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	nAPP2107757650
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137	
Contact Name Dale Woodall	Contact Telephone 575-748-1838	
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD)	
Contact mailing address 6488 Seven Rivers Hwy Artesia NM 88210		

Location of Release Source

Latitude 32.105935Longitude -103.769615 (NAD 83 in decimal degrees to 5 decimal places)			
Site Name Lusitano 27 CTB 3	Site Type Oil		
Date Release Discovered 3/6/21	API# (if applicable)		
Linit Letter Section Township Range	County		

	101010100000000	mininp	runge	County
С	27	258	31E	Eddy

Surface Owner: 🗌 State 🛛 Federal 🗌 Tribal 🗌 Private (Name: _____

Nature and Volume of Release

Produced Water Volume Released (bbls) 17.58 Volume Recovered (Is the concentration of dissolved chloride in the produced water >10,000 mg/l? Yes No Condensate Volume Released (bbls) Volume Recovered (Natural Gas Volume Released (Mcf) Volume Recovered (
produced water >10,000 mg/l? Condensate Volume Released (bbls) Volume Recovered (41.0
× /	.1.1.)
Natural Car, Values Dalased O (s)	501S)
Vatural Gas Volume Released (Mcf) Volume Recovered (Mcf)
Other (describe) Volume/Weight Released (provide units) Volume/Weight Rec	overed (provide units
se of Release	

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Form C-141	State of New Mexico	Incident ID	nAPP2107757650
Page 2	Oil Conservation Division	District RP	11 11 1210/75/050
		Facility ID	
		Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC? Yes No If YES, was immediate n NOR was completed on t	If YES, for what reason(s) does the responsible party of the second seco	-	mail, etc)?
L	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 berns 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 <u>not</u> 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 remediated 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 cartian 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 containination that pose a threat to groundwater, surface water, human health or the environment. The acceptance of a C-141 report does not relieve the operator or classify the organized to report ador relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. Printed Name:	1		
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Signature: Date: email: Telephone: OCD Only Telephone:		regulations all operators are required to report and/or file certain release notifi public health or the environment. The acceptance of a C-141 report by the OC failed to adequately investigate and remediate contamination that pose a thread addition, OCD acceptance of a C-141 report does not relieve the operator of re-	cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have t to groundwater, surface water, human health or the environment. In
Signature: Date: email: Telephone: OCD Only Telephone:	ļ	Printed Name:	Title:
OCD Only			Date:
OCD Only		email:	Telephone:
	ļ		
Received by: Date:		OCD Only	
		Received by:	Date:

E. 0.141	Ct. t. CN. M.		
Form C-141	State of New Mexico	Incident ID	nAPP2107757650
Page 3	Oil Conservation Division	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>>150</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 🛛 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. 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.

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Form C-141	State of New Mexico			Incident ID nAPP2107757650		
Page 4	Oil Conservation Division	Oil Conservation Division		District RP	11.41.2101151050	
				Facility ID		
				Application ID		
regulations all operators a public health or the enviro failed to adequately invest	Voodall	tification OCD do reat to gr f respons _ Title: _ Date:	s and perform co es not relieve the oundwater, surfa ibility for compl	prective actions for rele e operator of liability sho ice water, human health liance with any other feo cal Professional	ases which may endanger ould their operations have or the environment. In	
OCD Only						
Received by:			Date:			

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAPP2107757650
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

Dependence 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 Signature: Dale Woodall	Title: Environmental Professional
Signature: Dale Woodall	Date:5-12-2022
email:dale.woodall@dvn.com	Telephone:575-748-1838
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:	Title:

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 875	05

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	nAPP2107757650
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production	OGRID ₆₁₃₇
Contact Name Wesley Mathews	Contact Telephone
Contact email Wesley.Mathews@dvn.com Incident # (assigned by OCD)	
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM	

Location of Release Source

Latitude 32.105935

Longitude -103.769615 (NAD 83 in decimal degrees to 5 decimal places)

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licable)

Unit Letter	Section	Township	Range	County
С	27	25S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Materia	al(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) 17.58 BBLS	Volume Recovered (bbls) 17.58 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 Gun	barrel released fluids into lined containmer	nt.	

