

**From:** [Hall, Brittany, EMNRD](#)  
**To:** "Tacoma Morrissey"  
**Cc:** [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#); [robert.d.woodall@exxonmobil.com](mailto:robert.d.woodall@exxonmobil.com); [richard.kotzur@exxonmobil.com](mailto:richard.kotzur@exxonmobil.com); [Josh Boxley](#)  
**Subject:** RE: [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 537895  
**Date:** Wednesday, June 17, 2026 2:05:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

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Tacoma,

The sampling plan and variance request are approved with the following conditions:

- Samples collected from the boreholes must be sent to an approved laboratory under strict chain-of-custody procedures for analysis of contaminants of concern (COC) at all intervals, including surface, 1ft, 2 ft, 3 ft, and 4ft.
- If contamination is found above the applicable site closure criteria, the contamination must be delineated vertically and horizontally pursuant to 19.15.29.11 NMAC.
- If wet or discolored areas are identified during sampling, a grab samples must be collected and analyzed for the constituents listed in Table I of 19.15.29.12 NMAC.
- The operator must submit a C-141N two business days prior to conducting final sampling.
- A remediation plan and/or remediation closure report must be submitted by August 7, 2026.

The acceptance of this alternative sampling plan 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; or if the location fails to revegetate properly. In addition, OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. If the applicable land managing agency does not agree and requires a more stringent sampling plan, the more stringent requirements must be met regardless of OCD's approval.

A copy of this email correspondence including the attachments has been uploaded to the incident file.

Thank you,

**Brittany Hall** ● Environmental Field Compliance Supervisor  
Environmental Field Compliance Group  
EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
505.517.5333 | [Brittany.Hall@emnrd.nm.gov](mailto:Brittany.Hall@emnrd.nm.gov)

<http://www.emnrd.nm.gov/ocd/>

**Effective 12/1/2024:** OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

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**From:** Tacoma Morrissey <tmorrissey@ensolum.com>  
**Sent:** Friday, June 12, 2026 12:48 PM  
**To:** Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; robert.d.woodall@exxonmobil.com; richard.kotzur@exxonmobil.com; Josh Boxley <jboxley@ensolum.com>  
**Subject:** Re: [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 537895

Hi Brittany and team,

Below is an updated *Sampling Plan*, including variance request, to address comments provided regarding the previous Sampling plan for Big Eddy Unit #156 (Site; Incident Number nAB1817134432)

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Sampling Plan*, in accordance with direction from the NMOCD, to propose delineation and soil sampling activities following a release of produced water and previous remediation activities at the Site. The sampling plan proposes delineation soil sample locations and requests a variance to utilize those samples as confirmation soil samples. The attached appendices provide supporting documents discussed below for your reference.

The Site is located in Unit D, Section 11, Township 22 South, Range 28 East, in Eddy County, New Mexico (32.4129562°, -104.0640182°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On June 8, 2018, a production tank overflowed during pigging operations resulting in the release of approximately 18 barrels (bbls) of produced water into a steel walled lined containment. Approximately 4 bbls overflowed onto the surface of the pad, north of the lined containment and onto the previously disturbed area west and south of the lined containment. A vacuum truck was dispatched to the Site to recover free-standing fluid; approximately 14 bbls of produced water were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141) on June 12, 2018, and was assigned Remediation Permit (RP) Number 2RP-4809 and Incident Number nAB1817134432.

The release was included in the Compliance Agreement for Remediation for Historical Releases (Compliance Agreement) between XTO and the NMOCD effective November 13, 2018. The purpose of the Compliance Agreement was to ensure that reportable releases that occurred prior to August 14, 2018, where XTO is responsible for the corrective action, comply with Title 19, Chapter 15, Part

29 (19.15.29) of the New Mexico Administrative Code (NMAC) as amended on August 14, 2018.

Excavation of impacted soil was completed in 2018. A *Closure Request* was submitted by LT Environmental, Inc (LTE) on October 5, 2018, via email, however, there is no documentation on the NMOCD web portal. On December 26, 2025, though no additional remediation activities were completed, an updated *Closure Request* was submitted to the NMOCD via the NMOCD online portal to ensure compliance with the December 1, 2023, *Public Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions*; the report detailed the remediation completed to date and requested closure for Incident Number nAB1817134432.

On February 5, 2026, the NMOCD denied the *Closure Request* for the following reasons:

*Remediation closure denied for the following reasons:*

*1) In the C-141 application, to the question, "What was the total surface area (in square feet) remediated," was answered "4910". Per 19.15.29.12.D NMAC, 25 confirmation samples should have been collected from the base of the excavation. More samples are required to be collected to confirm there are no remaining impacts. A sampling plan should be submitted to the reviewer via email for approval prior to collection.*

*2) In the C-141 application, to the question, "What was the total volume (cubic yards) remediated," was answered "4910". Provide waste disposal manifests.*

*3) Pursuant to 19.15.29.12.E NMAC, photographs of the remediated site prior to backfill are required in the final report. These are missing. Submit an updated remediation closure request to the OCD by 5/6/2026.*

This *Sampling Plan* is intended to address the requirement that more soil samples be collected to confirm the absence of impacts, and to fulfill the request that a sampling plan be submitted for approval before sample collection.

