



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

March 13, 2023

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

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

RE: Liner Inspection and Closure Report
Cotton Draw 32 St Fed Com 1H
API No. 30-025-40583
GPS: Latitude 32.1730272 Longitude -103.6902696
UL- I, Section 32, Township 24S, Range 32E,
Lea County, NM
NMOCD Reference No. NTO1414739530

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 Cotton Draw 32 St Fed Com 1H (Cotton). An initial C-141 was submitted on May 27, 2014, and can be found in Appendix B. This incident was assigned Incident ID NTO1414739530, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Cotton is located approximately twenty-two (22) miles east of Malaga, NM. This spill site is in Unit I, Section 32, Township 24S, Range 32E, Latitude 32.1730272 Longitude -103.6902696, Lea 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 314 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 290 feet BGS. See Appendix A for referenced water surveys. The Cotton is in a low karst area.

Release Information

NT01414739530: On May 22, 2014. A water transfer pump went down causing the water tank to run over. Approximately 205 barrels (bbls) of produced water was released from the tank. A vacuum truck was dispatched and recovered all 205 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.

Site Assessment and Liner Inspection

On February 18, 2023, 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, NTO1414739530 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.

Respectfully,



Gio Gomez
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 Survey
- Appendix B- C-141 Form & 48 Hour Notification
- Appendix C- Liner Inspection Form & Photographic Documentation



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map


3-Karst Map

4-Site Map

Cotton Draw 32 State Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Location Map

Legend

 Cotton Draw 32 State Fed Com 1H




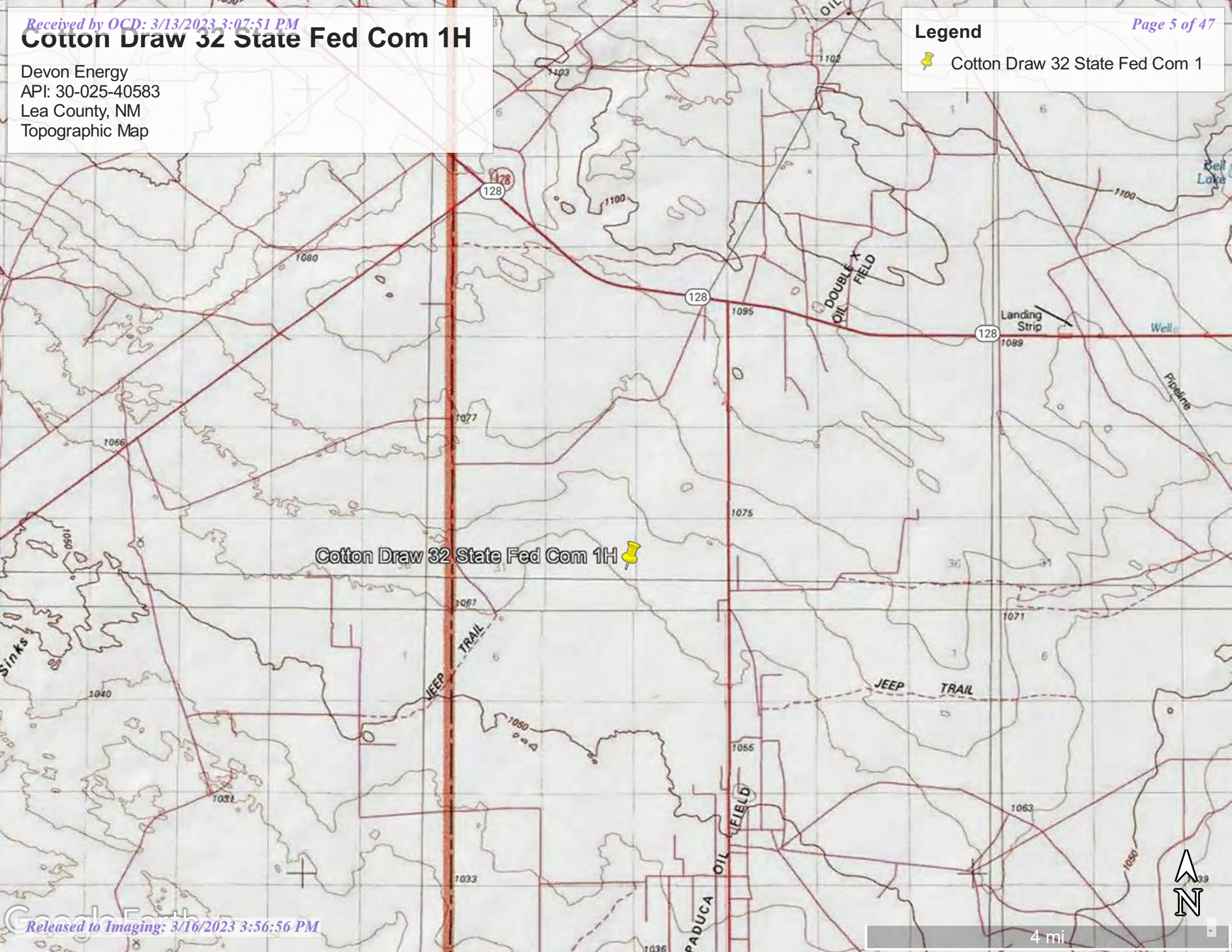
Cotton Draw 32 State Fed Com 1H

Cotton Draw 32 State Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Topographic Map

