

3/12/2026

Small Landfarm Work Plan

NM&O Operating

Gabriel McCown, CHMM

ORIGINALLY ISSUED: JANUARY 30, 2026



	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	1 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

Table of Contents

Compliance Acknowledgement	2
1. – General.....	3
Permit Application (NMAC 19.15.36.16(A)(1)).....	3
Limitation (NMAC 19.15.36.16(A)(2)	3
2.0 – Landfarm Location & Operation	3
Site Limitations (NMAC 19.15.36.7.A(5) & NMAC 19.15.36.13.B).....	3
Storm Water Containment	4
Signage	4
Waste Management	4
3.0 – Records.....	4
4.0 – Facility Closure	5
Performance Standards	5
Closure Requirements.....	5
Final Report.....	6
List of Attachments.....	7

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	2 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026


Compliance Acknowledgement

NM&O Operating (NM&O) fully supports the policies, goals and objectives in this Small Landfarm Work Plan and the applicable New Mexico state regulations. The Small Landfarm located in Rio Arriba County will adhere to all applicable sections of the New Mexico Administrative Code including 19.15.36.7.A(5) and 19.15.36.16.

This document reviewed and approved by:

Heather Fleming
 [Heather Fleming, Manager]

3/12/26
 Date

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	3 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

1. – General

This document outlines the standard operating procedures for NM&O Small Landfarm operations in the State of New Mexico. All small landfarms within New Mexico shall follow the requirements of this procedure before, during, and at the conclusion of operations.

Permit Application (NMAC 19.15.36.16(A)(1))

Prior to the start of operations NM&O shall file a permit application on form C-137 EZ with the Oil Conservation Division (OCD). This application must include a statement of permission from the surface landowner authorizing the use of the site as a small Landfarm. Operations shall not begin until the registration number is received from the Bureau.

Limitation (NMAC 19.15.36.16(A)(2))

NM&O shall not operate more than one Landfarm in any single section of land at any time. All Landfarm operations must be located within one mile of the nearest NM&O operated oil or gas well or other production facility.

2.0 – Landfarm Location & Operation


Site Limitations (NMAC 19.15.36.7.A(5) & NMAC 19.15.36.13.B)

NM&O’s small Landfarm operation shall adhere to the requirements of Section 19.15.36.7.A(5) of the New Mexico Administrative Code (NMAC). Specifically, the Landfarm located in Rio Arriba County will:

- Be limited to a total size of two acres or less.
- Have a total capacity of less than or equal to 2000 cubic yards.
- Utilize a single lift of eight inches or less.
- Remain active for a maximum of three years from the date of registration.
- Receive only petroleum hydrocarbon contaminated soils that are exempt or non-hazardous waste consisting of soils (excluding drill cuttings) generated as a result of accidental releases from production operations, that are predominantly contaminated by petroleum hydrocarbons, do not contain free liquids, would pass the paint filter test and where testing shows chloride concentrations are 500 mg/kg or below
- Will not receive drill cuttings.

Landfarm locations shall be selected such that the Landfarm is not located:

- Within 500 ft of a wetland
- Within 200 feet of a water course
- Within an existing wellhead protection area or 100 year floodplain

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	4 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

- In an area where ground water is less than 50 feet below the lowest elevation at which NM&O will place oilfield waste
- In the area overlaying a subsurface mine
- Within 500 ft of the nearest permanent residence, school, hospital, institution, or church in existence at the time of application
- Within an unstable area (i.e. – Karst geography)

Storm Water Containment

The Landfarm must have general secondary containment (berm) to prevent surface drainage (run-on and runoff) from entering or exiting the facility. Berms must be sufficiently impervious to contain rainwater.

Signage

A sign must be posted at the entrance to the Landfarm that states the name NM&O Operating, the registration number, the location by unit letter, section, township, and range, the Landfarm expiration date, and an emergency contact number. This information must be readable from at least 50 feet away from the sign.


Waste Management

The following procedure will be utilized to ensure proper management of contaminated soils (waste) received at the Landfarm facility.

1. As soon as practicable, but no more than 72 hours after receiving contaminated soil NM&O shall commence spreading and disking the contaminated soil.
2. Contaminated soil shall be spread and disked in a single lift totaling 8 inches or less.
3. During the spread and disk operation contaminated soil must be treated with water and bioremediation enhancing materials.
4. As soon as possible after treating, but no more than two weeks, establish a treatment zone monitoring program to measure TPH and Chloride concentrations in the remediation area.
 - 4.1 TPH shall be measured using EPA SW-846 method 8015M or 418.1 and shall not exceed 2500 mg/kg.
 - 4.2 Chloride concentration shall be measured using EPA method 300.1 and shall not exceed 500 mg/kg.
5. If concentrations exceed these established thresholds NM&O will continue disking contaminated soil monthly and will utilize watering and bioremediation enhancing materials for as long as the concentrations of TPH and Chloride remain above the required thresholds.

3.0 – Records

NM&O shall maintain the following records during operations and for a period of five years after the closure of the Landfarm.

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	5 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

1. The generator and location of origin of all waste entering the facility.
2. Volume and type of all oil field waste entering the facility.
3. Date of Acceptance of all oil field waste entering the facility.
4. Identity of the hauling company for all waste deliveries.
5. Soil samples collected during the Landfarm operation.
6. Records of spreading, disking, and bioremediation activities.