In the *Closure Request* the total volume of soil remediated is reported to be 272 cubic yards, and the total surface area remediated is reported to be 4,910 square feet. The C-141 application answer referenced in the denial which stated that the total volume of remediated soil was 4,910 cubic yards was a clerical error, wherein the square footage of the total surface area remediated was erroneously entered into the total volume remediated field. The answer recorded on the referenced C-141 application question is incorrect. The correct value of the total volume remediated, 272 cubic yards, is reported in the *Closure Request* associated with that same C-141 application. The *Closure Request* does not describe the method used to estimate the total volume of soil remediated. This volume may be estimated given the excavation extent area and average excavation depth:

Upon request, the waste disposal facility, Lea Land Landfill located in Eunice, New Mexico, provided waste manifests accounting for approximately 282 tons of impacted soil removed during 2018 remediation activities at the Site. Waste disposal manifests are presented in Appendix A.

Photographs collected by LTE of the remediated Site after excavation and prior to backfill are not available. Re-excavation of the remediated Site would require deconstruction of a lined containment housing active production equipment. Between July 31, 2018 and December 29, 2019, historical satellite imagery shows that the excavation was backfilled and the lined containment east of the excavation extent was expanded westward. The lined containment is currently installed over the backfilled excavation and occupies approximately 1,610 square feet of surface area overlapping the

historic excavation extent. The current extent of the expanded lined containment on top of the backfilled excavation is presented on Figure 3, and a photographic log is included in Appendix C.

The Site was characterized to determine the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 322547104035001, located approximately 1.16 miles north of the Site. On January 27, 1998, the groundwater well had a reported depth to groundwater of 128.52 feet bgs; the depth of the well was not determined. The Well Record is presented in Appendix B.

The closest surface water to the Site is a seasonal Playa Lake located 2,074 feet to the east. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by potentially unstable geology (medium potential karst designation area). Potential Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, and the NMOCD's preference for groundwater data within half a mile of the Site and within 25 years, the following NMOCD Table I Closure Criteria (Closure Criteria) were applied:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

XTO is proposing to advance 8 delineation boreholes (BH01 through BH08) to a minimum terminal depth of 4 feet bgs to confirm the presence or absence of impacted soil and assess the success of the remediation activities described in the *Closure Request* submitted on October 5, 2018 and resubmitted on the NMOCD web portal December 26, 2025. Delineation borehole BH08 will be located within the lined containment to confirm the presence or absence of impacted soil beneath the containment. Discrete soil samples will be collected in each borehole at ground surface, 1 foot bgs, and at each foot until the terminal depth of the borehole is achieved. Additionally, XTO is proposing 7 lateral delineation samples (SS08 through SS14) collected at ground surface to confirm the lateral extent of the release. The soil samples will be field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. At a minimum the highest screening soil sample and deepest soil sample will be submitted from each borehole location in accordance with to an approved laboratory under strict chain-of-custody procedures for analysis of contaminants of concern (COC) in accordance with the Site Closure Criteria.

With this proposed sampling plan, XTO is submitting a written request for a variance from 19.15.29.12 NMAC D. (1)(c) and requesting approval to utilize the above-mentioned delineation soil samples as final closure samples, in-lieu of five-point composite samples collected from the walls and base of the historical excavation. In support of this variance request, XTO is providing:

(1) a detailed statement explaining the need for the variance: In this instance XTO requests that the delineation soil samples, provided analytical results are compliant with the Closure Criteria, provide sufficient documentation of absence of impacts remaining from the historical release and subsequent remediation activities presented in the *Closure Request*. Following remediation, the excavation extent was backfilled and partially overlain by active production equipment in 2019. Confirmation soil sampling in accordance with the rule would require shutting down active production equipment, removal of a protective lined containment, and re-excavation of the backfilled excavation extent, including pasture which has seen vegetation recover over the past 7 years since the *Closure Request* was originally submitted. Samples proposed and subject to this variance will verify complete lateral and vertical delineation of the release and supplement existing closure samples presented in the *Closure Request*; and

(2) a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health, and the environment: Removal of active production equipment, installation of alternative production equipment locations, and repeated excavation in pasture area will increase site traffic, soil disturbance, soil compaction, and may result in further impact to undisturbed areas adjacent to the containment and original excavation extent. Additionally, pasture supporting healthy vegetation will be disturbed and removed after an estimated 7 years of recovery. Rather than introducing additional disturbance by reworking the facility and excavating the previously remediated extent to collect samples and photographs, sampling under this variance to verify the efficacy of the remediation activities previously documented would reduce disturbance and better support the continued recovery and restoration of the pasture. The proposed delineation soil sampling will adequately confirm the absence of impacts while minimizing unnecessary environmental disturbance, and all soil identified outside the lined containment that indicates COC concentrations exceed the Closure Criteria will be fully delineated and removed via excavation. All proposed sample locations are presented on Figure 3.

XTO believes this *Sampling Plan*, provided in response to a request by the NMOCD, meets the NMOCDs requirement to complete additional soil sampling to confirm the remediation work completed and described in the *Closure Report* successfully removed all impacted soil. The included variance request explains the necessity and demonstrates the protective equivalence of the proposed delineation sampling. Delineation activities will commence within 30 days of approval of the *Sampling Plan*. A remediation work plan to address any impacted soil or a *Closure Request Addendum* documenting absence of impacted soil will be submitted to the NMOCD for review and approval within 30 days of receipt of final laboratory analytical results. XTO requests approval of this *Sampling Plan* and communication of any additional sampling requests for incident number nAB1817134432.

