
November 5, 2025

EMNRD – Oil Conservation Division
506 W. Texas
Artesia, New Mexico 88210

SUBJECT: Liner Inspection and Closure Report for Fiji 17 CTB 1 – October 17, 2025 Site Visit

Incident ID: nAPP2522447834
Facility ID (Name): fAPP2130240832 (FIJI 17 CTB 1)
Facility Location: Unit G of Section 17, Township 23 South, Range 31 East, New Mexico
Facility GPS Coordinates: 32.307530, -103.796304
Eddy County, New Mexico

Introduction

KLJ Engineering (KLJ) has prepared this report on behalf of Devon Energy Production Company, LP (Devon) to detail the recent liner inspection conducted at the Fiji 17 CTB 1 (Site) on October 17, 2025, following the release of produced water that occurred on August 12, 2025.

Site Information and Background

The Site is located approximately 17.10 miles northeast of Loving, New Mexico, on Bureau of Land Management (BLM) property. The Site lies within Unit G, Section 17, Township 23 South, Range 31 East, in Eddy County. KLJ conducted a liner inspection and associated site characterization in accordance with 19.15.29.11 and 19.15.29.12 of the New Mexico Administrative Code (NMAC) to assess the integrity of the containment system and evaluate any potential environmental impacts resulting from a release.

Release Description and Immediate Response

On August 12, 2025, a Devon lease operator discovered that a discharge line on the water transfer pump had developed a pinhole leak inside the secondary containment, resulting in the release of approximately 14 barrels (bbls) of produced water. Initial response actions were conducted by the operator and included source elimination, photographic documentation of the affected area, volume estimation, and an attempt to recover released fluids. Photographic documentation of the secondary containment, liner, tanks, and equipment where the release occurred is included in the Liner Inspection Field Notes & Photolog Report (**Appendix A**).

The August 12, 2025 release did not exceed the 25 bbls threshold and therefore was not classified as a *major release* under 19.15.29.7(A)(1) NMAC, which requires enhanced notification procedures.

Site Characterization Summary

The Site lies within eolian sand deposits. Terrain for the Site and immediate surrounding area includes terraces, piedmonts, dunes fields and upland plains, and alluvial fans at elevations ranging from 2,842 to 4,500 feet above mean sea level (amsl). Parent material consists of eolian deposits and alluvium derived from sandstone, with 8 to 13 inches of average annual precipitation. Soil within the Site tends to be excessively drained, with negligible runoff potential and very low water-holding capacity.

The USDA – Web Soil Survey (WSS) identifies the predominant soil type at the Site as the Kermit-Berino fine sands that is deep or very deep, with surface textures ranging from sand loam, fine sand, or loamy fine sand. Underlying materials are loamy fine sand, fine sand, sand, or fine sandy loam.

Vegetation reflects a grassland community, consisting of giant dropseed, other dropseeds, threewans, and bluestems with scattered shinnery oak and soapweed yucca. The vegetation reflects a drought-tolerant, arid-adapted community, with grass cover varying based on grazing intensity and precipitation patterns. Grass dominance stabilizes the potentially erosive sandy soils, and brush management may restore the grassland component when drought conditions compounded with excessive grazing contribute to increased woody plant abundance.

No surface water features were identified within 300 feet of the Site. The nearest significant watercourse is 1.59 miles north; the nearest playa and wetland is 1.66 miles northeast. These distances comply with the requirements of 19.15.29.12(C)(4) NMAC.

Per the New Mexico Office of the State Engineer (NMOSE) Points of Diversion (POD) Map, the nearest POD is C-04776-POD1, located 0.50 miles northeast of the Site. The POD is identified as a temporary borehole used to determine depth to groundwater. Well records indicate that the temporary borehole was drilled to a depth of 105 ft below ground surface (bgs), and no groundwater was encountered. The nearest freshwater well used for stock watering purposes, POD C-03389, is located 0.65 miles southwest of the Site.