4.0 – Facility Closure

NM&O must achieve the following performance standards within 3 years of registration or remove the soil from the Landfarm and dispose at an OCD permitted landfill.

Performance Standards


Contaminant	Determination Method	Standard
Benzene	EPA SW-846 8021B or 8260B	0.2 mg/kg
BTEX	EPA SW-846 8021B	50mg/kg
TPH	EPA SW-846 418.1	2500 mg/kg
GRO/DRO Combined	EPA SW-846 8015M	500mg/kg
Chlorides	EPA 300.1	500mg/kg

If the performance standards are achieved during the allotted period NM&O may leave the remediated soil in place at the Landfarm location. ***It is the intention of NM&O to achieve the required standards and to leave the remediated soil in place upon closure of the Landfarm. Soil remediated at the Landfarm shall not be used as backfill material.***

Closure Requirements

Upon closure of the facility NM&O shall:


1. Re-vegetate soils left in place. Re-vegetation must meet the following requirements:
 - 1.1 Establish cover equal to 70% of the native perennial vegetative cover or scientifically documented description.
 - 1.2 Utilize a minimum of three native plant species, including at least one grass.
 - 1.3 Shall not include the use of noxious weeds.
2. Re-vegetation must consider native vegetation that is un-impacted by overgrazing, fire, or other intrusion in the calculation of the 70% coverage requirement.
3. Maintain re-vegetation for two successive growing seasons.
4. Remove all berms, buildings, fences, roads, and equipment installed as a part of the Landfarm operation.
5. Clean-up the Landfarm site and collect one vadose zone soil sample.

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	6 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

- 5.1 Samples shall be collected from 3-5 feet below the middle of the treatment zone or in an area where liquids may have collected due to rainfall events.
- 5.2 Analyze the vadose soil sample using the same performance standards specified above for contaminated soils.

Final Report

Upon closure of the facility, NM&O shall send final report on form C-137 EZ, including photographs of the closed site, to the OCD. NM&O will follow any requests from the OCD for more information, investigation, or clean-up activities.

	<h2>Work Plan</h2>	Document Number	M - 1
		Page Number	7 of 7
		Issue Date	01.30.26
		Revision Number	3.0
		Revision Date	03.12.2026

List of Attachments

1. C-137-EZ
2. Landowner Permission
3. 500 Ft Radius – Showing no homes, hospitals, etc. within 500ft.
4. FEMA Flood Plain Map – Showing facility is not in a flood plain.
5. NM Mining and Minerals Map – Shows no subsurface mines at Landfarm location.
6. Topo Plat – Shows sections, quarter sections, oil and gas wells, structures intended for human occupancy and roads within a 1-mile radius of the site.
7. Water Column Average depth to water – shows water wells within the surrounding sections demonstrate water table at the site is >50 ft depth.
8. USGS Karst Map – Showing there are no karst areas near the Landfarm site.
9. Wetlands Map – Showing no wetlands within 500ft radius.

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy Minerals and Natural Resources

For State Use Only:
Registration #

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-137 EZ
Revised October 11, 2022

File via OCD Permitting

REGISTRATION/ FINAL CLOSURE REPORT FOR SMALL LANDFARM

Section 7 of 19.15.36 NMAC defines a small landfarm as a centralized landfarm of two acres or less that has a total capacity of 2000 cubic yards or less in a single lift of eight inches or less, remains active for a maximum of three years from the date of its registration and that receives only petroleum hydrocarbon-contaminated soils (excluding drill cuttings) that are exempt or non-hazardous waste. The operator shall operate only one active small landfarm per governmental section at any time.

GENERAL INFORMATION

1. Small Landfarm Registration Small Landfarm Final Closure Report*
(*Must be submitted within three years from the registration date)

2. Operator: NM&O Operating

Address: 320 South Boston Suite 810 Tulsa, OK 74103

Contact Person: Heather Fleming

Phone: 918-625-4188

3. Location: SW /4 NE /4 Section 22 Township 25N Range 2W

REGISTRATION

1. As operator, are you the surface estate owner of the proposed site? Yes No If no, please attach a certification statement that demonstrates a written agreement is established with the surface estate owner authorizing the use of the site for the proposed small landfarm.

2. Will the proposed small landfarm comply with the siting requirements of Subsections A and B of 19.15.36.13 NMAC?
 Yes No

A. Depth to ground water.

- No small landfarm shall be located where ground water is less than 50 feet below the lowest elevation at which the operator will place oil field waste.

B. No surface waste management facility shall be located:

- within 200 feet of a watercourse, lakebed, sinkhole or playa lake;
- within an existing wellhead protection area or 100-year floodplain;
- within, or within 500 feet of, a wetland;
- within the area overlying a subsurface mine;
- within 500 feet from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application; or
- within an unstable area, unless the operator demonstrates that engineering measures have been incorporated into the surface waste management facility design to ensure that the surface waste management facility's integrity will not be compromised.

3. Attach a plat and topographic map showing the small landfarm's location in relation to governmental surveys (quarter-quarter section, township and range); highways or roads giving access to the small landfarm site; watercourses; fresh water sources, including wells and springs; oil and gas wells or other production facilities; and inhabited buildings within one mile of the site's perimeter.