XTO respectfully requests approval of the variance request and *Sampling Plan* and asks that any additional conditions to grant approval from OCD be included in the response. Thank you for your review and consideration.



**Tacoma Morrissey,**  
**P.G.**

(licensed in TX)  
Associate Principal  
337-257-8307  
**Ensolum, LLC**

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**From:** Hall, Brittany, EMNRD <[Brittany.Hall@emnrn.nm.gov](mailto:Brittany.Hall@emnrn.nm.gov)>  
**Sent:** Friday, May 8, 2026 3:53 PM  
**To:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrn.nm.gov](mailto:mike.bratcher@emnrn.nm.gov)>; Wells, Shelly, EMNRD <[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)>; [robert.d.woodall@exxonmobil.com](mailto:robert.d.woodall@exxonmobil.com) <[robert.d.woodall@exxonmobil.com](mailto:robert.d.woodall@exxonmobil.com)>; [richard.kotzur@exxonmobil.com](mailto:richard.kotzur@exxonmobil.com) <[richard.kotzur@exxonmobil.com](mailto:richard.kotzur@exxonmobil.com)>; Josh Boxley <[jboxley@ensolum.com](mailto:jboxley@ensolum.com)>  
**Subject:** RE: [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 537895

[ \*\*EXTERNAL EMAIL\*\* ]

Tacoma,

The sampling plan for incident number nAB1817134432 is denied as XTO is proposing that the delineation borehole samples be approved to be used as confirmation soil samples. Pursuant to 19.15.29.12 D. (1) NMAC, The responsible party must test the remediated areas for contamination with representative five-point composite samples from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC or constituents from other applicable remediation standards. Additionally, per 19.15.29.12 D. (1)(b) NMAC, The responsible party may submit a composite and grab sample plan for the division's review and approval separately or with the remediation plan.

As the samples proposed will be discrete samples and not composite, a variance must be requested to use discrete samples as closure samples. Per 19.15.29.14 A. NMAC, A responsible party may file a written request for a variance from any requirement of 19.15.29 NMAC with the appropriate division district office. The variance request must include: **(1)** a detailed statement explaining the need for a variance; and **(2)** a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment.

If a sampling plan is resubmitted, please include how the total volume of soil remediated of 272 cubic yards was determined.

Please let me know if you have any questions or require additional information.

Thank you,

**Brittany Hall** ● Environmental Field Compliance Supervisor

Environmental Field Compliance Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

505.517.5333 | [Brittany.Hall@emnrd.nm.gov](mailto:Brittany.Hall@emnrd.nm.gov)

<http://www.emnrd.nm.gov/oed/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oed/oed-announcements-and-notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/oed/oed-announcements-and-notifications/> or <https://www.emnrd.nm.gov/oed/oed-forms/>.

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**From:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>

**Sent:** Wednesday, May 6, 2026 10:29 AM

**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>; Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>

**Cc:** Woodall, Robert D <[robert.d.woodall@exxonmobil.com](mailto:robert.d.woodall@exxonmobil.com)>; Kotzur, Richard <[richard.kotzur@exxonmobil.com](mailto:richard.kotzur@exxonmobil.com)>; Ben Belill <[richard.kotzur@exxonmobil.com](mailto:richard.kotzur@exxonmobil.com)>; >; Josh Boxley <[jboxley@ensolum.com](mailto:jboxley@ensolum.com)>

**Subject:** [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 537895

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear Ms. Wells,

Ensolum, LLC (Ensolum), on behalf of XTO Energy, Inc. (XTO), has prepared this *Sampling Plan*, in accordance with direction from the NMOCD, to propose delineation and soil sampling activities following a release of produced water and previous remediation activities at the Big Eddy Unit #156 (Site). The sampling plan proposes delineation and confirmation soil sample locations. The attached appendices provide supporting documents discussed below for your reference.

The Site is located in Unit D, Section 11, Township 22 South, Range 28 East, in Eddy County, New Mexico (32.4129562°, -104.0640182°) and is associated with oil and gas exploration and production operations on Federal land managed by the Bureau of Land Management (BLM).

On June 8, 2018, a production tank overflowed during pigging operations resulting in the release of approximately 18 barrels (bbls) of produced water into a steel walled lined containment. Approximately 4 bbls overflowed onto the surface of the pad, north of the lined

containment and onto the previously disturbed area west and south of the lined containment. A vacuum truck was dispatched to the Site to recover free-standing fluid; approximately 14 bbls of produced water were recovered. XTO reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification and Corrective Action Form C-141 (Form C-141) on June 12, 2018, and was assigned Remediation Permit (RP) Number 2RP-4809 and Incident Number nAB1817134432.

The release was included in the Compliance Agreement for Remediation for Historical Releases (Compliance Agreement) between XTO and the NMOCD effective November 13, 2018. The purpose of the Compliance Agreement was to ensure that reportable releases that occurred prior to August 14, 2018, where XTO is responsible for the corrective action, comply with Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC) as amended on August 14, 2018.

Excavation of impacted soil was completed in 2018. A *Closure Request* was submitted by LT Environmental, Inc (LTE) on October 5, 2018, via email, however, there is no documentation on the NMOCD web portal. On December 26, 2025, an updated *Closure Request* was submitted to the NMOCD via the NMOCD online portal to ensure compliance with the December 1, 2023, *Public Notice Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions*; the report detailed the remediation completed to date and requested closure for Incident Number nAB1817134432.