The Site is not located within a designated karst potential zone. The nearest potential karst zone, identified as a medium karst zone, is located 1.24 miles to the northwest. The Site is in a FEMA flood hazard area identified as FEMA Zone X (undetermined hazard); the nearest identified FEMA flood hazard area, classified as Zone A, is 7.05 miles to the northwest.

Additional information detailing the results of the Site characterization findings can be found in **Appendix B**.

Closure Criteria

Table 1 summarizes key Site and Incident information relevant to closure evaluation, as required under 19.15.29.12 NMAC. This includes details such as the release source, location, containment status, and site-specific features that may influence closure requirements. While contamination thresholds, sampling depths, and applicable concentration limits are not listed in this table, the information provided supports regulatory assessment of whether the release meets criteria for closure. In accordance with NMAC 19.15.29.11(A)(5)(b), if the release occurred within lined, impermeable secondary containment with no evidence of escape, it may qualify for reduced remediation requirements or a No Further Action (NFA) determination.

| Table 1: Release Information and Closure Criteria Limits | | | |
|--|---|---------------------------|--|
| Depth to Ground Water Determination: > 101 feet bgs | | | |
| Site Name | Fiji 17 CTB 1 | Company | Devon Energy Production Company, LP |
| Facility ID/API Number | fAPP2130240832 | ULSTR GPS | G-17-23S-31E 32.307530, -103.796304 |
| Lease ID | NMNM045235 | Land Status | Federal |
| Incident ID | nAPP2522447834 | Date Of Release | 8/12/2025 |
| Source of Release | Pinhole leak on WTP discharge line | Volume Released/Recovered | 14 bbls/14 bbls pw |
| Specific Features | DTGW Monitor Well: depth > 105 ft bgs; No groundwater encountered; POD within < 0.5-mile radius from facility; No karst potential; No surface water within proximity; FEMA Zone X | | |

Liner Inspection Activities

KLJ Environmental Specialists conducted a site visit on September 26, 2025, to perform a liner inspection. Prior to the inspection, notification was provided to Devon via email on September 23, 2025, with official notification submitted through the Operator's Electronic Permitting and Payment Portal on the same day, in accordance with NMAC 19.15.29.11(A)(5)(a)(iii). During the visit, KLJ personnel attempted a visual inspection of the secondary containment to verify liner integrity. However, the liner was observed to have a presence of surface residue, rendering it unsuitable for proper inspection. Photographic documentation is provided in the Liner Inspection Field Notes & Photolog Report (**Appendix A**).

On September 26, 2025, an official notification was submitted to the NMOCD via email indicating that the inspection was not conducted due to the unsuitable condition of the liner and providing notification that an additional inspection would be scheduled once the liner had been cleaned. A copy of the correspondence is provided in **Appendix C**.

A second official notification was submitted to the portal on October 15, 2025, for a successful inspection conducted on October 17, 2025 (**Appendix C**). The inspection included assessments for perforations, rips, tears, or signs of weathering that could impact containment integrity. No issues were noted that would warrant repair or replacement. Documentation and photographs from the completed inspection are included in **Appendix A**.

Conclusion

Based on the findings of the liner inspection, KLJ concludes that liner integrity is adequate to contain fluids and there are no further actions required in relation to incident nAPP2522447834.

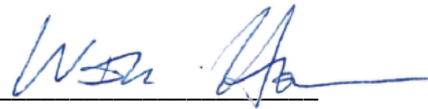
Based on the site assessment and activities conducted, Devon respectfully requests closure of incident nAPP2522447834 with a No Further Action (NFA) determination.