Based on the information provided with this submittal, registration of a small landfarm can only be granted if the operator complies with the following understandings and conditions:

- The operator shall operate only one active small landfarm per governmental section at any time. No small landfarm shall be located more than one mile from the operator's nearest oil or gas well or other production facility.
- The operator shall accept only exempt or non-hazardous wastes consisting of soils (excluding drill cuttings) generated as a result of accidental releases from production operations, that are predominantly contaminated by petroleum hydrocarbons, do not contain free liquids, would pass the paint filter test and where testing shows chloride concentrations are 500 mg/kg or below.
 - The operator shall berm the landfarm to prevent rainwater run-on and run-off.
 - The operator shall post a sign at the site readable from a distance of 50 feet and listing the operator's name; small landfarm registration number; location by unit letter, section, township and range; expiration date; and an emergency contact telephone number.
- The operator shall spread and disk contaminated soils in a single eight inch or less lift within 72 hours of receipt. The operator shall conduct treatment zone monitoring to ensure that the TPH concentration, as determined by EPA SW-846 method

8015M or EPA method 418.1 or other EPA method approved by the division, does not exceed 2500 mg/kg; and that the chloride concentration, as determined by EPA method 300.1, does not exceed 500 mg/kg. The operator shall treat soils by disking at least once a month and by watering and adding bioremediation enhancing materials when needed.

The operator shall maintain records reflecting the generator, the location of origin, the volume and type of oil field waste, the date of acceptance and the hauling company for each load of oil field waste received. The division shall post on its website each small landfarm's location, operator and registration date. In addition, the operator shall maintain records of the small landfarm's remediation activities in a form readily accessible for division inspection. The operator shall maintain all records for five years following the small landfarm's closure.

The operator shall submit a final closure report on a form C-137 EZ, together with photographs of the closed site, to the environmental bureau in the division's Santa Fe office.

CERTIFICATION

I hereby certify that the information submitted with this registration is true, accurate and complete to the best of my knowledge and belief and agree to the understandings and conditions of this registration.

Name: Heather Hensinger Title: Landman

Signature: Heather Hensinger Date: 1/9/2026

E-mail Address: heatherfa@xanexp.com

OCD REGISTRATION: [] Approved. Date : [] Denied. Date:

Comments:

OCD Representative Signature:

Title: OCD Registration Number:

FINAL CLOSURE REPORT

Were the landfarmed soils able to achieve the closure performance standards, listed below, within three years from the registration date? [] Yes [] No (Please provide laboratory analytical results)

- benzene, as determined by EPA SW-846 method 8021 B or 8260B, shall not exceed 0.2 mg/kg;
Total BTEX, as determined by EPA SW-846 method 8021 B or 8260B, shall not exceed 50 mg/kg;
TPH, as determined by EPA SW-846 method 418.1 or other EPA method approved by the division, shall not exceed 2500 mg/kg; the GRO and DRO combined fraction, as determined by EPA SW-846 method 8015M, shall not exceed 500 mg/kg; and
chlorides, as determined by EPA method 300.1, shall not exceed 500 mg/kg.

If yes, were the additional closure requirements listed below satisfied? [] Yes [] No (Please provide photos)

- The operator shall re-vegetate soils remediated to the closure performance standards if left in place in accordance with Paragraph (6) of Subsection A of 19.15.36.18 NMAC.
If the operator returns remediated soils to the original site, or with division permission, recycles them, re-vegetate the cell filled in with native soil to the standards in Paragraph (6) of Subsection A of 19.15.36.18 NMAC;
The operator shall remove berms on the small landfarm and buildings, fences, roads and equipment; and
The operator shall clean up the site and collect one vadose zone soil sample from three to five feet below the middle of the treatment zone, or in an area where liquids may have collected due to rainfall events; the vadose zone soil sample shall be collected and analyzed using the methods specified above for TPH, BTEX and chlorides.

If no, were the landfarmed soils that have not or cannot be remediated to the closure performance standards within three years removed to a division-approved surface waste management facility, and the cell filled in with native soil to the standards in Paragraph (6) of Subsection A of 19.15.36.18 NMAC and re-vegetated? [] Yes [] No (Please provide photos)

CERTIFICATION

I hereby certify that the information submitted with this final closure report is true, accurate and complete to the best of my knowledge and belief.

Name: Title:

Signature: Date:

E-mail Address:

OCD CLOSURE REVIEW: [] Closure Approved. Date : [] Closure Denied. Date:

Comments:

OCD Representative Signature:

Title: OCD Registration Number:

Attachment B – Landowner Consent Form

I, Doyle Post (Landowner Name), am the legal surface owner of the property located at:

(Section, Township, Range, County, State of New Mexico)

I hereby grant permission to NMCO Operating Company (Operator Name) to establish and operate a small landfarm for soil remediation in accordance with the New Mexico Oil Conservation Division (OCD) Rule 19.15.36 NMAC, Section 16 (Small Land farms).

The land farm will be constructed at or in close proximity to 36.38557, -107.03583 for the remediation of <1 000 cubic yards of contaminated soil.

This consent authorizes the operator to store, spread, and remediate petroleum-contaminated soils on the described property, subject to OCD regulations and all applicable environmental standards.