Legend





 Cotton Draw 32 State Fed Com 1

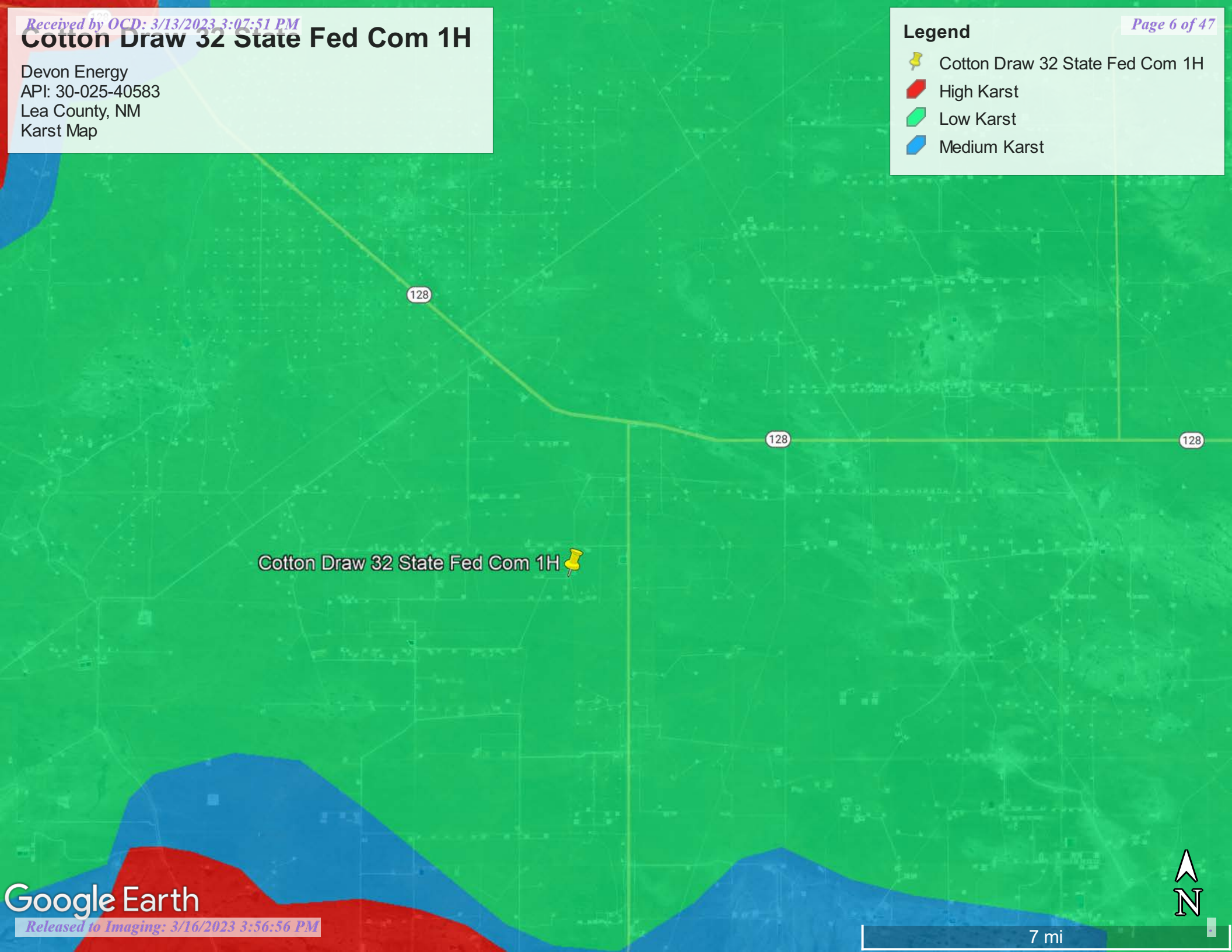


Cotton Draw 32 State Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Karst Map

Legend

-  Cotton Draw 32 State Fed Com 1H
-  High Karst
-  Low Karst
-  Medium Karst





Cotton Draw 32 State Fed Com 1H 




Cotton Draw 32 St Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Site Map

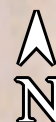
Legend

-  Cotton Draw 32 St Fed Com 1H
-  Spill Area

Cotton Draw 32 St Fed Com 1H 



Google Earth



100 ft



Pima Environmental Services

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 Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04536 POD1		C	LE	1	2	2	33	24S	32E	625019	3561244	1769	500	314	186
C 04620 POD1		CUB	LE	4	3	4	06	25S	32E	621445	3558018	3109	55		
C 04665		CUB	LE	1	1	2	30	24S	32E	621350	3562798	3236	120		
C 04654 POD1		CUB	ED	3	3	4	25	24S	31E	619764	3561226	3817	55		
C 04635 POD1		CUB	ED	4	3	4	01	25S	31E	619958	3558078	4203	55		
C 04636 POD1		CUB	ED	3	4	3	25	24S	31E	619200	3561279	4380			
C 04643 POD1		C	ED	4	2	2	05	23S	27E	619200	3561279	4380	305	135	170
C 04634 POD1		CUB	LE	4	3	3	10	25S	32E	625643	3556522	4408	55		
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	4621	1025		
C 02572		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	4907	852		