Submitted and prepared by:
KLJ Engineering

Written By
Name: Monica Peppin
Title: Environmental Specialist II

Signature: 

Reviewed By
Name: Will Harmon, P.G.
Title: Environmental Project Manager

Signature: 

Included Appendices

Appendix A – LINER INSPECTION FIELD NOTES & PHOTOLOG REPORT

Appendix B – CLOSURE CRITERIA RESEARCH

Appendix C – CORRESPONDENCE

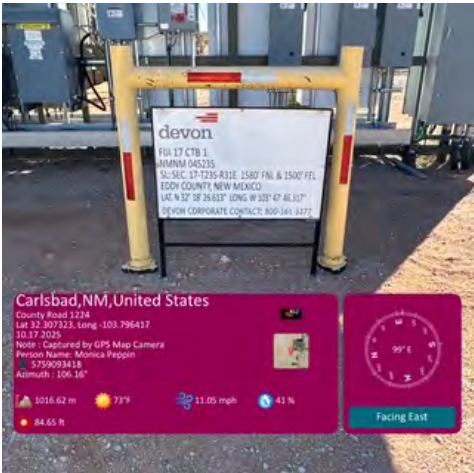
APPENDIX A

LINER INSPECTION FIELD NOTES & PHOTOLOG REPORT

Environmental Liner Inspection Field Notes & Photolog Report



Site & Incident Information

| | | | |
|------------------------|----------------|--|------------|
| Client: | Devon Energy | Date: | 10.17.2025 |
| Site: | Fiji 17 CTB 1 | Arrival Time: | 9:38 AM |
| Incident ID: | nAPP2522447834 | <div><p>Photo of Lease Sign</p></div> | |
| Client Contact: | Jim Raley | | |
| Land Status: | BLM | | |
| County: | Eddy | | |
| Lease ID: | NMNM045235 | | |
| Facility ID: | fAPP2130240832 | | |
| 32.307530, -103.796304 | | | |

Observations and Field Notes

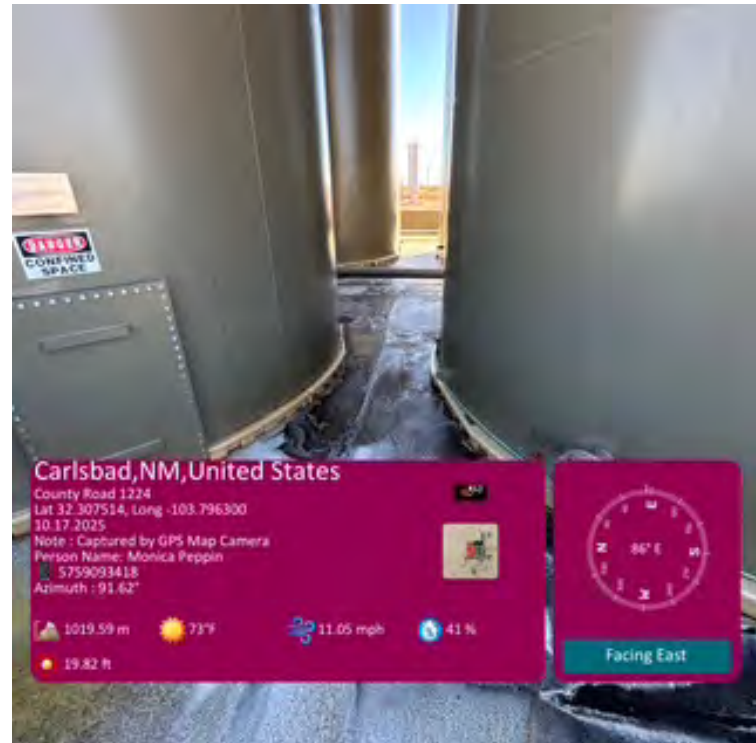
- 9:40 AM - Arrived on site. Checked vicinity around location for potential hazards and completed safety documentation.
- 9:48 AM - Begin inspection by inspecting liner visually by walking around containment.
- 9:52 AM - Liner surface had some salt residual but did not affect inspection of liner. Liner is fully intact and in good condition.
- 9:58 AM - No rips, tears, punctures, or areas of concern identified. Seams do not show any signs of separation or evidence of degradation.
- 10:02 AM - Completed inspection. Photos taken from all cardinal directions, in between tanks, and various angles of equipment.
- 10:09 AM - Liner passes inspection and meets compliance standards.