Landowner Signature: [Signature] Date: 11-17-25



Operator Representative: [Signature] Date: 11/17/25

Witness (optional): _____ Date: _____

NMI&O Landfarm Site

Yellow circle shows a 500 ft radius of the landfarm location. The landfarm is more than 500 ft from the nearest permanent residence, school, hospital, institution or church in existence at the time of initial application

Legend

-  36.38557, -107.03583
-  500 ft radius

36.38557, -107.03583



National Flood Hazard Layer FIRMMette



107°2'29"W 36°23'23"N



1:6,000

107°1'51"W 36°22'54"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

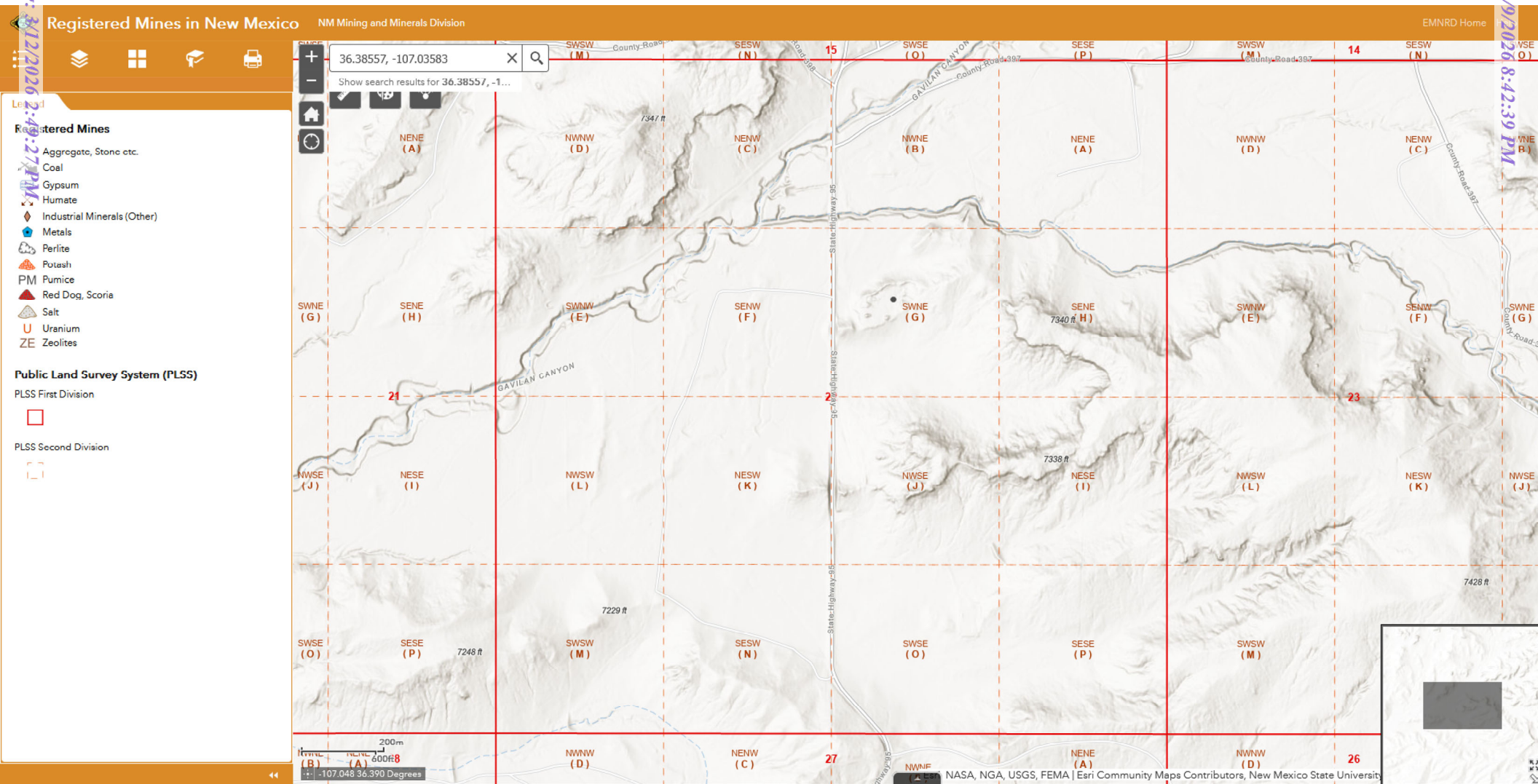
- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