Average Depth to Water: **224 feet**

Minimum Depth: **135 feet**

Maximum Depth: **314 feet**

Record Count: 10

UTM NAD83 Radius Search (in meters):

Easting (X): 623483.71

Northing (Y): 3560365.72

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.

2/15/23 3:47 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater




Geographic Area:

United States



GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321005103402301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321005103402301 24S.32E.33.42241

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83

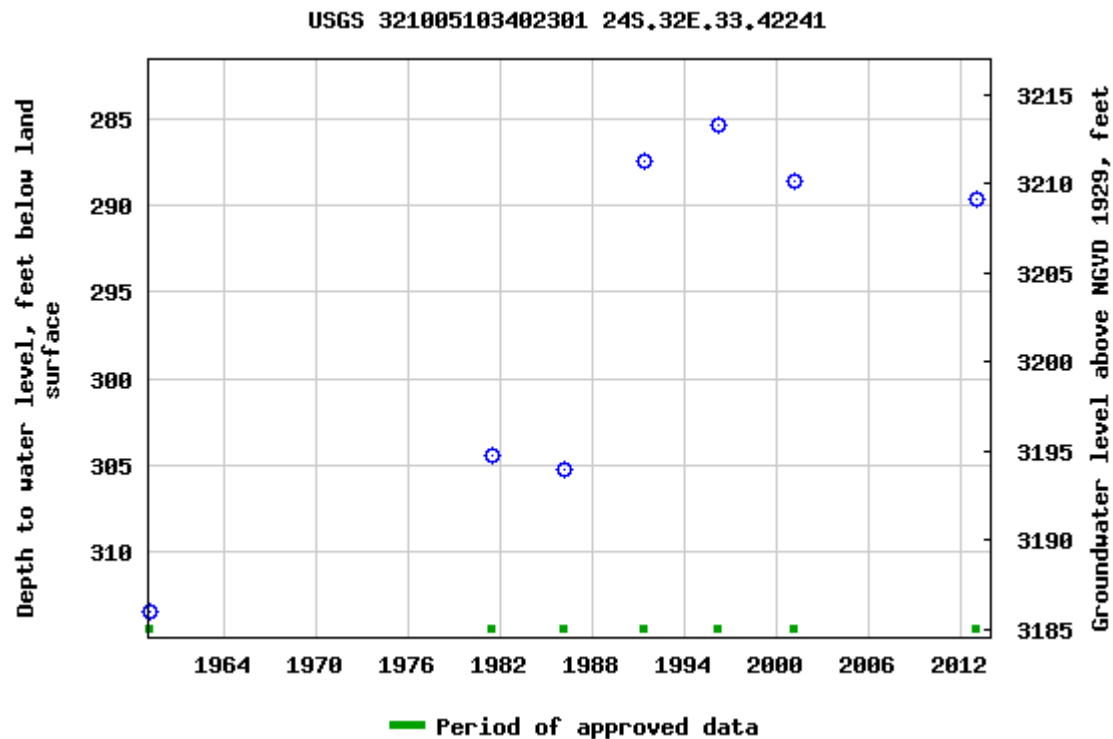
Land-surface elevation 3,499.00 feet above NGVD29

The depth of the well is 367 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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[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: [USGS Water Data Support Team](#)

Page Last Modified: 2023-02-15 17:46:00 EST

0.57 0.48 nadww02



Pima Environmental Services

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

HOBBS OCD
MAY 27 2014
RECEIVED

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy	Contact Tracy Kidd
Address PO Box 250 Artesia, NM 88211	Telephone No. 575- 513-0628
Facility Name Cotton Draw 32 State Fed Com 1H	Facility Type Oil
Surface Owner Federal	Mineral Owner State
API No. 30-025-40583	

LOCATION OF RELEASE

Unit Letter I	Section 32	Township 24S	Range 32E	Feet from the 2310	North/South Line South	Feet from the 660	East/West Line East	County Lea
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Latitude: 32.1730272 N

Longitude: 103.6902696 W

NATURE OF RELEASE

Type of Release Spill Produced Water	Volume of Release 205BBLS	Volume Recovered 205BBLS
Source of Release Water transfer pump malfunction, tank overflow	Date and Hour of Occurrence May 22, 2014 7:50 AM	Date and Hour of Discovery May 22, 2014 7:50 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/ BLM & Geoff Lecking/ OCD	
By Whom? Rebecca Jamison; Lease Operator	Date and Hour 5/23/2014	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Depth to g H₂O > 100'

Describe Cause of Problem and Remedial Action Taken.*

Water transfer pump went down causing the water tank to run over. Issues regarding notification system are being troubleshoot as pumper did not receive alerts when the pump malfunctioned. Tanks and containment will be steamed.

