Received by OCD: 11/8/2022 7:07:27 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 1 of 3
Incident ID	NAPP221444559
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?	<u>314</u> (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 X 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 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.
- X Field data

Page 3

- Data table of soil contaminant concentration data
- \underline{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

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: 11/8/	2022 7:07:27 AM State of New Mexic			Page 2 of 3
			Incident ID	NAPP2214445599
Page 4	Oil Conservation Divi	Oil Conservation Division		
			Facility ID	
			Application ID	
regulations all operators a public health or the envir failed to adequately inves addition, OCD acceptanc and/or regulations. Printed Name: <u>Dale</u> Signature: <u>Dale</u> email: <u>dale.woodal</u>	Voodall	ase notifications and perform by the OCD does not relieve se a threat to groundwater, su	corrective actions for rel- the operator of liability sh rface water, human health npliance with any other fe ssional	eases which may endanger nould their operations have n or the environment. In
OCD Only Received by: Joce	lyn Harimon	Date:1	1/08/2022	

Page 6

Oil Conservation Division

Incident ID	NAPP2214445599
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.

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

 \overline{X} A scaled site and sampling diagram as described in 19.15.29.11 NMAC

 $\overline{\mathbf{X}}$ 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)

 \square 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:Dale Woodall	Title: <u>Env. Professional</u>
Signature: Dale Woodall	Date: <u>11/8/2022</u>
email: <u>dale.woodall@dvn.com</u>	Telephone: <u>575-748-1838</u>
OCD Only	
Received by: Jocelyn Harimon	Date: <u>11/08/2022</u>
	ble party of liability should their operations have failed to adequately investigate and , surface water, human health, or the environment nor does not relieve the responsible laws and/or regulations.
Closure Approved by:	Date: <u>12/02/2022</u>
Printed Name: Jennifer Nobui	Title: Environmental Specialist A



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

June 15, 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 32 Fed Com 3H Battery API No. N/A GPS: Latitude 32.173175 Longitude -103.699186 UL- K, Section 32, Township 24S, Range 32E NMOCD Reference No. NAPP2214445599

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for a release that happened on the Cotton Draw 32 State Fed Com 3H Battery (Cotton 32). An initial C-141 was submitted on June 6, 2022, and can be found in Appendix B. This incident was assigned Incident ID NAPP2214445599, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Cotton 32 is located approximately twenty-two (22) miles East of Malaga, NM. This spill site is in Unit K, Section 32, Township 24S, Range 32E, Latitude 32.173175 Longitude -103.699186, 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 500 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 406 feet BGS. See Appendix A for referenced water surveys. The Cotton 32 is in a low karst area (Figure 3). A Topographic Map can be found in Figure 2.

Release Information

NAPP2214445599: On May 23, 2022, tanks ran over, fluid stayed in lined containment. Approximately 60 barrels (bbls) of produced water was released. A vacuum truck was dispatched and recovered all 60 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 9, 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, NAPP2214445599 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 Environmental 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