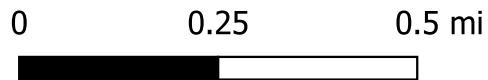
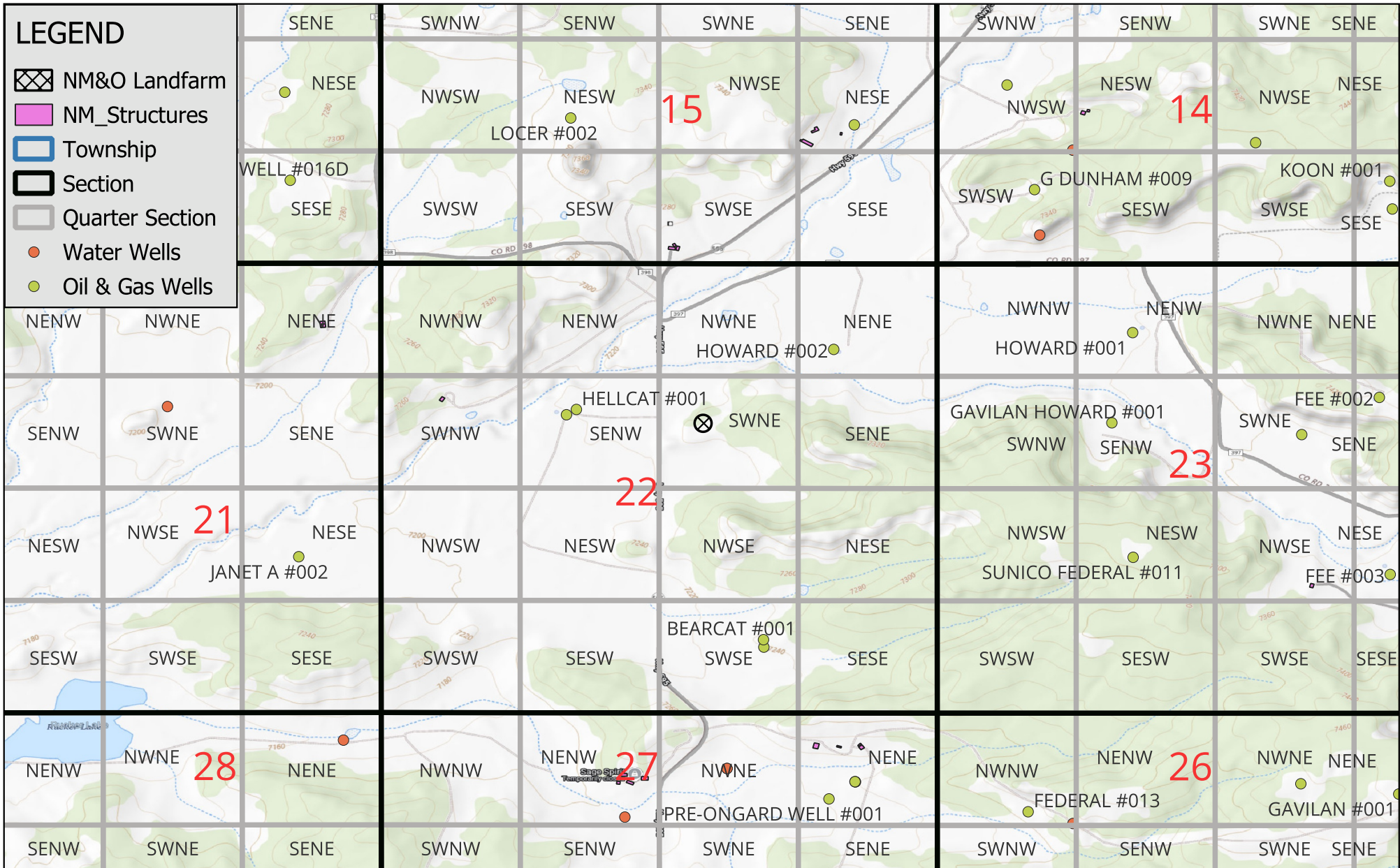
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/8/2026 at 11:33 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Map from NM Mining and Materials showing no subsurface mines at location.