Describe Area Affected and Cleanup Action Taken.*

205 BBLS produced water were spilled into the lined containment. RW Trucking recovered all the water from containment.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Sandra Farley</i>	OIL CONSERVATION DIVISION	
Printed Name: Sandra Farley	Approved by Environmental Specialist:	
Title: Field Admin Support	Approval Date: 05-22-2014	Expiration Date: 07-28-2014
E-mail Address: Sandy.Farley@dmn.com	Conditions of Approval: <i>Site samples required. Rehydrate & remediate</i>	Attached <input type="checkbox"/>
Date:	Phone: 575.746.5587	IRP-05-14-3049 <i>05-22-2014</i>

* Attach Additional Sheets If Necessary

*Site as per NMOCD guidelines.
Submit final C-141 by
07-28-2014*

MAY 27 2014

Incident ID	NT01414739530
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><50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ 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

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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NT01414739530
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: Dale Woodall Title: EHS Professional
Signature: *Dale Woodall* Date: 3-18-2023
email: dale.woodall@dn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Incident ID	NT01414739530
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 3-18-2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 03/16/2023
Printed Name: Jennifer Nobui Title: Environmental Specialist A



Gio PimaOil <gio@pimaoil.com>

Cotton Draw 32 St Fed Com 1H Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com>

Wed, Feb 15, 2023 at 4:38 PM

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

Good Afternoon,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Cotton Draw 32 St Fed Com 1H for incident NTO1414739530. Pima personnel are scheduled to be on site for this Inspection event at approximately 8:00 a.m. On Saturday, February 18, 2023. 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.



Pima Environmental Services

Appendix C

Liner Inspection Form

Photographic Documentation



Pima Environmental Services, LLC

Liner Inspection FormCompany Name: Devon EnergySite: Cotton Draw 32 State Fed Com 1HLat/Long: 32.1730272, -103.6902696NMOCD Incident ID
& Incident Date: NT01414739530 5/22/20142-Day Notification
Sent: via Email by Gio Gomez 2/15/2023Inspection Date: 2/18/2023

Liner Type: Earthen w/liner Earthen no liner Polystar

 Steel w/poly liner Steel w/spray epoxy No Liner

Other: _____

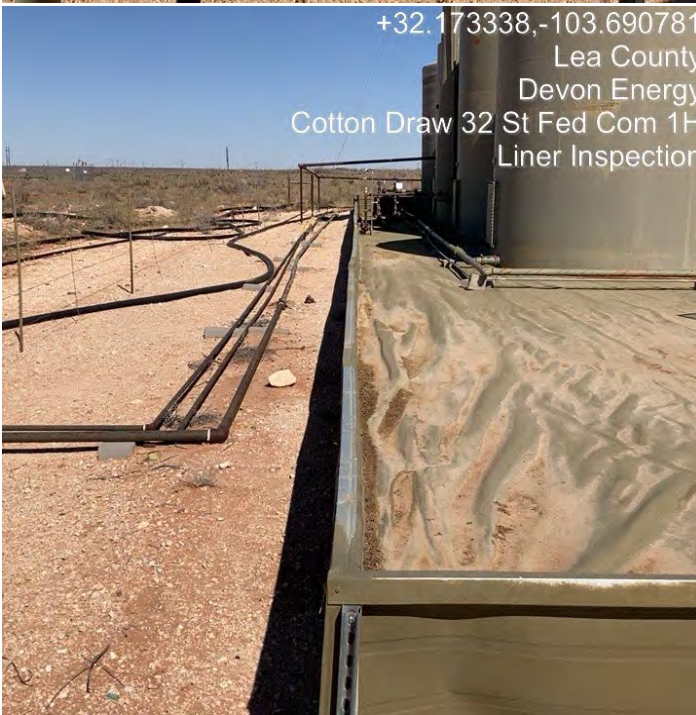
Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments: _____

Inspector Name: Ned Rogers Inspector Signature: Ned Rogers



SITE PHOTOGRAPHS
DEVON ENERGY – LINER INSPECTION
COTTON DRAW 32 ST FED COM #001H









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

March 13, 2023

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

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

RE: Liner Inspection and Closure Report
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API No. 30-025-40583
GPS: Latitude 32.1730272 Longitude -103.6902696
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Respectfully,



Gio Gomez
Project Manager
Pima Environmental Services, LLC

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Pima Environmental Services

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4-Site Map

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Devon Energy
API: 30-025-40583
Lea County, NM
Location Map