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Form C-141 Page 2	State of New Mexico Oil Conservation Division	Incident ID District RP	nAPP2107757650
		Facility ID Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC? Yes No	If YES, for what reason(s) does the responsible par otice given to the OCD? By whom? To whom? Wh		
	once given to the OCD : Dy whom : To whom : Wh	en and by what means (phone, .	
	Initial Dosmans		

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 <u>not</u> 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.		
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Printed Name: Kendra DeHoyos EHS Associate		
Printed Name: Kendra DeHoyos EHS Associate Signature: Nendra DeHoyos Date: 3/18/2021		
email: Kendra.DeHoyos@dvn.com		
OCD Only		
Received by: Date:		

Spills In Line	d Containment
Measurements	Of Standing Fluid
Length(Ft)	70
Width(Ft)	50
Depth(in.)	0.5
Total Capacity without tank displacements (bbls)	25.97
No. of 500 bbl Tanks In Standing Fluid	6
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	17.58

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAPP2107757650
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

Dependence 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: Environmental Professional
Signature: Dale Woodall	Date:5-12-2022
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	
Received by: <u>Robert Hamlet</u>	Date: <u>6/28/2022</u>
11 2 1 2	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: 6/28/2022
Printed Name: <u>Robert Hamlet</u>	Title: Environmental Specialist - Advanced



New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1625 French Drive Hobbs, NM 88240

Re: Site Assessment and Closure Report Lusitano 27 CTB 3 GPS: Latitude: 32.105935 Longitude: -103.769615 Legas: UL "C", Sec. 27, T25S, R31E Eddy County, New Mexico NMOCD Ref. No.

Caprock Services, LLC (Caprock), on behalf of Devon Energy, has prepared this Site Assessment and Closure Report for the Release Site known as the Cotton Draw 22 Treatment Facility. Details of the release are summarized on the table below:

Nature and Volume of Release								
Date Release Discovered	3/6/2021	Source of Release	Tank Battery					
Turne of Polosso	Produced Water	Volume Released (bbls)	17.58					
Type of Release	Produced water	Volume Recovered (bbls)	17.58					
Cause of Release								
Gun barrel released fluids int	o line containment.							
Affected Area The release occurred in a line	ed containment. All fluid was recove	ered from lined containment.						
Was this a major release?	If YES, for what reasons (s) is th	is considered a major release?						
no	no							
If Yes, was immediate notice	given to the OCD? By whom? To v	whom? When and by what means?						
Not Available, Not Available,	Not Available, Not Available							

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #6.

Incident ID	nAPP2107757650
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization				
What is the shallowest depth to groundwater beneath the area affected by the release?	>150'			
Did this release impact groundwater or surface water?	No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	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)?	No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	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?	No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	No			
Are the lateral extents of the release within 300 feet of a wetland?	No			
Are the lateral extents of the release overlying a subsurface mine?	No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	No			
Are the lateral extents of the release within a 100-year floodplain?	No			
Did the release impact areas not on an exploration, development, production or storage site?	no			

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey was conducted in an effort to determine the average depth to groundwater within a 1 Mile radius of the Site and identify any registered water wells within a 1/2 Mile radius of the Site. A search of the NMOSE databasedid not identify any water wells within a 1/2 mile radius. A search of the USGS database did not identify any water wells within a 1/2 mile radius. A search of the USGS database did not identify any water wells within a 1/2 Mile radius. A search of the USGS database identified 1 well within a one mile radius(320643103465002). A further search of the USGS database identified 2 water wells outside a 1 mile radius.

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release						
Benzene 10 mg/kg						
Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)	50 mg/kg					
Total Petroleum Hydrocarbons	2500 mg/kg					
Combined GRO and DRO	1000 mg/kg					
Chloride	20000 mg/kg					

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #5.

Incident ID	nAPP2107757650
District RP	
Facility ID	
Application ID	

INITIAL SITE ASSESSMENT

On **April 28, 2022**, Caprock Services LLC, mobilized to the Lusitano 27 CTB 3 Upon arrival at the location Caprock Services LLC, determined a liner integrity inspection must be conducted as per 19.15.29.11.A(5) NMAC. No Standing fluid was observed in containment. An inspection of the facility showed no release of fluid from containment onto well pad or off well pad. On **April 29, 2022** Caprock Services LLC, provided 48 hour notice of liner inspection via email to the NMOCD.

On May 4, 2022, Caprock Services LLC, conducted a liner integrity inspection. Upon inspection Caprock found the liner appeared to be intact and had the ability to contain the release in question.

REMEDIATION ACTIVITIES SUMMARY

Caprock Services LLC, Completed a liner integrity inspection per requirements of 19.15.29.11.A(5)(a) NMAC. NMOCD was notified on April 29, 2022 that the liner inspection was to occur, the inspection was conducted on May 04, 2022. After a thorough inspection of the liner within the tank battery containment, the liner appeared to be intact and had the ability to contain the release in question. The location from which the release occurred was identified, and Caprock verified that the release did not occur outside of the lined containment.