NM&O Land Farm





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Well Depth	Depth Water	Water Column
SJ 00279		SJ	RA				31	25N	02W	313474.0	4025286.0 *	●	210	85	125
SJ 00326		SJ	RA		SE	NE	29	25N	02W	314600.0	4027061.0 *	●	205	160	45
SJ 01473		SJ	RA	SW	SE	SE	08	25N	02W	314582.0	4030982.0 *	●	240		
SJ 01751		SJ	RA	SW	NE	NW	11	25N	02W	318628.0	4032100.0 *	●	372	90	282
SJ 01752		SJ	RA	SE	SE	SE	02	25N	02W	319640.0	4032486.0 *	●	210	85	125
SJ 01754		SJ	RA			SW	14	25N	02W	318471.0	4029596.0 *	●	192	90	102
SJ 01758		SJ	RA		SW	NW	12	25N	02W	319927.0	4031774.0 *	●	235	80	155
SJ 01861 POD2		SJ	RA	NE	SE	NW	04	25N	02W	315637.0	4033578.0 *	●	200	100	100
SJ 02091 X		SJ	RA		SW	SE	25	25N	02W	320617.0	4026127.0 *	●	345	120	225
SJ 02342		SJ	RA		NW	NE	27	25N	02W	317424.0	4027403.0 *	●	380	70	310
SJ 02355		SJ	RA	SW	SE	NE	17	25N	02W	314565.0	4030178.0 *	●	260	80	180
SJ 02477		SJ	RA	NW	SW	SE	09	25N	02W	315788.0	4031156.0 *	●	260	100	160
SJ 02736		SJ	RA	NW	NW	SE	10	25N	02W	317405.0	4031523.0 *	●	375	60	315
SJ 02738		SJ	RA	NE	NE	SW	28	25N	02W	315495.0	4026740.0 *	●	650	265	385
SJ 02911		SJ	RA	NW	SE	SW	17	25N	02W	313744.0	4029591.0 *	●	240	85	155
SJ 02917		SJ	RA	SW	NE	NW	28	25N	02W	315311.0	4027345.0 *	●	1200		
SJ 02986		SJ	RA	NE	NE	NE	28	25N	02W	316316.0	4027528.0 *	●	270	140	130
SJ 03028		SJ	RA	NW	NW	NW	16	25N	02W	314976.0	4030771.0 *	●	230	105	125
SJ 03212		SJ	RA	NE	SE	NW	13	25N	02W	320397.0	4030256.0 *	●	430	180	250
SJ 03292		SJ	RA	SE	SW	SW	14	25N	02W	318369.0	4029294.0 *	●	260		
SJ 03461		SJ	RA	SW	NE	NW	11	25N	02W	318531.0	4032014.1	●	265	160	105
SJ 03498		SJ	RA	SE	NW	SW	27	25N	02W	316702.0	4026516.0 *	●	560	340	220
SJ 03647		SJ	RA				34	25N	02W	317164.0	4025208.0	●	667	280	387
SJ 03833 POD1		SJ	RA	SW	NW	SW	12	25N	02W	319719.9	4031296.8	●	170	140	30
SJ 03839 POD1		SJ	RA	NW	NW	NW	03	25N	02W	316384.4	4024367.5	●	493	248	245
SJ 03840 POD1		SJ	RA	NE	NE	NW	27	25N	02W	317124.6	4027235.3	●	455	211	244
SJ 03942 POD1		SJ	RA	NW	SW	NE	15	25N	02W	317358.9	4030304.2	●	208	121	87
SJ 04256 POD1		SJ	RA	NW	SW	NE	21	25N	02W	315832.1	4028733.3	●	211	53	158
SJ 04256 POD1	C	SJ	RA	NW	SW	NE	21	25N	02W	315832.1	4028733.3	●	211	53	158
SJ 04357 POD1		SJ	RA				24	25N	02W	321148.6	4028082.1	●	575	167	408
SJ 04408 POD1		SJ	RA	SE	SW	NE	19	25N	02W	313052.6	4028329.8	●	269	119	150
SJ 04631 POD1		SJ	RA	NW	SE	SE	27	25N	02W	317786.6	4026303.8	●	500		

Average Depth to Water: **135 feet**

Minimum Depth: **53 feet**

Maximum Depth: **340 feet**

Record Count: 32

Basin/County Search:

Basin: SJ

County: RA

PLSS Search:

