

Location:	Big Eddy Unit 156 (fAPP2126343561)	
Spill Date:	1/27/2025	
OCD #	nAPP2502933648	
Lined Containment		
Approximate Area =	2000.00	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor =	n/a	
VOLUME OF LEAK		
Total Condensate =	7.30	bbls
Total Produced Water =	n/a	bbls
TOTAL VOLUME OF LEAK		
Total Condensate =	7.30	bbls
Total Produced Water =	n/a	bbls
TOTAL VOLUME RECOVERED		
Total Condensate=	7.00	bbls
Total Produced Water =	n/a	bbls



2/24/2025

New Mexico Oil Conservation Division
1220 South St. Francis Street
Santa Fe, NM 87505

RE: Liner Inspection and Closure Request
Compressor Big Eddy 156 CDP
Spill incident number nAPP2502933648
Eddy County, New Mexico

Site Information

The Compressor Big Eddy 156 CDP is located approximately 9.5 miles east of Carlsbad, NM. The location is in Unit A, Section 11, Township 22S, Range 28E, in Eddy County, NM, Latitude 32.412389237/Longitude -104.0647005. A site characterization summary prepared by Ensolum Environmental Engineering and Hydrogeological Consultants, LLC (Ensolum), is attached. The summary includes a site map, depth to water summary, and other relevant data.

On January 27, 2025, a seven (7) barrel (bbls) produced water spill was found in a lined containment at the Compressor Big Eddy 156 CDP. 7 barrels were recovered from the containment. A 48-hour advance notice of the liner inspection was submitted on (February 12, 2025, NM OCD (application ID 431272). After the lined containment had been power washed and cleaned of debris, the lined containment was inspected by XTO personnel on February 14, 2025. The liner was free from rips, tears, or holes. No damage to the liner was observed. Photographic documentation of the inspection is attached. Based on the inspection results, XTO respectfully requests closure for OCD incident number (nAPP2502933648).

If you have any questions, please reach out to me at 575-988-4374.

R. Dale Woodall
Environmental Advisor

ExxonMobil Upstream Company
3104 E. Greene Street
Carlsbad, New Mexico 88220
Cell Phone: 575-988-4374
Email: Robert.D.Woodall@exxonmobil.com

cc: XTO file
Kaylan Dirkx, XTO

An ExxonMobil Subsidiary

Photographic Log



Photo Date	2/14/2025	Direction Facing	north
Description	Photo of location sign		

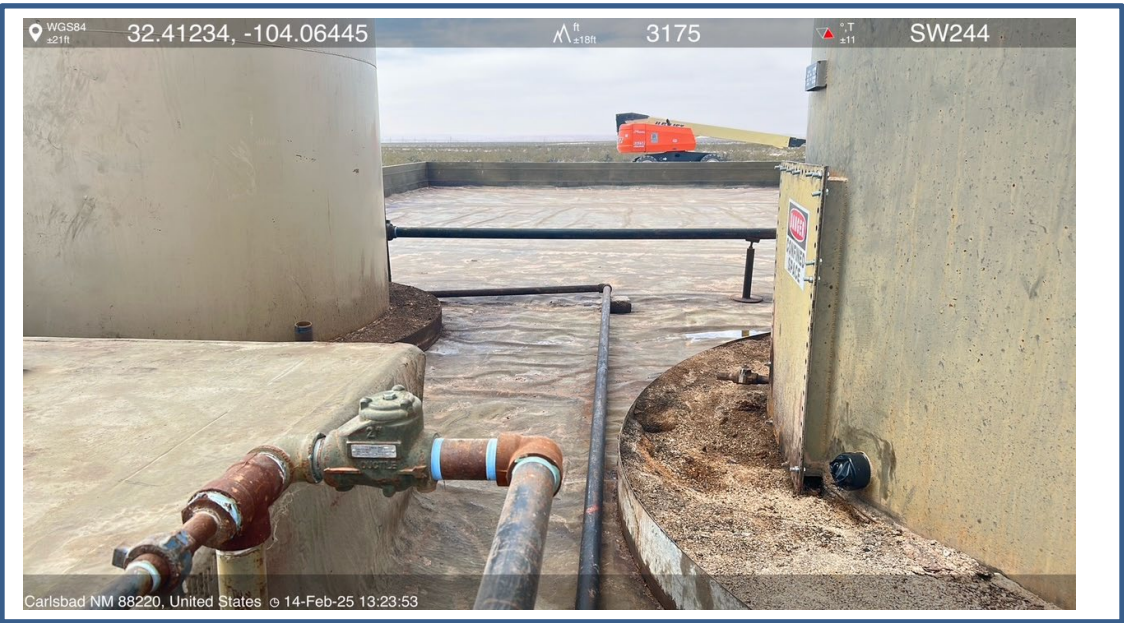


Photo Date	2/14/2025	Direction Facing	southwest
Description	Looking west into the containment		