CLOSURE REQUEST

Based on field activities to date and conditions of the site, Caprock recomends Devon Energy provide a copy of this Remediation Summary and Closure Report to the NMCOD and request clousure be granted to the Lusitano 27 CTB 3.

Incident ID	nAPP2107757650
District RP	
Facility ID	
Application ID	

If you have any questions, or need any additional information please feel free to contact Matt Taylor by phone or email.

Respectfully, Matt Taylor Environmental Professional Caprock Services LLC, 575-408-3638

Attachments:	Attachment #1	Figure #1 - Topographic Map
	Attachment #2	Figure #2 - Aerial Map
	Attachment #3	Figure #3 - Site Map
	Attachment #4	Depth to Ground Water
	Attachment #5	Photographic Log
	Attachment #6	Release Notification (C-141)
	Attachment #7	Liner Inspection Form
	Attachment #8	NMOCD Correspondence

Limitaions

This document has been prepared on behalf of Devon Energy. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of Caprock Services LLC, and/or Devon Energy is prohibited.

This document has been prepared in a professional manner, using the degree of skill and care exercised by similar environmental professionals. Caprock Services LLC, notes that the facts and conditions referenced in ths document may change over time and that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this document was prepared.

Caprock Services LLC, has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended.

Received by OCD: 5/18/2022 9:26:16 AM



LEGEND:	Figure 1	
	Topographic Map	Caprock
Site Location	Devon Energy	
	Luisitano 27 CTB 3	T S TF
	GPS: 32.105935, -103.769615	Services
	EddyCounty, New Mexico	Drafted by: MST Checked by: client Date: 5/10/2022

Received by OCD: 5/18/2022 9:26:16 AM

Services

Date: 5/10/2022

Checked by: client

Drafted by: MST



GPS: 32.105935, -103.769615 EddyCounty, New Mexico

Released to Imaging: 6/28/2022 2:47:15 PM

High/Critical Karst



LEGEND:	Figure 3		Caprock		
Sample Location	Site & Sample Location Map				
Affected Area	Devon Energy		X		
	Lusitano 27 CTB 3		TS TR		
	GPS: 32.105935, -103.769615		Services		
	EddyCounty, New Mexico	Drafted by: MST	Checked by: client	Date:	5/10/2022

Received by OCD: 5/18/2022 9:26:16 AM





USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico

Latitude 32°04'24", Longitude 103°41'54" NAD27 Land-surface elevation 3,294 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer.

 $\dot{\rm This}$ well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats					
Table of data					
<u>Tab-separated data</u>					
Graph of data					
Reselect period					

Date \$	Time \$	Ø Water- level ↓ date- time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical datum	Ø Status	Ø Method of measurement	<pre> @ Measuring \$ agency </pre>	Source of the measurement	♥ Water- level ≎ approval status
1983-01-26		D	62610		3002.25	NGVD29	1	Z			A
1983-01-26		D	62611		3003.88	NAVD88	1	Z			A
1983-01-26		D	72019	290.12			1	Z			A
1983-02-14		D	62610		3002.95	NGVD29	1	Z			A
1983-02-14		D	62611		3004.58	NAVD88	1	Z			A
1983-02-14		D	72019	289.42			1	Z			A
1987-10-21		D	62610		3002.47	NGVD29	1	Z			A
1987-10-21		D	62611		3004.10	NAVD88	1	Z			A
1987-10-21		D	72019	289.90			1	Z			A

Section	Code 🗘	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication Processing and review completed.

USGS 320643103465002 25S.31E.21.413314A

Eddy County, New Mexico Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83 Land-surface elevation 3,374.00 feet above NGVD29 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.

Output formats					
able of data					
<u>ab-separated data</u>					
<u>Graph of data</u>					
Reselect period					

Date \$	Time \$	♥ Water- level date- time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above \$ specific vertical datum	Referenced vertical \$ datum	♀ Status	 Ø Method of measurement 	❷ Measuring ↓ agency	Ø Source of measurement	Ø Water- level approval status
1959-02-17		D	62610		3055.98	NGVD29	P	Z			A
1959-02-17		D	62611		3057.66	NAVD88	P	Z			A
1959-02-17		D	72019	318.02			P	Z			A
2013-01-17	19:40 UTC	m	62610			NGVD29	D	S	USGS	S	A
2013-01-17	19:40 UTC	m	62611			NAVD88	D	S	USGS	S	A
2013-01-17	19:40 UTC	m	72019				D	S	USGS	S	A

Explanation					
Section \$	Code \$	Description			
Water-level date-time accuracy	D	Date is accurate to the Day			
Water-level date-time accuracy	m	Date is accurate to the Minute			
Parameter code	62610	Groundwater level above NGVD 1929, feet			
Parameter code	62611	Groundwater level above NAVD 1988, feet			
Parameter code	72019	Depth to water level, feet below land surface			
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988			
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929			
Status	D	Dry			
Status	Р	Pumping			
Method of measurement	S	Steel-tape measurement.			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Measuring agency	USGS	U.S. Geological Survey			
Source of measurement		Not determined			
Source of measurement	S	Measured by personnel of reporting agency.			
Water-level approval status	А	Approved for publication Processing and review completed.			

aquifer.