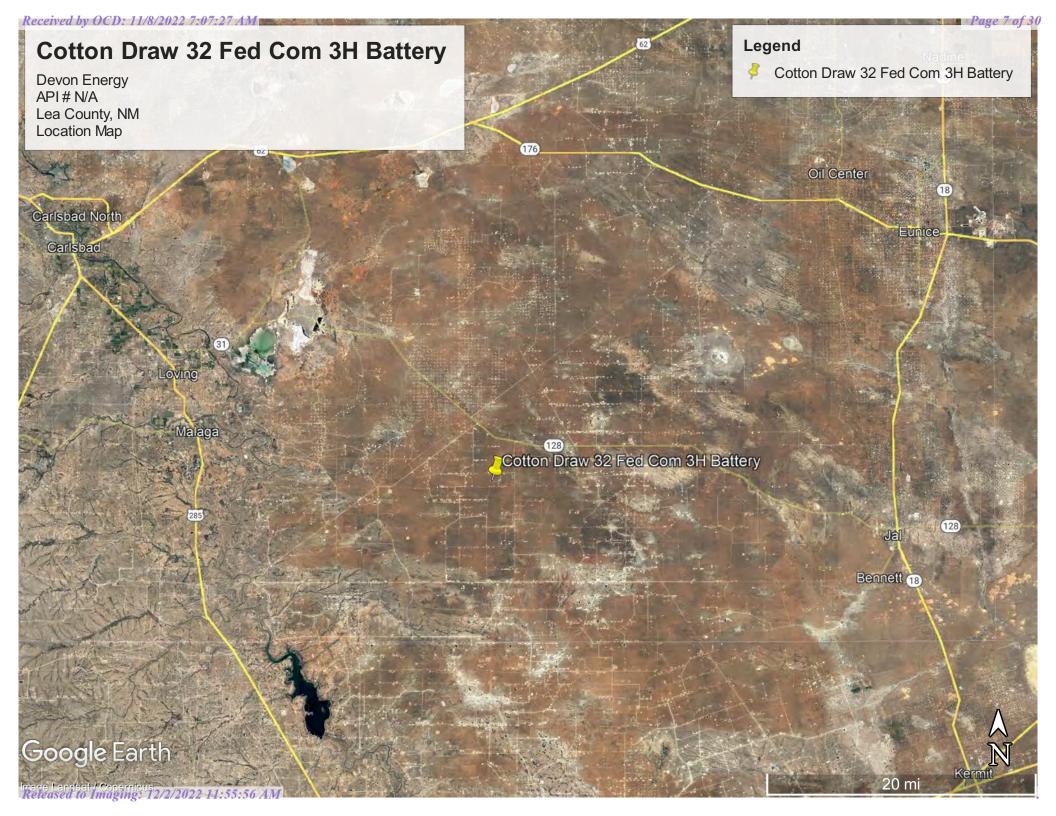
Figures:

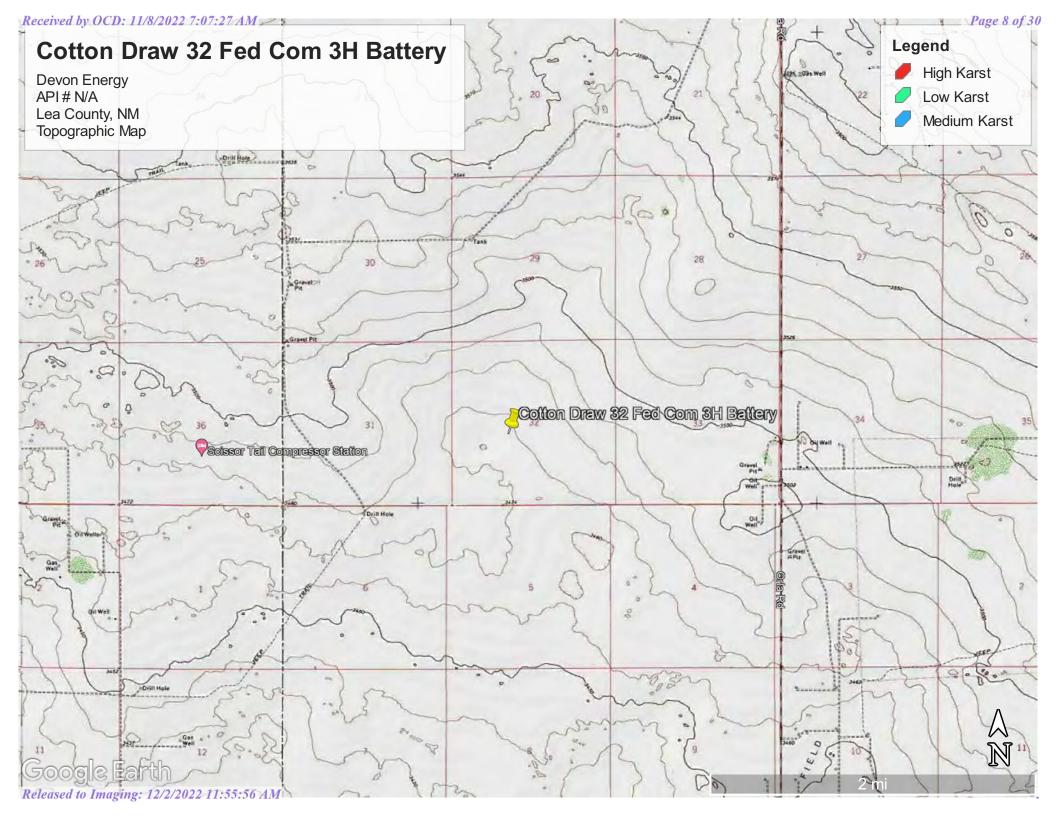
1-Location Map

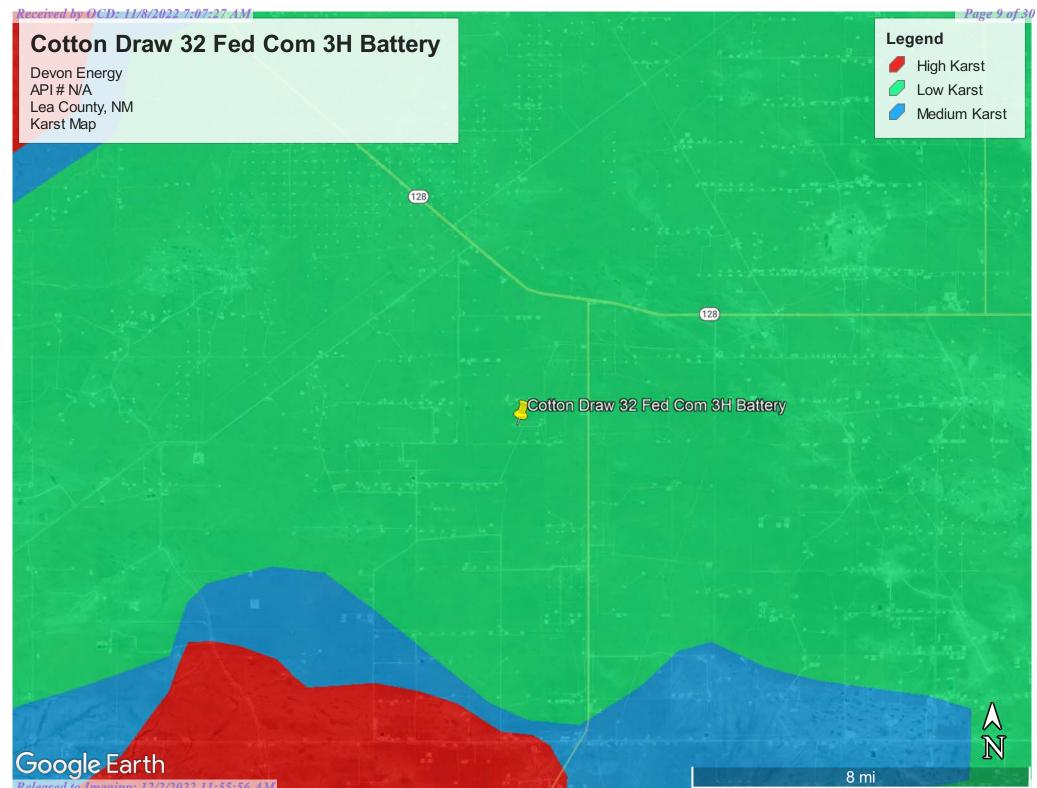
2-Topographic Map

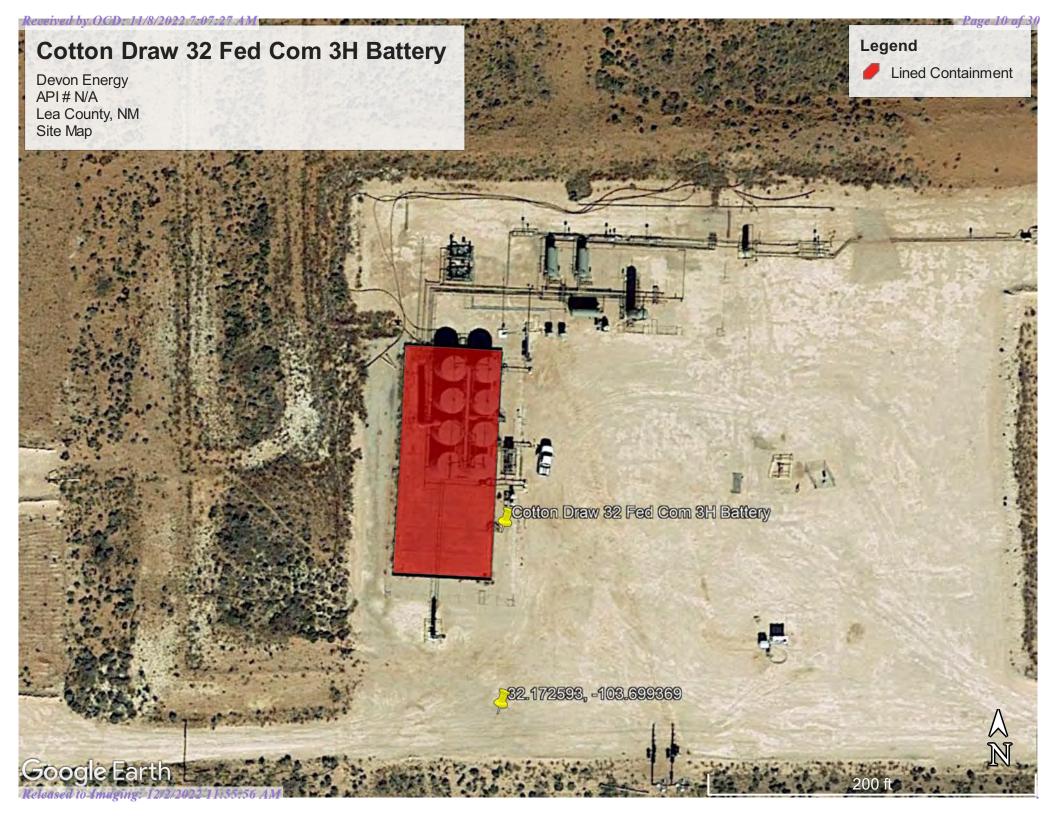
3-Karst Map

4-Site Map





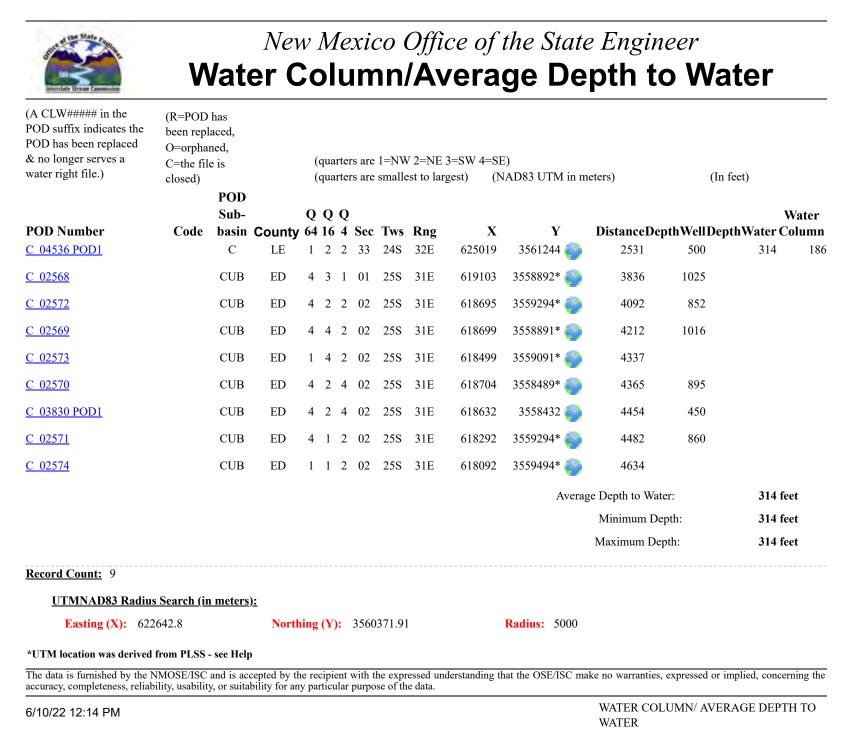






Appendix A

Water Surveys: OSE USGS





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
0505 Water Resources	Groundwater 🗸	United States	✓ GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time 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 =

• 320952103444401

Minimum number of levels = 1

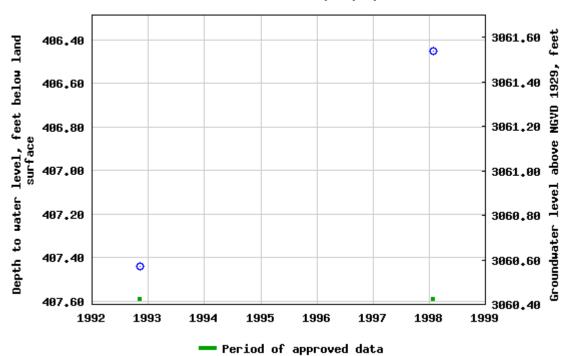
Save file of selected sites to local disk for future upload

USGS 320952103444401 25S.31E.02.214411

Available data for this site Groundwater: Field measurements V GO

Eddy County, New Mexico Hydrologic Unit Code 13070001 Latitude 32°09'50.0", Longitude 103°44'41.2" NAD83 Land-surface elevation 3,468.0 feet above NGVD29 This well is completed in the Other aquifers (N99990THER) national aquifer. This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

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



USGS 320952103444401 255,31E,02,214411

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



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

)

Page 16 of 30

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude	