Legend



Cotton Draw 32 State Fed Com 1H


Cotton Draw 32 State Fed Com 1H

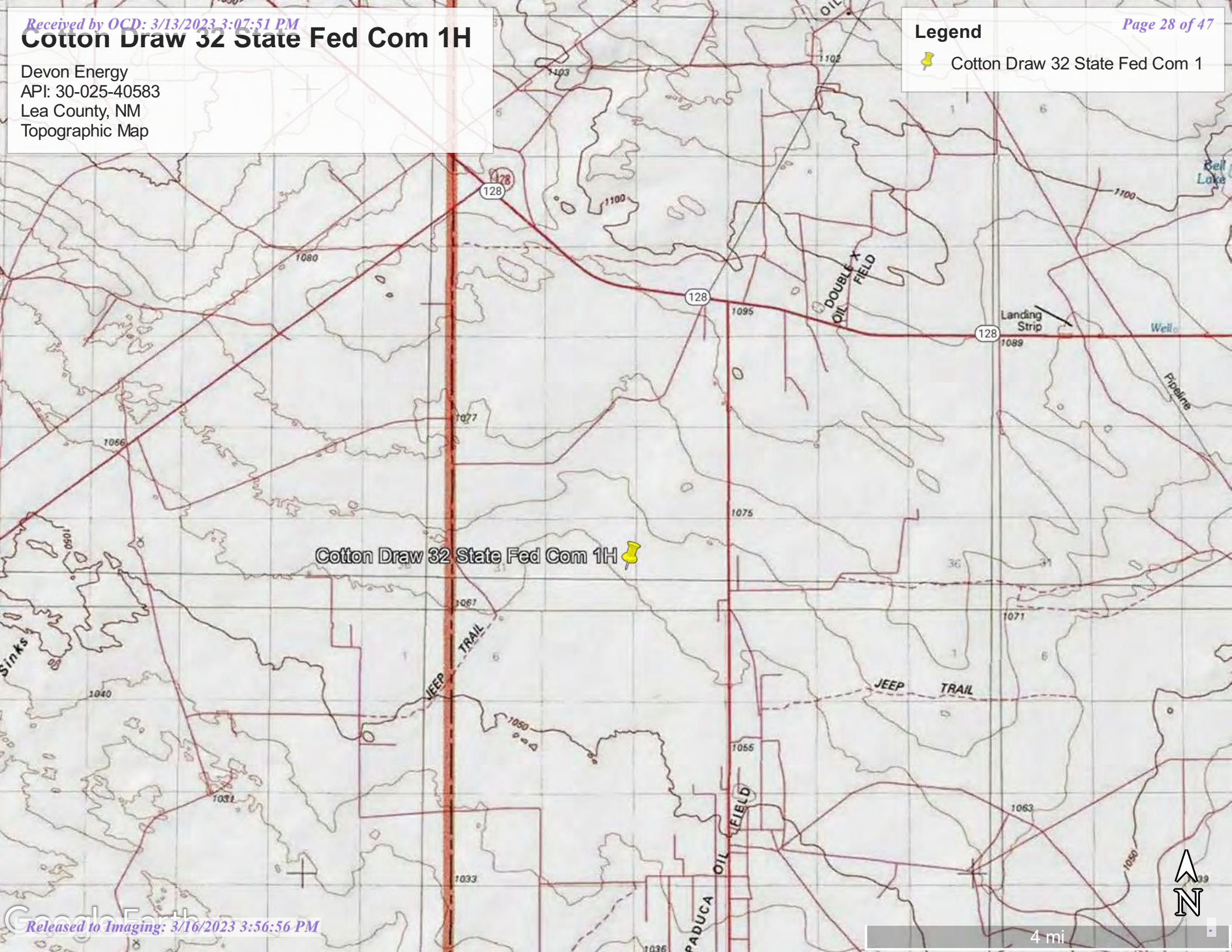


Cotton Draw 32 State Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Topographic Map