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico Latitude 32°03'30", Longitude 103°46'24" NAD27 Land-surface elevation 3,251 feet above NAVD88 The depth of the well is 380 feet below land surface. This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local

 Output formats

 Table of data
 Image: Colspan="2">Table of data

 Graph of data
 Image: Colspan="2">Reselect period

Water ? Water level, ? level, Water feet Referenced Water-? ? ? level feet ? Date \$ vertical Ŷ Ŷ Time \$ Ŷ Parameter \$ Ŷ above \$ Ŷ Method of 🛛 🗘 Measuring \$ Ŷ Source of level datebelow Status specific code datum measurement agency measurement approval time land vertical status surface accuracy datum 62610 2972.78 NGVD29 1983-02-16 D 7 1983-02-16 D 62611 2974.42 NAVD88 1 Ζ A 1983-02-16 D 72019 276.58 Ζ 2972.14 NGVD29 Ζ 1987-10-21 D 62610 1 Α 2973.78 NAVD88 1987-10-21 D 62611 Z 1987-10-21 D 277.22 Ζ 72019 1 Α 0 1992-11-05 D 62610 2973.40 NGVD29 p Δ 1992-11-05 D 62611 2975.04 NAVD88 Ρ 0 Α 1992-11-05 275.96 0 D 72019 A S 1998-01-29 D 62610 2973.87 NGVD29 1 Α NAVD88 S 1998-01-29 D 62611 2975.51 1 А 1998-01-29 D 72019 275.49 1 S Α

Section \$	Code \$	Description 🗘
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	0	Observed.
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Fundamentan.



Figure 1 View from west side of tank battery looking north.



Figure 2 View looking north at center of tank battery.

PHOTOGRAPHIC LOG



Figure 3 View looking north from east side of tank battery.



Figure 4 View looking west at east side of tank battery.

PHOTOGRAPHIC LOG



Figure 5 View looking south on west side of tank battery.



Figure 6 View looking south at center of tank battery.

PHOTOGRAPHIC LOG



Figure 7 View looking south on east side of tank battery.

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	nAPP2107757650
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia NM 88210	

Location of Release Source

Latitude 32.105935 Longitude -103.769615 (NAD 83 in decimal degrees to 5 decimal places)					
Site Name Lusitano 27 CTB 3	Site Type Oil				
Date Release Discovered 3/6/21	API# (if applicable)				
Init I stress Continue Transmittic Design	Countr				

Unit Letter	Section	Township	Range	County
C	27	258	31E	Eddy

Surface Owner: 🗌 State 🛛 Federal 🗌 Tribal 🗌 Private (Name: _____

Nature and Volume of Release

V 1 D 1 1 (111) 17 50	
Volume Released (bbls) 17.58	Volume Recovered (bbls) 17.58
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
-	produced water >10,000 mg/l? Volume Released (bbls) Volume Released (Mcf)

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Form C-141 Page 2	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID	nAPP2107757650
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party co	nsider this a major release?	
NOR was completed on t	totice given to the OCD? By whom? To whom? When an he OCD website Initial Response party must undertake the following actions immediately unless they coul		

\square 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 d	ikes, absorbent pads, or other containment devices.	
All free liquids and recoverable materials have been removed and	d managed appropriately.	
If all the actions described above have not been undertaken, explain w	why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence rehas begun, please attach a narrative of actions to date. If remedial within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), p	efforts have been successfully completed or if the release occurred	
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:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

Form C-141	State of New Mexico		
Form C-141		Incident ID	nAPP2107757650
Page 3	Oil Conservation Division	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>>150</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 🛛 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.
- 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
- Defining of electrication logic
 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.