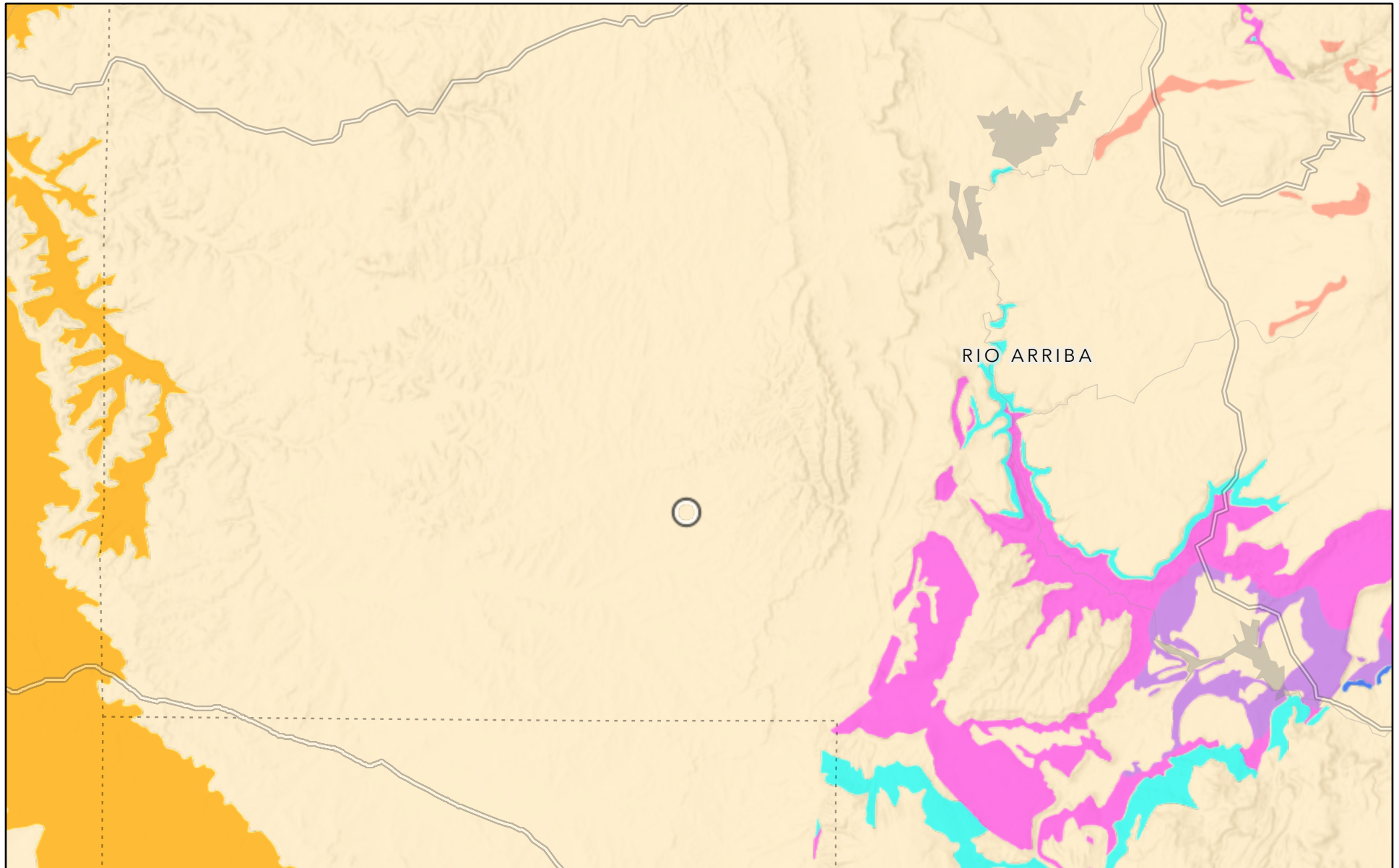
Range: 02W

Township: 25N

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

US Karst Map - Wide zoom distance to karst areas



1/25/2026

Carbonate Karst

- Carbonate rocks at or near the land surface in a dry climate
- Carbonate rocks at or near the land surface in a humid climate
- Carbonate rocks buried under <300 ft of insoluble sediments in a humid climate
- Carbonate rocks buried under >50 ft of glacially derived insoluble sediments in a dry climate
- Carbonate rocks buried under >50 ft of glacially derived insoluble sediments in a humid climate
- Carbonate rocks buried under ≤50 ft of glacially derived insoluble sediments in a dry climate

- Carbonate rocks buried under ≤50 ft of glacially derived insoluble sediments in a humid climate
- Unconsolidated calcareous or carbonate rocks at or near the land surface in a dry climate
- Unconsolidated calcareous or carbonate rocks at or near the land surface in a humid climate
- Unconsolidated calcareous or carbonate rocks buried under <300 ft of insoluble sediments in a humid climate

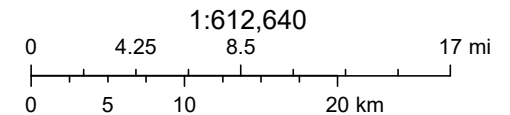
Evaporite Karst

- Evaporite rocks at or near the land surface in a dry climate
- Evaporite rocks at or near the land surface in a humid climate

- Evaporite rocks buried under >50 ft of glacially derived
- Evaporite rocks buried under >50 ft of glacially derived
- Evaporite rocks buried under ≤50 ft of glacially derived

Piping Pseudokarst

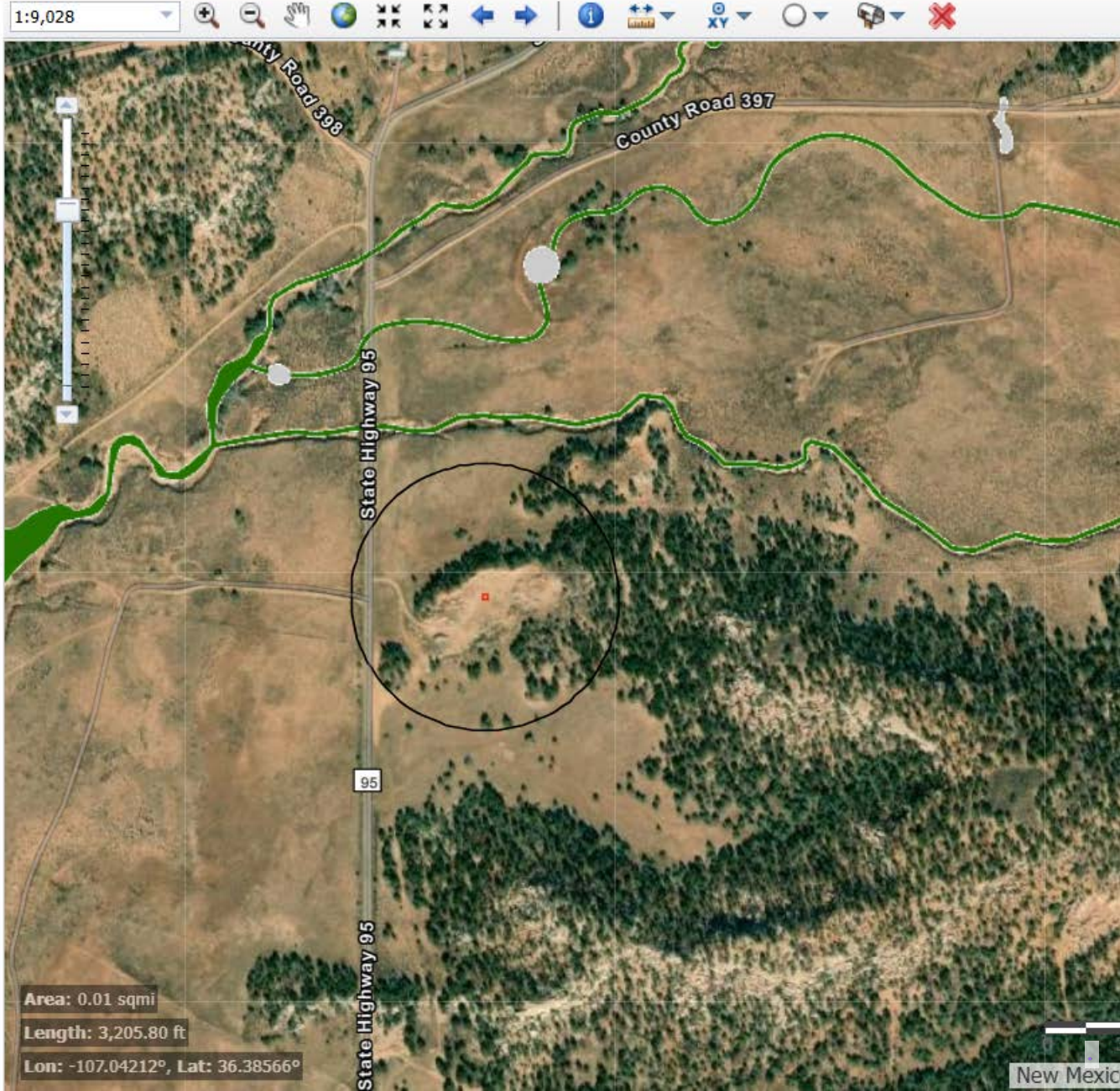
- Sandstone Karst
- Quartz sandstone with solution features at or near the