On February 5, 2026, the NMOCD denied the *Closure Request* for the following reasons:

*Remediation closure denied for the following reasons:*

*1) In the C-141 application, to the question, "What was the total surface area (in square feet) remediated," was answered "4910". Per 19.15.29.12.D NMAC, 25 confirmation samples should have been collected from the base of the excavation. More samples are required to be collected to confirm there are no remaining impacts. A sampling plan should be submitted to the reviewer via email for approval prior to collection.*

*2) In the C-141 application, to the question, "What was the total volume (cubic yards) remediated," was answered "4910". Provide waste disposal manifests. 3) Pursuant to 19.15.29.12.E NMAC, photographs of the remediated site prior to backfill are required in the final report. These are missing. Submit an updated remediation closure request to the OCD by 5/6/2026.*

This *Sampling Plan* is intended to address the requirement that more soil samples be collected to confirm the absence of impacts, and to fulfill the request that a sampling plan be submitted for approval before sample collection.

In the *Closure Request* the total volume of soil remediated is reported to be 272 cubic yards, and the total surface area remediated is reported to be 4,910 square feet. The answer referenced in the denial on the C-141 application which stated that the total volume of remediated soil was 4,910 cubic yards was a clerical error, wherein square footage of the total surface area remediated was erroneously entered into the total volume remediated field. The answer recorded on the referenced C-141 application question is incorrect. The correct value

of the total volume remediated, 272 cubic yards, is reported in the *Closure Request* associated with that same C-141 application. Upon request, the waste disposal facility, Lea Land Landfill located in Eunice, New Mexico, provided the waste manifests accounting for the impacted soil removed during 2018 remediation activities at the Site. Waste disposal manifests are presented in Appendix A.

Photographs collected by LTE of the remediated Site after excavation and prior to backfill are not available. Re-excavation of the remediated Site would require deconstruction of a lined containment housing active production equipment. Between July 31, 2018 and December 29, 2019, historic satellite imagery shows that the excavation was backfilled and the lined containment east of the excavation extent was expanded westward. The lined containment is currently installed over the backfilled excavation, and occupies approximately 1,610 square feet of surface area inside the historic excavation extent. The current extent of the expanded lined containment on top of the backfilled excavation is presented on Figure 3, and a photographic log is included in Appendix C.

The Site was characterized to determine the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented below. Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 322547104035001, located approximately 1.16 miles north of the Site. On January 27, 1998, the groundwater well had a reported depth to groundwater of 128.52 feet bgs; the depth of the well was not determined. The Well Record is presented in Appendix B. The closest surface water to the Site is a seasonal Playa Lake located 2,074 feet to the east. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by potentially unstable geology (medium potential karst designation area). Potential Site receptors are identified on Figure 1. Based on the results of the Site Characterization, and the NMOCD's preference for groundwater data within half a mile of the Site and within 25 years, the following NMOCD Table I Closure Criteria (Closure Criteria) were applied:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

XTO is proposing to advance 8 delineation boreholes (BH01 through BH08) to a minimum terminal depth of 4 feet bgs to confirm the presence or absence of impacted soil. Delineation borehole BH08 will be located within the lined containment to confirm the presence or absence of impacted soil beneath the containment. Discrete soil samples will be collected in each borehole at ground surface, 1 foot bgs, and at each foot until the terminal depth of the borehole is achieved. Additionally, XTO is proposing 7 lateral delineation samples (SS08

through SS14) collected at ground surface to confirm the lateral extent of the release. The soil samples will be field screened for volatile aromatic hydrocarbons (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach® chloride QuanTab® test strips. At a minimum the highest screening soil sample and deepest soil sample will be submitted from each borehole location to an approved laboratory under strict chain-of-custody procedures for analysis of contaminants of concern (COC) in accordance with the Site Closure Criteria.

All soil identified outside the lined containment that indicates COC concentrations exceed the Closure Criteria will be fully delineated and removed via excavation. In the event that laboratory analytical data from delineation borehole samples confirms all COC concentrations are in compliance with the Closure Criteria, XTO proposes that the delineation borehole samples be considered as confirmation soil samples. All proposed sample locations are presented on Figure 3.

XTO believes this *Sampling Plan* meets the NMOCDs requirement to complete additional soil sampling to confirm the remediation work completed and described in the *Closure Report* successfully removed all impacted soil. Delineation activities will commence within 30 days of approval of the *Sampling Plan*. A remediation work plan to address any impacted soil will be submitted to the NMOCD for review and approval within 30 days of receipt of final delineation sampling laboratory analytical data. Based on this schedule, XTO requests an extension of the Remediation Closure Report Due date to 90 days after the approval of this *Sampling Plan*. XTO requests approval of this *Sampling Plan* and communication of any additional sampling requests for incident number nAB1817134432.