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Form C-141	State of New Mexico		Incident ID	nAPP2107757650
Page 4	Oil Conservation Division		District RP	In HT BTO 7757000
			Facility ID	
			Application ID	
regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: <u>Dale Wo</u> Signature: <u>Dale Wo</u> email: <u>dale.woodall@</u>	loodall	ifications and perform co DCD does not relieve the eat to groundwater, surfa	prrective actions for relea e operator of liability sho ce water, human health liance with any other fect al Professional	ases which may endanger ould their operations have or the environment. In
OCD Only Received by:		Date:		

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAPP2107757650
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

Dependence 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 Signature: <i>Dale Woodall</i>	Title: Environmental Professional
Signature: Dale Woodall	Date:5-12-2022
email:dale.woodall@dvn.com	Telephone:575-748-1838
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 for regulations.
Closure Approved by:	Date:
Printed Name:	Title:

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	nAPP2107757650
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production	OGRID ₆₁₃₇	
Contact Name Wesley Mathews	Contact Telephone	
Contact email Wesley.Mathews@dvn.com	Incident # (assigned by OCD)	
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM		

Location of Release Source

Latitude 32.105935

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lusitano 27 CTB 3	Site Type Oil
Date Release Discovered 3/06/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
С	27	25S	31E	Eddy

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

Materi	ial(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) 17.58 BBLS	Volume Recovered (bbls) 17.58 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 Gun	barrel released fluids into lined containme	nt.

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Form C-141 Page 2	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID	nAPP2107757650			
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 notice 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 <u>not</u> 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: Kendra DeHoyos	Title: EHS Associate			
Signature: Kendra DeHoyos	Date: 3/18/2021			
_{email:} Kendra.DeHoyos@dvn.com	Telephone: 575-748-0167			
OCD Only				
Received by:	Date:			

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Spills In Line	d Containment
Measurements	Of Standing Fluid
Length(Ft)	70
Width(Ft)	50
Depth(in.)	0.5
Total Capacity without tank displacements (bbls)	25.97
No. of 500 bbl Tanks In Standing Fluid	6
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	17.58

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Caprock Services, LLC



P.O Box 457 Lovington NM 88260 NM LIC# 402993 (575)704-2718

Liner Inspection Form				
Project Name <u>Lusitano 27 CTB 3</u> Inspection date <u>5/4/22</u>				
Client Name _ <u>Devon Energy</u>				
Client Representative Dale Woodall				
Inspector <u>Matt Taylor</u>				
Project Location Eddy County NM GPS_32.106037, -103.7694	<u>29</u>			
Inspection Parameters as Outlined in 19.15.29.11.A(5) NMAC				
Prior To Inspection				
Two (2) Business Day Notification of Inspection to Appropriate Division Office	Y/N <u>Y</u>			
Date of Notice <u>4/29/22</u>				
Material Covering Liner Removed By Client	Y/N_ <u>N/A</u> _			
Affected Area Exposed by Client	Y/N <u>Y</u>			
Inspection				
Liner Thoroughly Inspected	Y/N <u>Y</u>			
All Damaged Areas Observed Marked in White Paint on Liner				
To Be Completed by Client Representative:				
Can Responsible Party Demonstrate:				
Liner Integrity was Maintained	Y/N <u>Y</u>			
Release Was Contained to Lined Containment Area	Y/N <u>Y</u>			
Liner Was Able to Contain the Leak	Y/N <u>Y</u>			

Caprock Services, LLC



P.O Box 457 Lovington NM 88260 NM LIC# 402993 (575)704-2718

If YES:

Certify on Form C-141 That Liner Remains Intact

If **NO** to Any of Above:

Responsible Party Must Delineate Horizontal and Vertical Extent

Depending on Release:

See Table 1 19.15.29.12 NMAC

See Subparagraph (E) Paragraph (5) of Subsection 19.15.29.11 NMAC

Additional Comments:

Inspector Signature

Client Representative

Matt Taylor

Dale Woodall

Date___<u>5/4/22</u>_____

Date_____

Liner Inspection Inbox ×

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Matt Taylor <matt.caprockservices@gmail.com> to mike.bratcher • Fri, Apr 29, 10:48 AM (13 days ago) 🛛 🛧 🐁 🚦

Good morning Mr Bratcher,

4

On behalf of Devon Energy, Caprock Services LLC, is giving the required 48 hr notice of a visual liner inspection for the Lusitano 27 CTB. 2 spills have occurred at this site. Incident ID for both spills will be listed below. Caprock Services would like to inspect the liner on May 3, 2022.

nAPP2102651517 nAPP2109857614

GPS 32.106037, -103.769429

Matt Taylor Operations Manager (575)408-3638 Caprock Services, LLC. PO Box 457 Lovington, NM 88260

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

Page 36 of 36

Action 108088

Condition Date

CONDITIONS

Operator:		OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	108088
		Action Type:
		[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAPP2107757650 LUSITANO 27 CTB 3, thank you. This closure is approved. Report and 6/28/2022 rhamlet incident seem to be identical to #NAPP2109857614.