Page 1 of 25

Incident ID	nAPP2121534442
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	items must be included in the closure report.
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 OD	C District office must be notified 2 days prior to final sampling)
X 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 rehuman health or 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 with 19.15	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.
Printed Name: Wes Mathews 910alou Mathaux	Title: EHS Professional
Signature: Wesley Mathews	Date: <u>6/20/2022</u>
email: wesley.mathews@dvn.com	Telephone: 575-513-8608
OCD Only	
Received by: Jocelyn Harimon	Date:08/29/2022
	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: Robert Hamlet	Date: <u>11/30/2022</u>
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced



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

June 20, 2022

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

Cotton Draw Unit 13 Fed 1H

API No. N/A

GPS: Latitude 32.124037 Longitude -103.738237 UL- M, Section 13, Township 25S, Range 31E NMOCD Reference No. NAPP2121534442

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for a crude oil release that happened at the Cotton Draw Unit 13 Fed 1H (Cotton). An initial C-141 was submitted on August 13, 2021, and can be found in Appendix B. This incident was assigned Incident ID NAPP2121534442, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Cotton is located approximately twenty (20) miles East of Malaga, NM. This spill site is in Unit M, Section 13, Township 25S, Range 31E, Latitude 32.124037 Longitude -103.738237, 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 450 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 318 feet BGS. See Appendix A for referenced water surveys. The Cotton is in a low karst area (Figure 3). A Topographic Map can be found in Figure 2.

Release Information

<u>NAPP2121534442</u>: On November 29, 2020, an oil tank developed a leak, causing fluid released into lined containment. Approximately 174 barrels (bbls) of crude oil was released. A vacuum truck was dispatched and recovered all 174 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 June 12, 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 NAPP212153442 be closed. Devon has complied with the applicable closure requirements.

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

Respectfully,

Tom Bynum

Tom Bynum
Project Manager

Pima Environmental Services, LLC

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



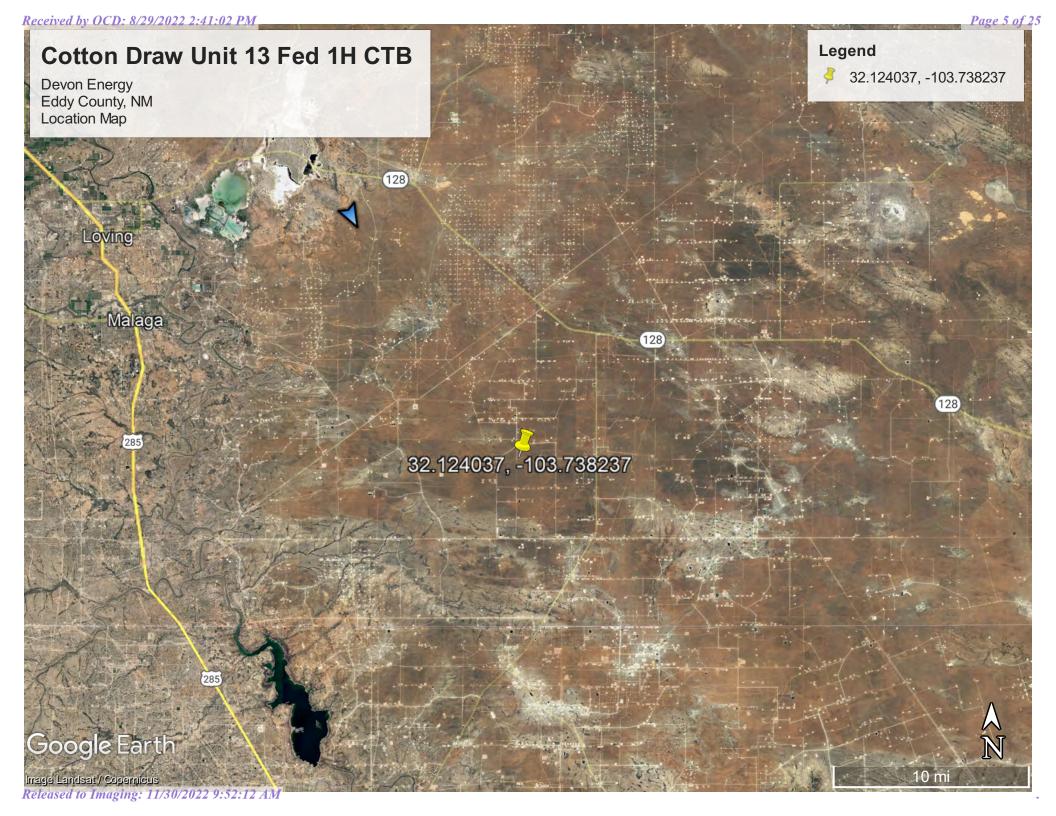
Figures:

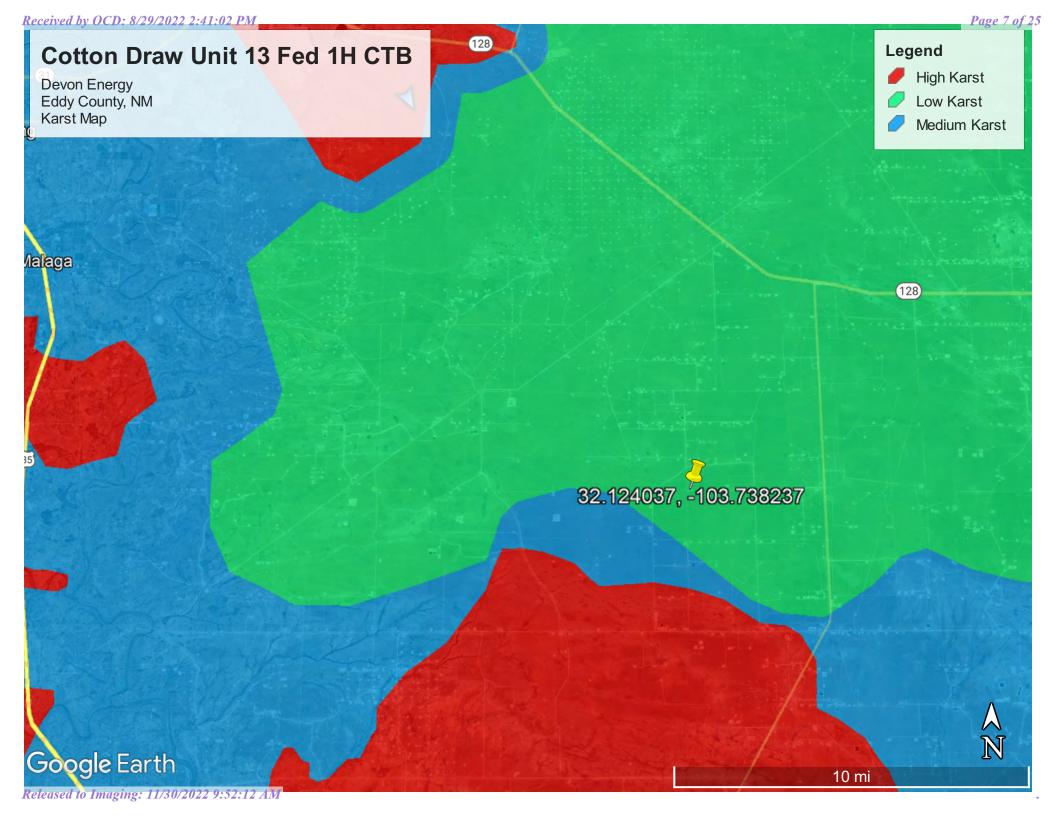
1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map









Appendix A

Water Surveys:

OSE

USGS



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-		0	Q	O								W	/ater
POD Number	Code		County				Sec	Tws	Rng	X	Y	DistanceDe	pthWellDer	othWater Co	
C 03830 POD1		CUB	ED	4	2	4	02	25S	31E	618632	3558432	3573	450		
<u>C 02570</u>		CUB	ED	4	2	4	02	25S	31E	618704	3558489*	3622	895		
<u>C 02568</u>		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	4011	1025		
<u>C 02569</u>		CUB	ED	4	4	2	02	25S	31E	618699	3558891*	4023	1016		
<u>C 02573</u>		CUB	ED	1	4	2	02	25S	31E	618499	3559091*	4242			
<u>C 02250</u>		CUB	ED	3	1	4	21	25S	31E	614912	3553620*	4301	400	390	10
<u>C 02572</u>		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	4425	852		
<u>C 02571</u>		CUB	ED	4	1	2	02	25S	31E	618292	3559294*	4473	860		
<u>C 02574</u>		CUB	ED	1	1	2	02	25S	31E	618092	3559494*	4706			

Average Depth to Water:

390 feet

Minimum Depth:

390 feet

Maximum Depth:

390 feet

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 619024.62 **Northing (Y):** 3554880.78 **Radius:** 5000

*UTM location was derived from PLSS - see Help

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.

6/16/22 3:14 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:		
5565 Water Resources	Groundwater ~	United States	~	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water <u>data</u> 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 =

• 320643103465002

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320643103465002 25S.31E.21.413314A

Available data for this site	Groundwater:	Field measurements	~	GO
Eddy County, New Mexico				
Hydrologic Unit Code 1307	'0001			
Latitude 32°06'46.0". Lon	aitude 1039	246'56.3" NAD83		

Land-surface elevation 3,374.00 feet above NGVD29

The depth of the well is 400 feet below land surface.