Legend





 Cotton Draw 32 State Fed Com 1

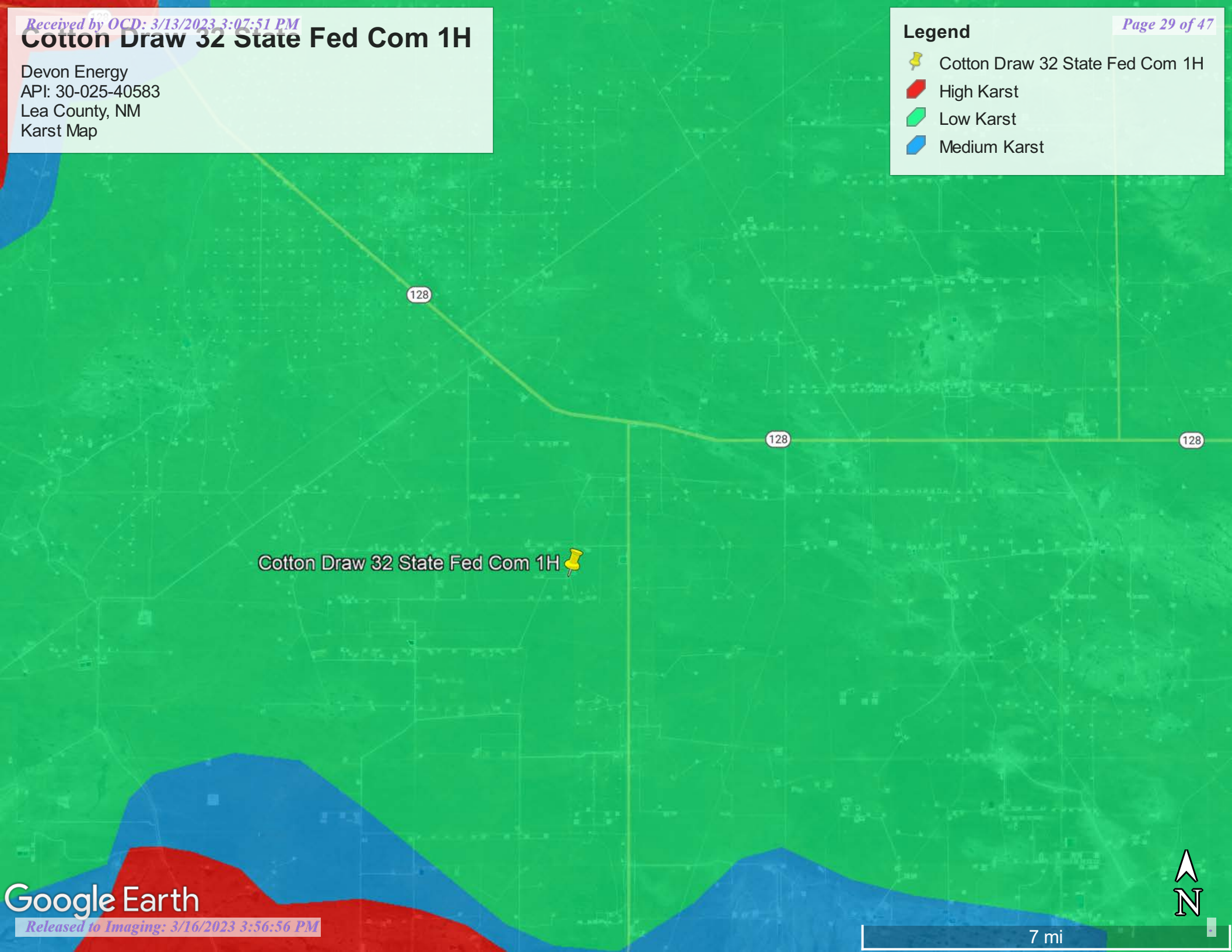


Cotton Draw 32 State Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Karst Map

Legend



-  Cotton Draw 32 State Fed Com 1H
-  High Karst
-  Low Karst
-  Medium Karst




Cotton Draw 32 St Fed Com 1H

Devon Energy
API: 30-025-40583
Lea County, NM
Site Map

Legend

-  Cotton Draw 32 St Fed Com 1H
-  Spill Area

Cotton Draw 32 St Fed Com 1H 



100 ft

Google Earth



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS



New Mexico Office of the State Engineer

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04536 POD1		C	LE	1	2	2	33	24S	32E	625019	3561244	1769	500	314	186
C 04620 POD1		CUB	LE	4	3	4	06	25S	32E	621445	3558018	3109	55		
C 04665		CUB	LE	1	1	2	30	24S	32E	621350	3562798	3236	120		
C 04654 POD1		CUB	ED	3	3	4	25	24S	31E	619764	3561226	3817	55		
C 04635 POD1		CUB	ED	4	3	4	01	25S	31E	619958	3558078	4203	55		
C 04636 POD1		CUB	ED	3	4	3	25	24S	31E	619200	3561279	4380			
C 04643 POD1		C	ED	4	2	2	05	23S	27E	619200	3561279	4380	305	135	170
C 04634 POD1		CUB	LE	4	3	3	10	25S	32E	625643	3556522	4408	55		
C 02568		CUB	ED	4	3	1	01	25S	31E	619103	3558892*	4621	1025		
C 02572		CUB	ED	4	2	2	02	25S	31E	618695	3559294*	4907	852		

Average Depth to Water: **224 feet**

Minimum Depth: **135 feet**

Maximum Depth: **314 feet**

Record Count: 10

UTM NAD83 Radius Search (in meters):

Easting (X): 623483.71

Northing (Y): 3560365.72

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.

2/15/23 3:47 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater ▼

Geographic Area:

United States ▼

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321005103402301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321005103402301 24S.32E.33.42241