Photographic Log (continued)



Photo Date	2/14/2025	Direction Facing	south	Photo 1
Description	Facing south along the eastern wall of the containment			



Photo Date	2/14/2025	Direction Facing	east	Photo 2
Description	Facing east along the east wall of the containment. Previous patch (circled) was free from holes, rips or tears.			

Photographic Log (continued)



Photo Date	2/14/2025	Direction Facing	southeast	Photo 3
Description	Facing east along the western wall of the containment			



Photo Date	2/14/2025	Direction Facing	east	Photo 4
Description	Facing east along the west wall of the containment			

Photographic Log (continued)



Photo Date	2/14/2025	Direction Facing	west	Photo 5
Description	Facing west along the west wall of the containment			

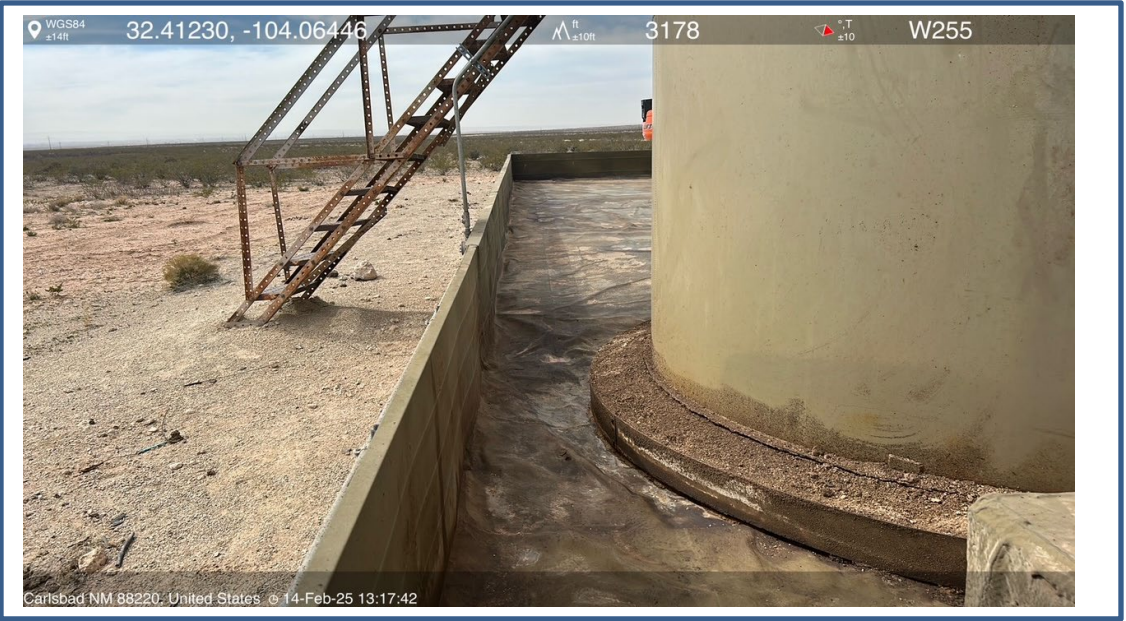


Photo Date	2/14/2025	Direction Facing	west	Photo 6
Description	Facing west along the south wall of the containment			

Photographic Log (continued)



Photo Date	2/14/2025	Direction Facing	southwest	Photo 7
Description	Facing west along the west wall of the containment. The “flap” is extra liner fabric glued to the containment wall. It is not a tear, rip or hole.			



Photo Date	2/14/2025	Direction Facing	south	Photo 8
Description	Facing south looking into the containment			

Woodall, Robert D

From: OCDOnline@state.nm.us
Sent: Wednesday, February 12, 2025 12:37 PM
To: Woodall, Robert D
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 431272

External Email - Think Before You Click

To whom it may concern (c/o Robert Woodall for XTO ENERGY, INC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2502933648.