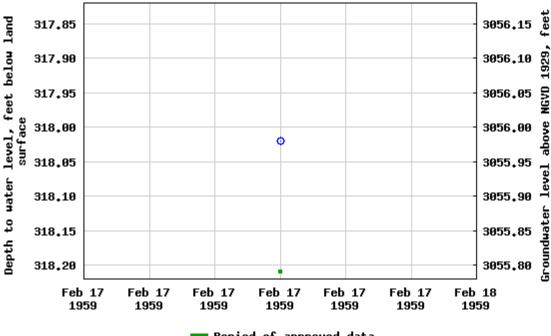
The depth of the well is 400 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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

USGS 320643103465002 25S.31E.21.413314A



- 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: 2022-06-16 16:04:37 EDT

0.64 0.55 nadww01





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 Name Contac					Telephone		
Contact email Inci					(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 Reco	,	
	water	Is the concentrate	ion of total dissolv water >10,000 mg		Yes N		
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: 8/29/2022 2:41:02 PM State of New Mexico
Page 2 Oil Conservation Division

	Page 15 of	25
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 VFS, was immediate no	otice given to the OCD? By whom? To w	nom? When and by what means (phone, email, etc)?
II 125, was ininediate in	otice given to the OCD. By whom: 10 wi	when and by what means (phone, eman, etc).
	Initial R	esponse
The responsible p	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.	
	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or o	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed an	
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
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.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environn	nent. The acceptance of a C-141 report by the C	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:		Title:
Signature: Kendra	DeHoyos	Date:
		Telephone:
OCD Only		
Received by: Ramona M	Iarcus	Date: 8/13/2021

NAPP2121534442

Spills In Line	d Containment
Measurements	Of Standing Fluid
Length(Ft)	136.5
Width(Ft)	27
Depth(in.)	6
Total Capacity without tank displacements (bbls)	328.21
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.	261.03

e of New Mexico

Incident ID	NAPP2121534442
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 ☒ 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 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 X No			
Are the lateral extents of the release overlying an unstable area such as karst geology?				
Are the lateral extents of the release within a 100-year floodplain?	Yes X 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.				
 X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well in Field data Data table of soil contaminant concentration data X Depth to water determination X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs X Photographs including date and GIS information X 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.

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	1 1180 10 0/ 2
Incident ID	NAPP2121534442
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: Wes Mathews	Title: EHS Professional			
Signature: Wesley Mathews	Date: <u>6/20/2022</u>			
email:wesley.mathews@dvn.com	Telephone: 575-513-8608			
OCD Only				
Received by: Jocelyn Harimon	Date: 08/29/2022			

Page 19 of 25

Incident ID	nAPP2121534442
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 i	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	I1 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
Laboratory analyses of final sampling (Note: appropriate ODG	C District office must be notified 2 days prior to final sampling)
X 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 repluman health or 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 with 19.15.29.	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.
Printed Name: Wes Mathews	Title:EHS Professional
Signature: Wesley Mathews	Date: <u>6/20/2022</u>
email:wesley.mathews@dvn.com	Telephone:575-513-8608
OCD Only	
Received by: Jocelyn Harimon	Date: <u>08/29/2022</u>
	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:



Gio PimaOil <gio@pimaoil.com>

CDU 13 CTB Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com>

Thu, Jun 9, 2022 at 10:05 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 Cotton Draw Unit 13 Fed 1H CTB for incident NAPP2121534442. Pima personnel are scheduled to be on site for this Inspection event at approximately 12:00 p.m. On Sunday, June 12, 2022. If you have any questions or concerns, please let me know. Thank you.

Gio Gomez Environmental 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 E	Energy			
Site:	Cotto	n Draw	Unit 13 Fed CTB		
Lat/Long:	32.1	24037,	-103.738237		
NMOCD Incident ID & Incident Date:	NA	.PP212	8/02/2021		
2-Day Notification Sent:	via E	mail by	Gio Gomez_6/9/2022		
Inspection Date:	6/12	/2022_			
Liner Type:	Earthen	w/line	Earthen no lin	er	Polystar
	Steel w/	poly lii	er Steel w/spray	epoxy	No Liner
Other:					
Visualization	Yes	No	Con	nments	
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:Ne	d Roger	<u>s</u>	Inspector Signature	: _ <u>Ned Rogers</u> _	



SITE PHOTOGRAPHS DEVON ENERGY – LINER INSPECTION COTTON DRAW UNIT 13 FED 1H CTB

















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 139024

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	139024
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

ļ	Created By	Condition	Condition Date
	rhamlet	We have received your closure report and final C-141 for Incident #NAPP2121534442 COTTON DRAW UNIT 13 FED 1H CTB, thank you. This closure is approved.	11/30/2022