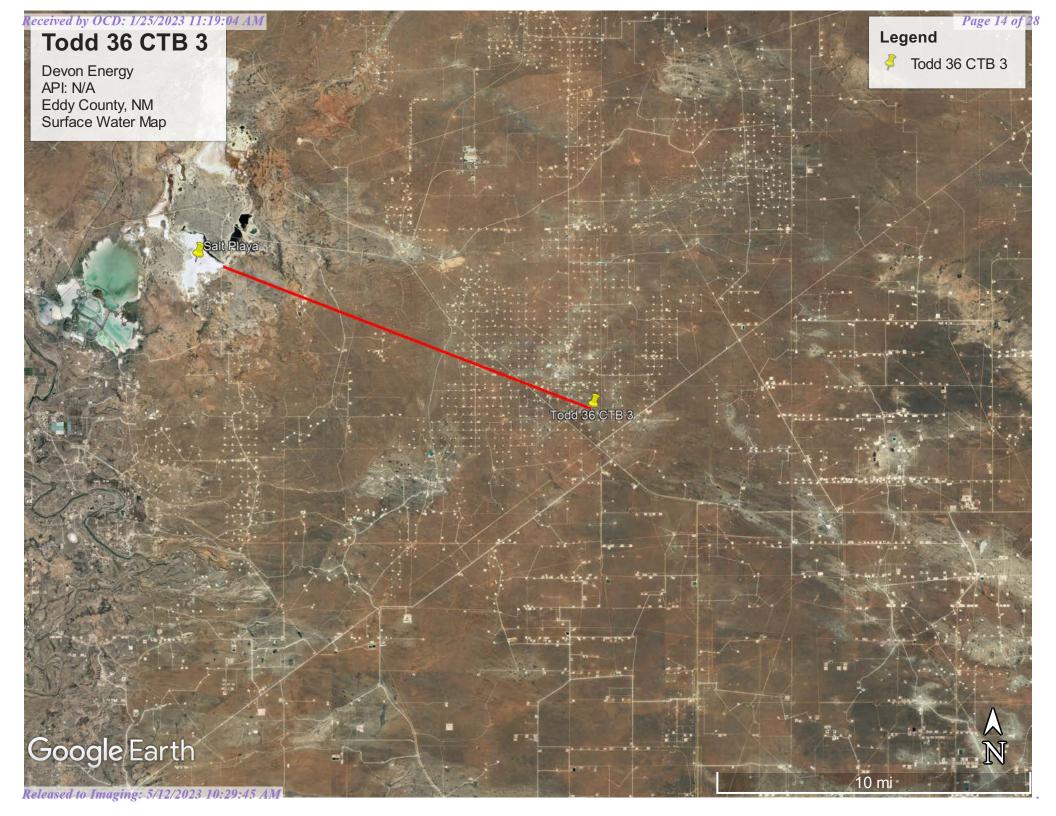
Freshwater Pond

Lake

Riverine

Other

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

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party OGRID							
Contact Nam	e			Contact Te	elephone		
Contact emai	1			Incident #	(assigned by OCD))	
Contact mail	ing address			1			
			Location	of Release So	ource		
Latitude			(NAD 83 in dec	Longitude _cimal degrees to 5 decim	nal places)		
Site Name				Site Type			
Date Release	Discovered			API# (if app	licable)		
Unit Letter	Section	Township	Range	Coun	ity		
Crude Oil	Material	Federal Tr	Nature and	l Volume of I		e volumes provided below)	
Produced		Volume Released			Volume Recovered (bbls)		
	water	Is the concentrate	ion of total dissolv water >10,000 mg		, ,		
Condensa	te	Volume Release	d (bbls)		Volume Reco	overed (bbls)	
☐ Natural G	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)					Volume/Weig	ght Recovered (provide units)	
Cause of Rele	ease						

Received by OCD: 1/25/2023 11:19:04 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page	<i>17</i>	of	28
			7

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	nsible party consider this a major release?
19.15.29.7(A) NMAC?		
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	LWID	
	Initial R	esponse
The responsible p	party must undertake the following actions immediated	y unless they could create a safety hazard that would result in injury
☐ The source of the rele	ase has been stonned	
	s been secured to protect human health and	the environment
	•	ikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	•
<u> </u>	d above have <u>not</u> been undertaken, explain	
		•
has begun, please attach a	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 lease attach all information needed for closure evaluation.
regulations all operators are	required to report and/or file certain release noti	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger
failed to adequately investiga	ate and remediate contamination that pose a thre	CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	f a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature: Kendra	Ruiz	Date:
		Telephone:
Cman.		Telephone.
OCD O-1		
OCD Only		
Received by:	n Harimon	Date: 12/16/2022

Spills In Lines	Containment				
Measurements Of Standing Fluid					
Length(Ft)	30				
Width(Ft)	115				
Depth(in.)	0.25				
Total Capacity without tank displacements (bbls)	12.80				
No. of 500 bbl Tanks In					
Standing Fluid	-4				
No. of Other Tanks In Standing Fluid					
OD Of Other Tanks In Standing Fluid(feet)					
Total Volume of standing fluid accounting for tank displacement.	10.00				

	Page 19 of 2	8
Incident ID	nAPP2234640296	
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?					
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 X No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X 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 11:19:04 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 20 of	28
Incident ID	nAPP2234640296	
District RP		
Facility ID		
Application ID		

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
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

Page 21 of 28

Incident ID	nAPP2234640296
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.
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)	s of the liner integrity if applicable (Note: appropriate OCD District office
x Laboratory analyses of final sampling (Note: appropriate OD	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 certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and reshuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the coaccordance with 19.15.29.13 NMAC including notification with 19.15.29.13 NMAC including notifi	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
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



Gio PimaOil <gio@pimaoil.com>

Todd 36 CTB 3 Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com>

Wed, Dec 28, 2022 at 9:00 AM

To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Good Morning,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Todd 36 CTB 3 for incident NAPP2234640296. Pima personnel are scheduled to be on site for this Inspection event at approximately 12:00 p.m. On Friday, December 30, 2022. If you have any questions or concerns, please let me know. Thank you

Gio Gomez **Project Manager** cell-806-782-1151 Office-575-964-7740 Pima Environmental Services, LLC.



Appendix C

Liner Inspection Form

Photographic Documentation



Liner Inspection Form

Company Name:	Devon I	Energy_			
Site:	<u>Too</u>	dd 36 C			
Lat/Long:	32.2	256743	, -103.7285	64	_
NMOCD Incident ID & Incident Date:	<u>NA</u>	<u>.PP223</u>	<u>4640296</u>	12/11/2022	
2-Day Notification Sent:	via E	mail by	y Gio Gome	ez_12/28/2022	
Inspection Date:	12/3	12/30/2022			
Liner Type:	Earthen	w/line	r	Earthen no liner	Polystar
	Steel w/	poly lin	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>	ed Roger	<u>s</u>	In	spector Signature: <i>Ned Ray</i>	gers



SITE PHOTOGRAPHS DEVON ENERGY

TODD 36 CTB 3

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 179497

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	179497
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	By Condition	Condition Date
rhaml	We have received your closure report and final C-141 for Incident #NAPP2234640296 TODD 36 CTB 3, thank you. This closure is approved.	5/12/2023