Thank you for your review and consideration,



**Tacoma Morrissey,**

**P.G.**

(licensed in TX)  
Associate Principal  
337-257-8307

**Ensolum, LLC**

**in f X**

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**From:** [OCDOnline@emnrd.nm.gov](mailto:OCDOnline@emnrd.nm.gov) <[OCDOnline@emnrd.nm.gov](mailto:OCDOnline@emnrd.nm.gov)>

**Sent:** Thursday, February 5, 2026 2:28 PM

**To:** NM Env Notifications /SM <[NMEnvNotifications@exxonmobil.com](mailto:NMEnvNotifications@exxonmobil.com)>

**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 537895

To whom it may concern (c/o dale woodall for XTO ENERGY, INC),

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1817134432, for the following reasons:

- **Remediation closure denied for the following reasons:**
- **1) In the C-141 application, to the question, “What was the total surface area (in square feet) remediated,” was answered “4910”. Per 19.15.29.12.D NMAC, 25 confirmation samples should have been collected from the base of the excavation. More samples are required to be collected to confirm there are no remaining impacts. A sampling plan should be submitted to the reviewer via email for approval prior to collection.**
- **2) In the C-141 application, to the question, “What was the total volume (cubic yards) remediated,” was answered “4910”. Provide waste disposal manifests.**
- **3) Pursuant to 19.15.29.12.E NMAC, photographs of the remediated site prior to backfill are required in the final report. These are missing.**
- **Submit an updated remediation closure request to the OCD by 5/6/2026.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 537895.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,  
Shelly Wells  
Environmental Specialist-A  
505-469-7520  
[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)

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

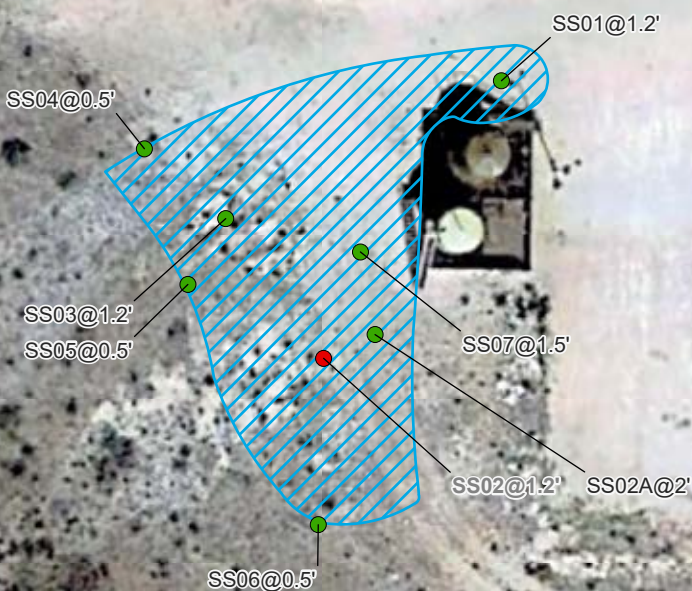


FIGURES

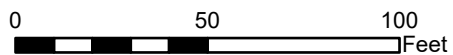


### Legend

- Confirmation Soil Sample Compliant with Closure Criteria
- Confirmation Soil Sample Not Compliant with Closure Criteria
- Excavation Extent



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation requirement where applicable  
 Grey text indicates soil sample removed during excavation activities



Sources:  
 Google Earth March 2016



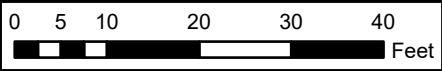
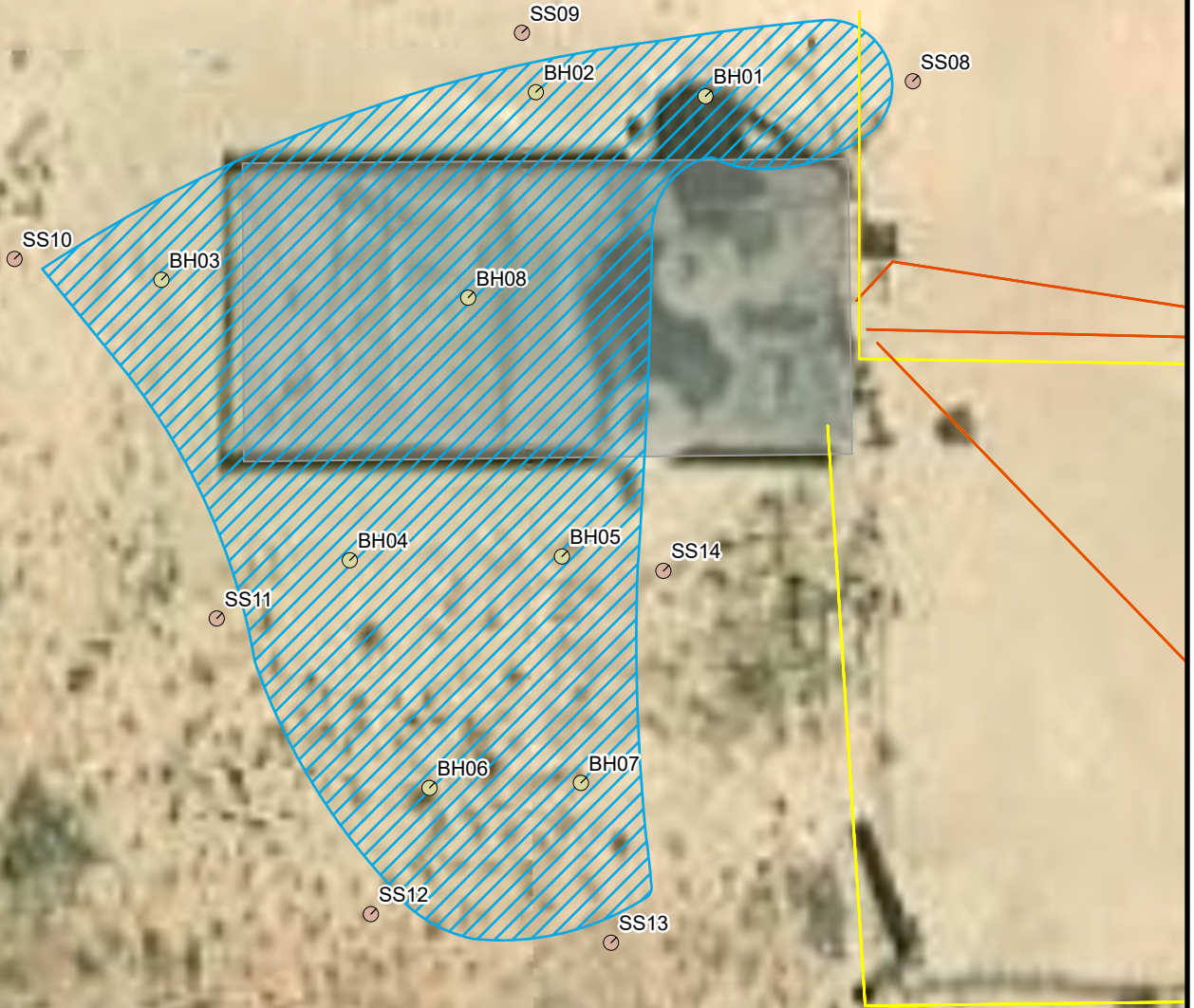
## Confirmation Soil Sample Locations