(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Page 2

Incident ID	
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 responsible party consider this a major release?
Yes No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

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.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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:	Title:
Signature: Kendra Ruiz	Date:
email:	Telephone:
OCD Only	
Received by: Jocelyn Harimon	Date:06/06/2022

Page	18	of 30

Spills In Lined Containment		
Measurements Of Standing Fluid		
Length(Ft) 55		
Width(Ft)	100	
Depth(in.)	1	
Total Capacity without tank displacements (bbls)	81.63	
No. of 500 bbl Tanks In Standing Fluid	8	
No. of Other Tanks In Standing Fluid		
OD Of Other Tanks In Standing Fluid(feet)	16	
Total Volume of standing fluid accounting for tank displacement.	59.24	

Received by OCD: 11/8/2022 7:07:27 AM Form C-141 State of New Mexico

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Oil Conservation Division

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Incident ID	NAPP221444559
District RP	
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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?	<u>(ft bgs)</u>
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 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 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.
- X Field data
- Data table of soil contaminant concentration data
- \boxed{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

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: 11/8/202	22 7:07:27 AM State of New Mexico			Page 20 of 30
			Incident ID	NAPP2214445599
Page 4	Oil Conservation Division		District RP	
			Facility ID	
			Application ID	
regulations all operators are r public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations. Printed Name: <u>Wesley</u>	mation given above is true and complete to the required to report and/or file certain release no nent. The acceptance of a C-141 report by the atte and remediate contamination that pose a the a C-141 report does not relieve the operator of Mathews s@dvn.com	tifications and perform cc OCD does not relieve the reat to groundwater, surfa f responsibility for comp 	orrective actions for rele e operator of liability sh ice water, human health liance with any other fe essional	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only Received by:		Date:		
Received by:		Date:		

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Oil Conservation Division

Incident ID	NAPP2214445599
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.