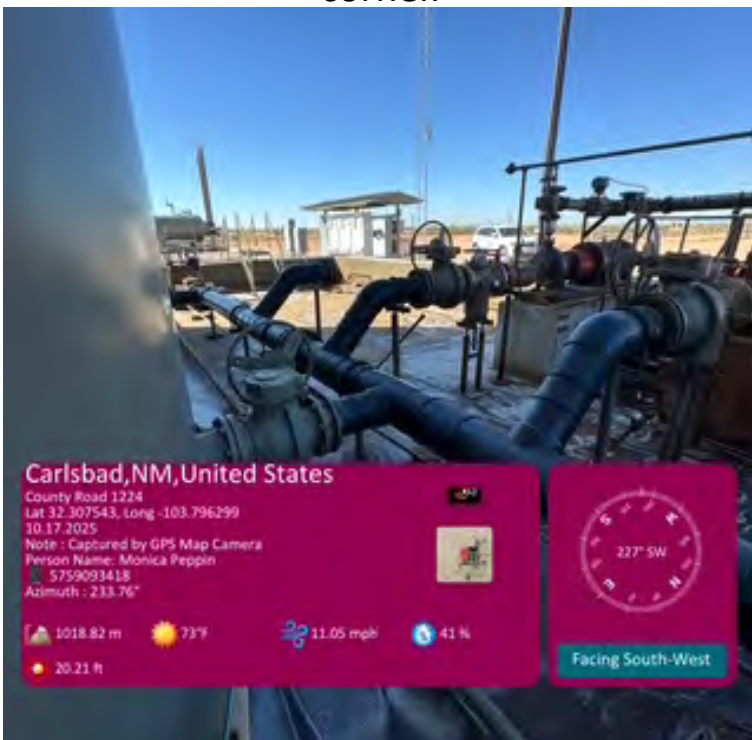
Photolog



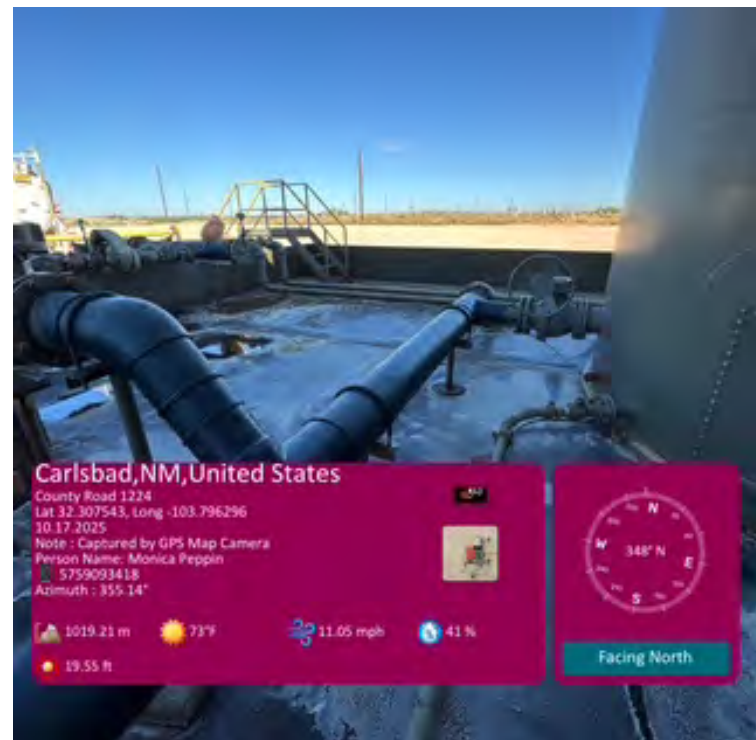
West area of containment from southwest corner.