U.S. Geological Survey Open-File Report 2014-1156, USGS Open-File Report 2014-1156, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin,

OpenEnviroMap

- Legend
- Basemap
- Query
- 1:9,028
- NWI Linears
 - Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Rock Bottom (PRB)
 - Palustrine Scrub Shrub (PSS)
 - Palustrine Unconsolidated (PUB, PUS)
 - Riverine (R2, R3, R4)
- NWI Polygons
 - Lacustrine (L1, L2)
 - Palustrine Aquatic Bed (PAB)
 - Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Rock Bottom (PRB)
 - Palustrine Scrub Shrub (PSS)
 - Palustrine Unconsolidated (PUB, PUS)
 - Riverine (R2, R3, R4)
- Aquatic Invertebrate Habitat (AIH) Linears
- Aquatic Invertebrate Habitat (AIH) Polygons
- Bank and Shoreline Stabilization (BSS) Linears
- Bank and Shoreline Stabilization (BSS) Polygons
- Carbon Sequestration (CAR) Linears
- Carbon Sequestration (CAR) Polygons
- Fish Habitat (FH) Linears
- Fish Habitat (FH) Polygons
- Groundwater Recharge (GR) Linears
- Groundwater Recharge (GR) Polygons
- Nutrient Transformation (NT) Linears
- Nutrient Transformation (NT) Polygons
- Other Wildlife Habitat (OWH) Linears
- Other Wildlife Habitat (OWH) Polygons
- Sediment and Other Particulate Retention
- Sediment and Other Particulate Retention



Area: 0.01 sqmi
 Length: 3,205.80 ft
 Lon: -107.04212°, Lat: 36.38566°

POD Locations 2.0.10

Submit Meter Reading Contact



POD Search

Enable Buffer Search

Select geometry type:

Point

Line

Polygon

Draw Polygon

200



Feet

Apply

Show Selected

Show List

Clear

No PODs found within the buffer area

Aquifer Test Index



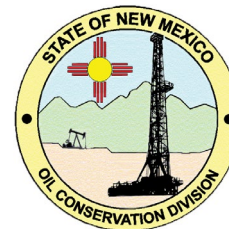
State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



ELECTRONIC MAIL ONLY

March 12, 2026

Ms. Heather Fleming
NM&O Operating
320 South Boston Suite 810
Tulsa, Oklahoma 74103
heatherf@xanexp.com

**RE: Small Landfarm Approval
NM&O Operating
Section 22, T25N R2W
Rio Arriba County, NM**

Dear Ms. Fleming:

The Oil Conservation Division (OCD) has completed a review of NM&O Operating's registration application to construct and operate a small landfarm for the remediation of petroleum hydrocarbon-contaminated soils (excluding drill cuttings), dated January 9, 2026. The OCD hereby approves NM&O Operating to construct and operate the registered small landfarm in compliance with the applicable requirements of 19.15.36.7.A(5) NMAC, 19.15.36.13.A & B NMAC and 19.15.36.16 NMAC.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 549-5583 or Joseph.Kennedy@emnrd.nm.gov.

Respectfully,

Joseph Kennedy • Senior Environmental Scientist

1220 South St. Francis Drive • Santa Fe, New Mexico 87505
Phone (505) 476-3441 • www.emnrd.nm.gov/ocd/

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 561165

CONDITIONS

Operator: N M & O OPERATING CO 320 S Boston Ste 810 Tulsa, OK 74103	OGRID: 15938
	Action Number: 561165
	Action Type: [C-137] Small Landfarm (C-137EZA)

CONDITIONS

Created By	Condition	Condition Date
joseph.kennedy	Please see email to Heather Fleming dated March 12, 2026.	3/12/2026