XTO Permian Operating, LLC  
 Big Eddy Unit #156  
 Incident Number: nAB1817134432  
 Unit D, Section 11, Township 22 South, Range 28 East  
 Eddy County, New Mexico

FIGURE  
**2**

**Legend**

- Delineation Soil Sample - Proposed
- Delineation Borehole Sample - Proposed
- Oil and Gas Utility Line
- Electric Utility Line
- Lined Containment
- Excavation Extent



Sources: Environmental Systems Research Institute (ESRI)

### Proposed Delineation Soil Sample Locations



XTO Permian Operating, LLC  
 Big Eddy Unit #156  
 Incident Number: nAB1817134432  
 Unit D, Section 11, Township 22 South, Range 28 East  
 Eddy County, New Mexico

**FIGURE 3**



## APPENDIX A

### Waste Disposal Manifests

---

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Wlieler*

### NON-HAZARDOUS WASTE MANIFEST

NO **124537**

1. PAGE     OF    

2. TRAILER NO. **01**

<b>G</b>	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104 E. Green Street</b>	5. PICK-UP DATE <b>8/14/2018</b>	
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.	
<b>E</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No.	9. TOTAL QUANTITY
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1</b>	<b>CM</b>
	b.			
	c.			
<b>R</b>	d. <b>57020</b>			
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 156</b>		13. WASTE PROFILE NO. <b>910623</b>	
<b>A</b>	<b>14. IN CASE OF EMERGENCY OR SPILL, CONTACT</b>			
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
<b>O</b>	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC			
	PRINTED/TYPED NAME		SIGNATURE	DATE
<b>T</b>	<b>16. TRANSPORTER (1)</b>		<b>17. TRANSPORTER (2)</b>	
	NAME: <b>TEX.MEX DRILLING</b>		NAME:	
	TEXAS I.D. NO.		TEXAS I.D. NO.	
	IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>		IN CASE OF EMERGENCY CONTACT:	
<b>R</b>	EMERGENCY PHONE: <b>(432) 209-4270</b>		EMERGENCY PHONE:	
	18. TRANSPORTER (1): Acknowledgment of receipt of material		19. TRANSPORTER (2): Acknowledgment of receipt of material	
	PRINTED/TYPED NAME <b>Willie Ulieler</b>		PRINTED/TYPED NAME _____	
	SIGNATURE <i>[Signature]</i> DATE <b>8/14/2018</b>		SIGNATURE _____ DATE _____	
<b>D</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	
	PHONE: 575-887-4048			
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS	
<b>S</b>	21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
	AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE <b>8/14/2018</b>

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Tex. Mex*

### NON-HAZARDOUS WASTE MANIFEST

NO **124538**

1. PAGE      OF     

2. TRAILER NO. **01**

G E	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104 E. Green Street.</b>	5. PICK-UP DATE <b>6/14/2018</b>
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.   Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1   CM</b>			
	b.				
	c.				

A	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 150</b>	13. WASTE PROFILE NO. <b>910623</b>
---	---	--

T	14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
	NAME <b>JOE ONTIVEROS</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
--------------------	-----------	------

T R A N S P O R T E R S	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: <b>TEX.MEX DRILLING</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>	IN CASE OF EMERGENCY CONTACT:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME <b>Johan Unger</b>	PRINTED/TYPED NAME
SIGNATURE <b>Johan Unger</b> DATE <b>6/14/2018</b>	SIGNATURE DATE

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <b>Dantos Gonzalez</b>	CELL NO.	DATE <b>6/14/2018</b>	TIME <b>3:40</b>
--	----------	--------------------------	---------------------