The liner inspection is expected to take place:

When: 02/14/2025 @ 12:30

Where: A-11-22S-28E 0 FNL 0 FEL (32.412389237,-104.0647005)

Additional Information: dale woodall exxonmobil 575-988-4374

Additional Instructions: 32.412295 -104.064621

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Ensolum Site Characterization Summary



New Mexico Site Characterization

REFERENCE

C-141
C-141
C-141
C-141
NMOCD O&G Map

SITE INFORMATION

Site Name:	Compressor Big Eddy 156 CDP
Coordinates:	32.412389237, -104.0647005
Incident Number:	nAPP2502933648
Land Owner:	Federal
Site Elevation (ft):	3,157

Completed by:

Kim Thomason

DTW INFORMATION

Closest Water Well/Soil Boring		2nd Closest Water Well/Soil Boring	
CLOSER		FALSE	
Name:	C-03533 - POD 3	Name:	C-03533 - POD 1
Distance from Site (ft):	2,248	Distance from Site (ft):	2,280
Direction from Site:	Northwest	Direction from Site:	Northwest
Elevation:	3,156	Elevation:	3,136
DTW (ft):	55	DTW (ft):	55
Total Depth (ft):	55	Total Depth (ft):	55
Date of most recent water level measurement:	1/12/2012	Date of most recent water level measurement:	1/12/2012
Coordinates:	32.415850, -104.070810	Coordinates:	32.416060, -104.070730
1 feet lower in elevation than the Site		21 feet lower in elevation than the Site	
ESTIMATED DTW @ SITE: 50-100'			

COMMENTS

Cross reference USGS Map, NMOCD Map, and NMOSE Database

NMOCD O&G Map

CLOSEST SIGNIFICANT WATER SOURCE

Type:	Dry Seasonal Wash
Distance (ft):	2,576
Direction:	West

SITE RECEPTORS

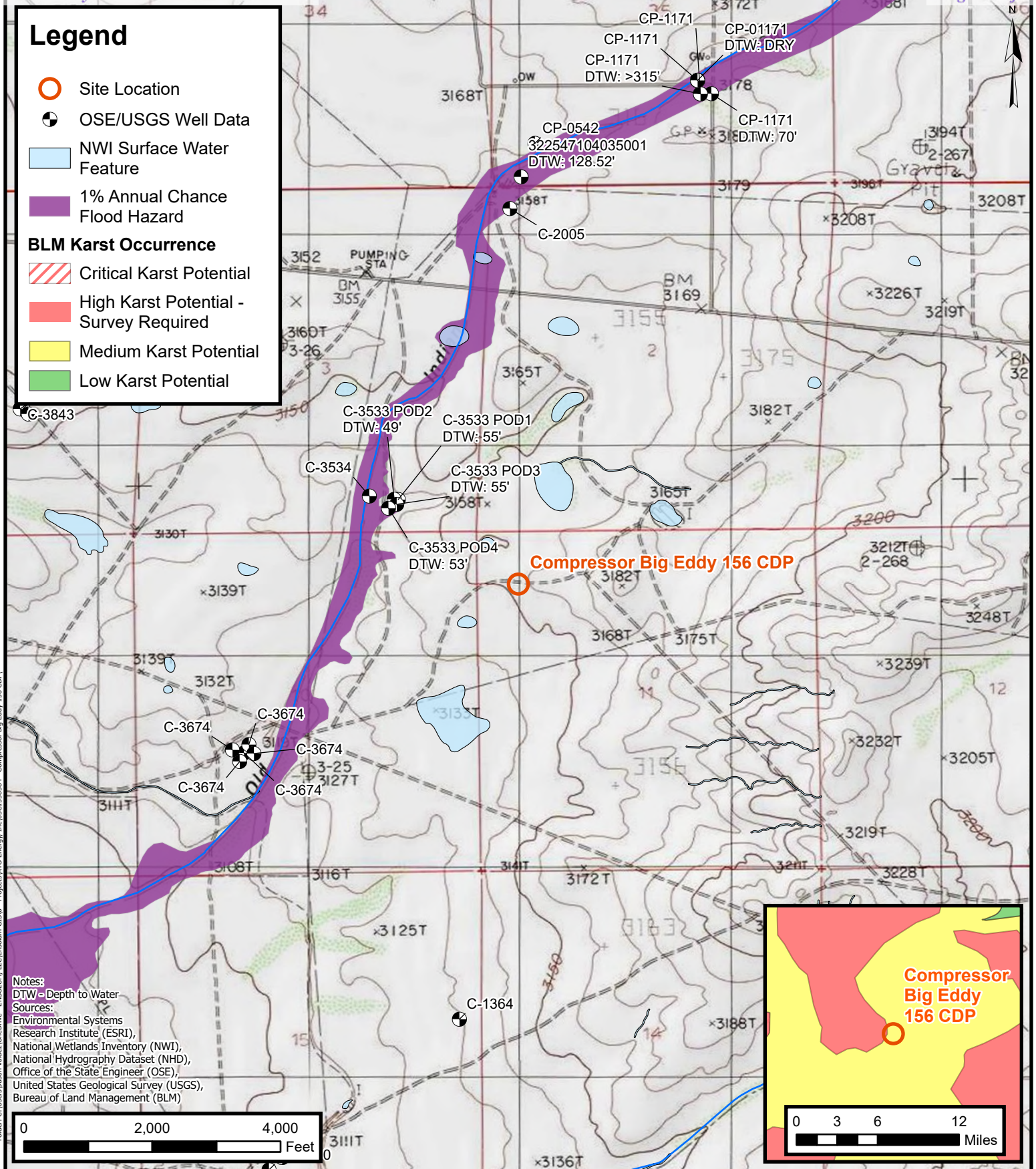
NO	Did this release impact groundwater or surface water?
NO	≤ 300 ft of a continuously flowing watercourse or any other significant watercourse?
NO	≤ 200 ft of any lakebed, sinkhole, or playa lake?
NO	≤ 300 ft of an occupied permanent residence, school, hospital, institution, or church?
NO	≤ 500 ft of a spring or a private water well used by < 5 houses for domestic or stock watering?
NO	≤ 1000 ft of any other fresh water well or spring?
NO	≤ Municipal boundaries or a defined municipal fresh water well field
NO	≤ 300 ft of a wetland?
NO	overlying a subsurface mine
YES	overlying unstable geology (MEDIUM KARST)?
Medium	karst potential
NO	in a 100-year floodplain?
NO	Did the release impact areas not on an exploration, development, production or storage site?