Available data for this site

Groundwater: Field measurements ▼

GO

Lea County, New Mexico

Hydrologic Unit Code 13070001

Latitude 32°10'21.6", Longitude 103°40'18.9" NAD83

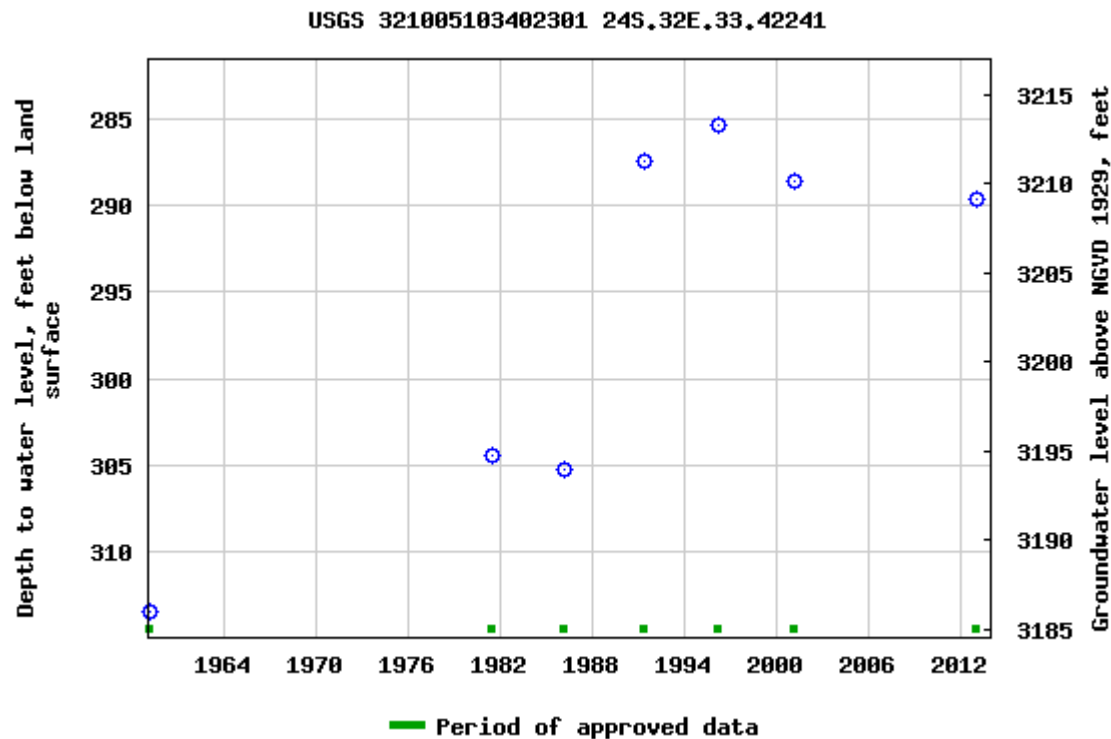
Land-surface elevation 3,499.00 feet above NGVD29

The depth of the well is 367 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

[Table of data](#)
[Tab-separated data](#)
[Graph of data](#)
[Reselect period](#)


Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

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[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: [USGS Water Data Support Team](#)

Page Last Modified: 2023-02-15 17:46:00 EST

0.57 0.48 nadww02



Pima Environmental Services

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

HOBBS OCD
MAY 27 2014
RECEIVED

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy	Contact Tracy Kidd
Address PO Box 250 Artesia, NM 88211	Telephone No. 575- 513-0628
Facility Name Cotton Draw 32 State Fed Com 1H	Facility Type Oil
Surface Owner Federal	Mineral Owner State
API No. 30-025-40583	

LOCATION OF RELEASE

Unit Letter I	Section 32	Township 24S	Range 32E	Feet from the 2310	North/South Line South	Feet from the 660	East/West Line East	County Lea
-------------------------	----------------------	------------------------	---------------------	------------------------------	----------------------------------	-----------------------------	-------------------------------	----------------------

Latitude: 32.1730272 N

Longitude: 103.6902696 W

NATURE OF RELEASE

Type of Release Spill Produced Water	Volume of Release 205BBLS	Volume Recovered 205BBLS
Source of Release Water transfer pump malfunction, tank overflow	Date and Hour of Occurrence May 22, 2014 7:50 AM	Date and Hour of Discovery May 22, 2014 7:50 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/ BLM & Geoff Lecking/ OCD	
By Whom? Rebecca Jamison; Lease Operator	Date and Hour 5/23/2014	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Depth to g H₂O > 100'

Describe Cause of Problem and Remedial Action Taken.*

Water transfer pump went down causing the water tank to run over. Issues regarding notification system are being troubleshoot as pumper did not receive alerts when the pump malfunctioned. Tanks and containment will be steamed.

Describe Area Affected and Cleanup Action Taken.*

205 BBLS produced water were spilled into the lined containment. RW Trucking recovered all the water from containment.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Sandra Farley</i>	OIL CONSERVATION DIVISION	
Printed Name: Sandra Farley	Approved by Environmental Specialist:	
Title: Field Admin Support	Approval Date: 05-22-2014	Expiration Date: 07-28-2014
E-mail Address: Sandy.Farley@dmn.com	Conditions of Approval: <i>Site samples required. Rehydrate & remediate</i>	Attached <input type="checkbox"/>
Date:	Phone: 575.746.5587	IRP-05-14-3049 <i>05-22-2014</i>

* Attach Additional Sheets If Necessary

*Site as per NMOCD guidelines.
Submit final C-141 by
07-28-2014*

MAY 27 2014

Incident ID	NT01414739530
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><50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ 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

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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NT01414739530
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: Dale Woodall Title: EHS Professional
Signature: *Dale Woodall* Date: 3-18-2023
email: dale.woodall@dn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Incident ID	NT01414739530
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: EHS Professional
Signature: Dale Woodall Date: 3-18-2023
email: dale.woodall@dvn.com Telephone: 405-318-4697

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Gio PimaOil <gio@pimaoil.com>

Cotton Draw 32 St Fed Com 1H Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com>

Wed, Feb 15, 2023 at 4:38 PM

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

Good Afternoon,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Cotton Draw 32 St Fed Com 1H for incident NTO1414739530. Pima personnel are scheduled to be on site for this Inspection event at approximately 8:00 a.m. On Saturday, February 18, 2023. 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.