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Tex. Mex

### NON-HAZARDOUS WASTE MANIFEST

NO **124587**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **04**

<b>G</b>	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104 E. Green Street</b>	5. PICK-UP DATE <b>6/20/2018</b>			
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.			
<b>E</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>			
	b.					
	c.					
<b>R</b>	d. <b>53,320 46,920</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 158</b>		13. WASTE PROFILE NO. <b>910623</b>			
<b>A</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>					
	NAME <b>JOE ONTIVEROS</b>		PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.		
<b>O</b>	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC					
	PRINTED/TYPED NAME			SIGNATURE		DATE
<b>T R A N S P O R T E R S</b>	16. <b>TRANSPORTER (1)</b>			17. <b>TRANSPORTER (2)</b>		
	NAME: <b>TEX.MEX DRILLING</b>			NAME:		
	TEXAS I.D. NO.			TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>			IN CASE OF EMERGENCY CONTACT:		
EMERGENCY PHONE: <b>(432) 209-4270</b>			EMERGENCY PHONE:			
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material			19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material			
PRINTED/TYPED NAME <b>Johan Unger</b>			PRINTED/TYPED NAME			
SIGNATURE <b>Johan Unger</b> DATE <b>6/20/2018</b>			SIGNATURE DATE			
<b>D F A C I L I T Y</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048	
	PERMIT NO. WM-01-035 - New Mexico		20. COMMENTS			
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.					
AUTHORIZED SIGNATURE <b>Santos Gonzalez</b>			CELL NO.	DATE <b>6/20/2018</b>	TIME <b>1:30</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Tex. Mex*

### NON-HAZARDOUS WASTE MANIFEST

NO 124588

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. 10

G E	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104 E. Green Street</b>	5. PICK-UP DATE <b>6/20/2018</b>
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1</b>	<b>CM.</b>			
	b.					
	c.					
	d. <b>48,080 53,720</b>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 158</b>	13. WASTE PROFILE NO. <b>910623</b>
---	--

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME <b>JOE ONTIVEROS</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.
------------------------------	----------------------------------	-----------------------

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
--------------------	-----------	------

16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
NAME: <b>TEX.MEX DRILLING</b>	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: <b>(432) 208-4270</b>	EMERGENCY PHONE:

18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material
PRINTED/TYPED NAME <i>Cornelia Thiesen</i>	PRINTED/TYPED NAME
SIGNATURE <i>[Signature]</i> DATE <b>6/20/2018</b>	SIGNATURE DATE

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>[Signature]</i>	CELL NO.	DATE <b>6/20/2018</b>	TIME <b>1:50</b>
--	----------	--------------------------	---------------------

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Wieder*

### NON-HAZARDOUS WASTE MANIFEST

NO **124594**

1. PAGE \_\_\_ OF \_\_\_

2. TRAILER NO. **01**

G E N E R A T O R	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104 E. Green Street</b>	5. PICK-UP DATE <b>6/21/2018</b>	
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.	
T R A N S P O R T E R S	7. NAME OR DESCRIPTION OF WASTE SHIPPED: <b>Non-Regulated, Non Hazardous Waste</b>		8. CONTAINERS No. Type <b>1 CM</b>	
	b.		9. TOTAL QUANTITY	
	c.		10. UNIT Wt/Vol.	
	d. <b>49,980 63,760</b>		11. TEXAS WASTE ID #	
A U T H O R I Z E D	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 158. Te 113,740</b>		13. WASTE PROFILE NO. <b>910623</b>	
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT NAME PHONE NO 24-HOUR EMERGENCY NO. <b>JOE ONTIVEROS 575-887-4048</b>			
D I S P O S I T A L Y	15. GENERATOR'S CERTIFICATION: I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC			
	PRINTED/TYPED NAME	SIGNATURE	DATE	
	16. TRANSPORTER (1) NAME: <b>TEX.MEX.DRILLING</b>		17. TRANSPORTER (2)	
	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>		NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT:	
EMERGENCY PHONE: <b>(432) 208-4270</b>		EMERGENCY PHONE:		
18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Willie Wieder</b>		19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME		
SIGNATURE <i>[Signature]</i> DATE <b>6/21/2018</b>		SIGNATURE DATE		
Lea Land, LLC		ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>575-887-4048</b>	
PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS		
21. DISPOSAL FACILITY'S CERTIFICATION: I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
AUTHORIZED SIGNATURE <i>[Signature]</i>		CELL NO.	DATE <b>6/21/2018</b> TIME <b>9:35</b>	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Tex. Mex*