Distance (ft) / Direction & Comments

2,576	West	Between 1000 ft and 1/2 mi
5,447	Northeast	Between 1 and 5 mi
9,693	Southwest	Between 1 and 5 mi
5,827	Northeast	Between 1 and 5 mi
9,693	Southwest	Between 1 and 5 mi
28,680	Northwest	Greater than 5 mi
731	North	Between 500 and 1000 ft
38,579	East	Greater than 5 mi
0		Zero feet overlying or within area
1,955	West	Between 1000 ft and 1/2 mi

NMOCD TABLE 1 CLOSURE CRITERIA

TPH: 100 mg/kg Chlorides: 600 mg/kg



ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

Site Receptor Map
XTO Energy, Inc.
Compressor Big Eddy 156 CDP
Incident Number: nAPP2502933648
Unit D, Section 11, T 22S, R 28E
Eddy County, New Mexico

FIGURE
1

Legend Lined Containment Area**Site Map**

XTO Energy, Inc.
Compressor Big Eddy 156 CDP
Incident Number: nAPP2502933648
Unit D, Section 11, T 22S, R 28E
Eddy County, New Mexico

FIGURE
2

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 434734

QUESTIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 434734
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502933648
Incident Name	NAPP2502933648 COMPRESSOR BIG EDDY 156 CDP @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2126343561] BIG EDDY UNIT 156

Location of Release Source

Please answer all the questions in this group.

Site Name	COMPRESSOR BIG EDDY 156 CDP
Date Release Discovered	01/27/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Normal Operations Tank (Any) Condensate Released: 7 BBL Recovered: 7 BBL Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 434734

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 02/24/2025
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QUESTIONS, Page 3

Action 434734

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 434734
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/14/2025
On what date will (or did) the final sampling or liner inspection occur	02/14/2025
On what date will (or was) the remediation complete(d)	02/14/2025
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 434734

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 434734
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 02/24/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 6

Action 434734

QUESTIONS (continued)

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 434734
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	431272
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	02/14/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	2100

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	After the lined containment had been power washed and cleaned of debris, the lined containment was inspected by XTO personnel on February 14, 2025. The liner was free from rips, tears, or holes. No damage to the liner was observed.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Robert Woodall Title: Environmental Analyst Email: robert.d.woodall@exxonmobil.com Date: 02/24/2025
--	--

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CONDITIONS

Action 434734

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 434734
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Liner report approved. Note that for future releases at this site, the minimum distance to the following should be updated under the Site Characterization portion of the C-141 application: any lakebed, sinkhole, or playa lake (500-1000 ft to northwest).	3/5/2025