<u>Closure Report Attachment Checklist</u>: 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

 $\overline{\mathbf{X}}$ 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)

 \mathbf{X} 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: Wesley Mathews	Title: EHS Professional
Signature:	Date:6/15/2022
email:wesley.mathews@dvn.com	Telephone:575-513-8608
OCD Only	
Received by:	Date:
	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:	



Gio PimaOil <gio@pimaoil.com>

Cotton Draw 32 ST Fed Com Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com> To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com> Mon, Jun 6, 2022 at 9:18 AM

Good Morning,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Cotton Draw 32 ST Fed Com 3H for incident NAPP2214445599. Pima personnel are scheduled to be on site for this Inspection event at approximately 8:00 a.m. On Thursday, June 9, 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 Energy		
Site:	Cotton Draw 32 Fed Com	<u>1 3H</u>	
Lat/Long:	32.1729546, -103.698829	<u> </u>	
NMOCD Incident ID & Incident Date:	<u>NAPP2214445599</u>	5/24/2022	
2-Day Notification Sent:	via Email by Gio Gomez	6/6/2022	
Inspection Date:	6/9/2022		
Liner Type:	Earthen w/liner	Earthen no liner	Polystar
	Steel w/poly liner	Steel w/spray epoxy	No Liner

Other:

Visualization	Yes	No	Comments
Is there a tear in the liner?		Х	
Are there holes in the liner?		Х	
Is the liner retaining any fluids?		Х	
Does the liner have integrity to contain a leak?	Х		

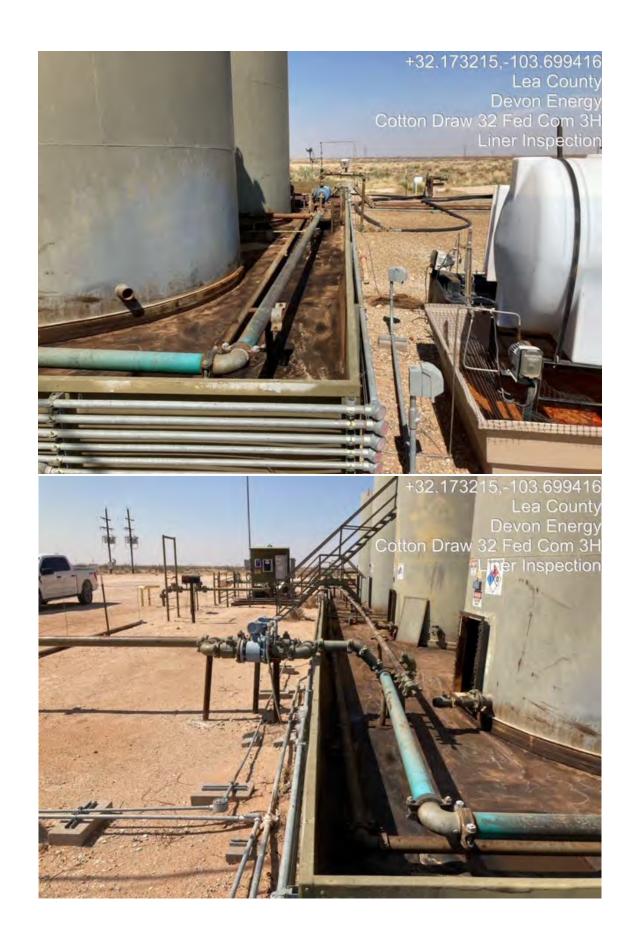
Comments: _____

Inspector Name: _	Ned Rogers	Inspector Signature:	Ned Rogers











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:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	156932
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
jnobui	Closure Report Approved.	12/2/2022

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Action 156932