### NON-HAZARDOUS WASTE MANIFEST

NO **124595**

1. PAGE      OF     

2. TRAILER NO. **04**

<b>G</b>	3. COMPANY NAME <b>XTO-Energy</b>	4. ADDRESS <b>3104.E. Green Street.</b>	5. PICK-UP DATE <b>6/21/2018</b>		
	PHONE NO. <b>(575) 887-7329</b>	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.		
<b>E</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.
	<b>Non-Regulated, Non Hazardous Waste</b>		<b>1 CM</b>		
	b.				
	c.				
<b>R</b>	d. <b>50 P 80 58560</b>				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>BEU # 158</b>			13. WASTE PROFILE NO. <b>810623</b>	
<b>A</b>	14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>				
	NAME <b>JOE ONTIVEROS</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.		
<b>O</b>	15. <b>GENERATOR'S CERTIFICATION:</b> I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC				
	PRINTED/TYPED NAME		SIGNATURE		DATE
<b>T</b>	16. <b>TRANSPORTER (1)</b>		17. <b>TRANSPORTER (2)</b>		
	NAME: <b>TEX.MEX DRILLING</b>		NAME:		
	TEXAS I.D. NO.		TEXAS I.D. NO.		
	IN CASE OF EMERGENCY CONTACT: <b>KYLE FREEMAN</b>		IN CASE OF EMERGENCY CONTACT:		
<b>R</b>	EMERGENCY PHONE: <b>(432) 209-4270</b>		EMERGENCY PHONE:		
	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material		19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material		
	PRINTED/TYPED NAME <b>Johan Unger</b>		PRINTED/TYPED NAME		
	SIGNATURE <b>Johan Unger</b> DATE <b>6/21/2018</b>		SIGNATURE DATE		
<b>D</b>	Lea Land, LLC		ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM		PHONE: 575-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>		20. COMMENTS		
<b>S</b>	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.				
	AUTHORIZED SIGNATURE <b>[Signature]</b>		CELL NO.	DATE <b>6/21/2018</b>	TIME <b>9:55</b>

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

TRANSPORTERS: COPIES 4 & 5

COPY 1





## APPENDIX B

### Well Record and Log

---



USGS Home  
 Contact USGS  
 Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

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.

Groundwater levels for the Nation

**i** Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 322547104035001

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 322547104035001 22S.28E.02.11111**

Eddy County, New Mexico  
 Latitude 32°25'47", Longitude 104°03'50" NAD27  
 Land-surface elevation 3,162 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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	? Method of measurement	? Measuring agency	? Source (measur)
1965-12-02			D 62610		3027.37	NGVD29	1	Z		
1965-12-02			D 62611		3028.96	NAVD88	1	Z		
1965-12-02			D 72019	133.04			1	Z		
1968-06-27			D 62610		3016.98	NGVD29	P	Z		
1968-06-27			D 62611		3018.57	NAVD88	P	Z		
1968-06-27			D 72019	143.43			P	Z		
1970-12-04			D 62610		3027.63	NGVD29	1	Z		
1970-12-04			D 62611		3029.22	NAVD88	1	Z		
1970-12-04			D 72019	132.78			1	Z		
1976-12-16			D 62610		3029.74	NGVD29	1	Z		
1976-12-16			D 62611		3031.33	NAVD88	1	Z		
1976-12-16			D 72019	130.67			1	Z		
1983-01-18			D 62610		3030.99	NGVD29	1	Z		
1983-01-18			D 62611		3032.58	NAVD88	1	Z		
1983-01-18			D 72019	129.42			1	Z		
1987-10-30			D 62610		3031.68	NGVD29	1	Z		
1987-10-30			D 62611		3033.27	NAVD88	1	Z		

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	? Method of measurement	? Measuring agency	? Source of measurement
1987-10-30			D 72019	128.73			1		Z	
1992-12-10			D 62610		3031.32	NGVD29	P		S	
1992-12-10			D 62611		3032.91	NAVD88	P		S	
1992-12-10			D 72019	129.09			P		S	
1998-01-27			D 62610		3031.89	NGVD29	1		S	
1998-01-27			D 62611		3033.48	NAVD88	1		S	
1998-01-27			D 72019	128.52			1		S	

Explanation

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	P	Pumping
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	A	Approved for publication -- Processing and review completed.

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**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: 2025-12-10 14:27:28 EST

0.36 0.3 nadww01



## APPENDIX C

### Photographic Log

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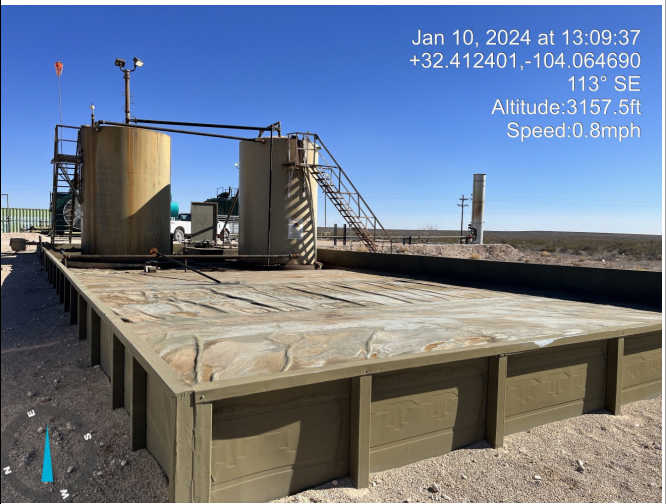


**Photographic Log**  
XTO Energy, Inc.  
Big Eddy Unit #156  
Eddy County, New Mexico



Photograph: 1                      Date: 6/8/2018  
Description: Initial release near SS05  
View: Southeast

Photograph: 2                      Date: 6/8/2018  
Description: Initial release near SS06  
View: East



Photograph: 3                      Date: 1/24/2024  
Description: Backfilled excavation near SS02A  
View: West

Photograph: 4                      Date: 1/24/2024  
Description: Near SS04, lined containment has been expanded onto backfilled excavation  
View: Southeast

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**

CONDITIONS

Action 596720

**CONDITIONS**

Operator: XTO PERMIAN OPERATING LLC. 3617 North Big Spring Street MIDLAND, TX 79705	OGRID: 373075
	Action Number: 596720
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Sampling plan and vairance request approval	6/17/2026