Pima Environmental Services

Appendix C

Liner Inspection Form

Photographic Documentation



Pima Environmental Services, LLC

Liner Inspection FormCompany Name: Devon EnergySite: Cotton Draw 32 State Fed Com 1HLat/Long: 32.1730272, -103.6902696NMOCD Incident ID
& Incident Date: NT01414739530 5/22/20142-Day Notification
Sent: via Email by Gio Gomez 2/15/2023Inspection Date: 2/18/2023

Liner Type: Earthen w/liner Earthen no liner Polystar

Steel w/poly liner Steel w/spray epoxy No Liner

Other: _____

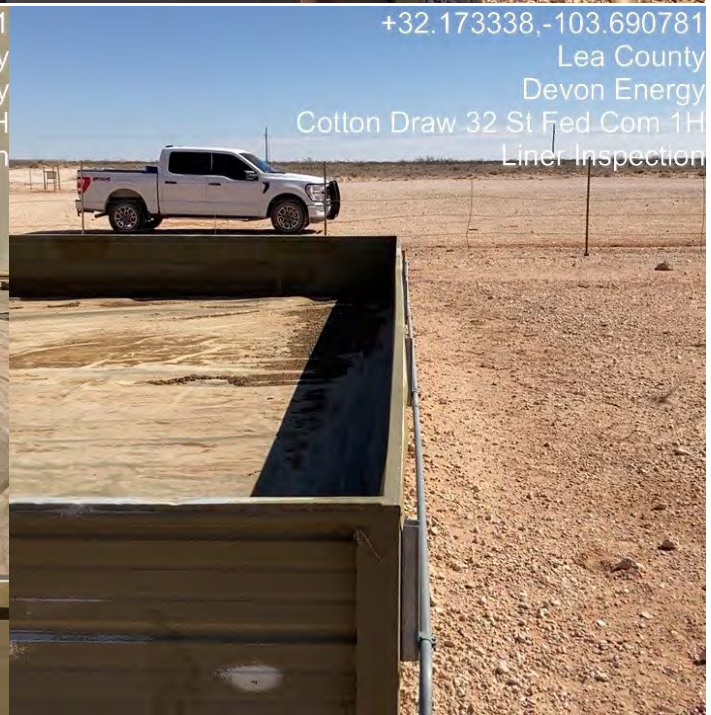
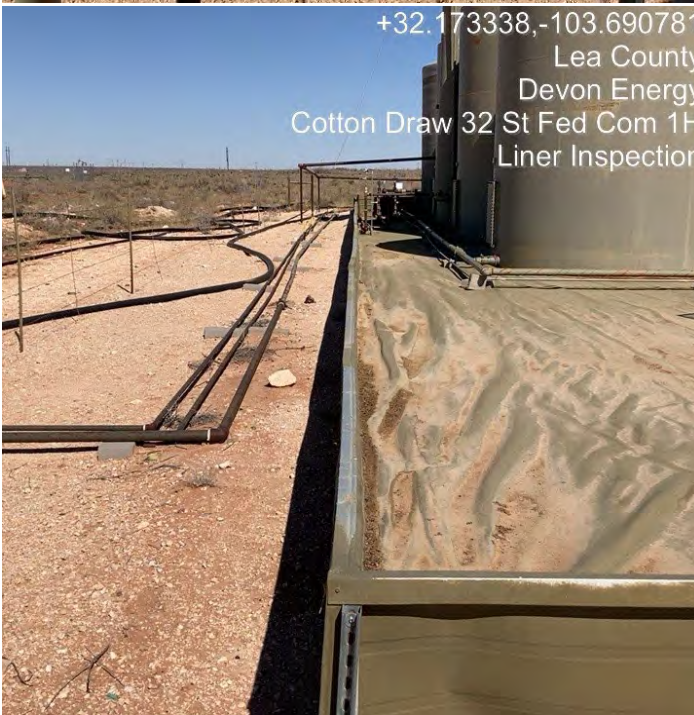
Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments: _____

Inspector Name: Ned Rogers Inspector Signature: Ned Rogers



SITE PHOTOGRAPHS
DEVON ENERGY – LINER INSPECTION
COTTON DRAW 32 ST FED COM #001H







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

Action 196471

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 196471
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved. Please note release occurred almost 9 years ago. Liner inspection and report should have occurred within 90 days of the date of the release.	3/16/2023