Liner between tanks from west side.



Southwest area of containment near transfer pumps.



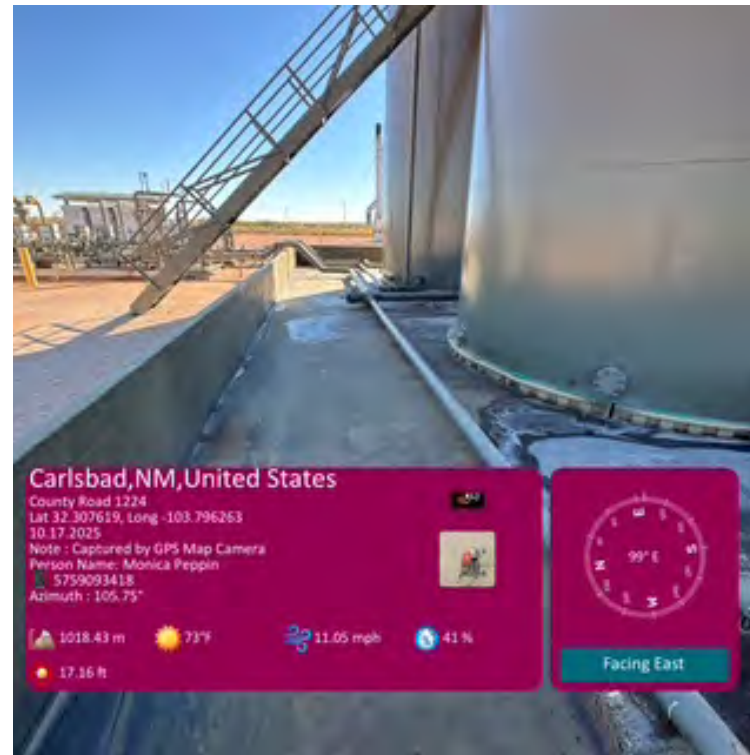
Northwest area of liner near transfer pumps.



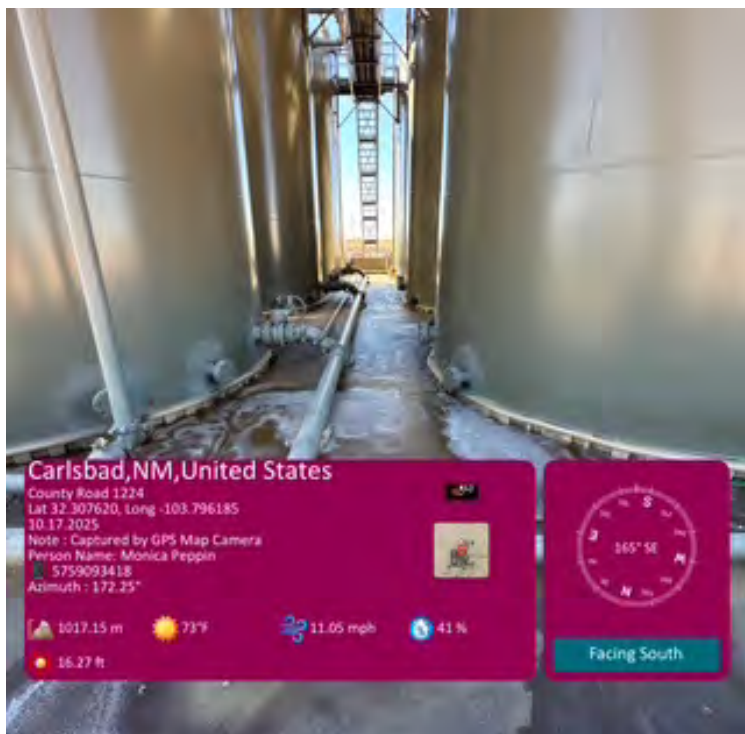
Photolog



Liner between tanks from west area.



North wall area of containment.



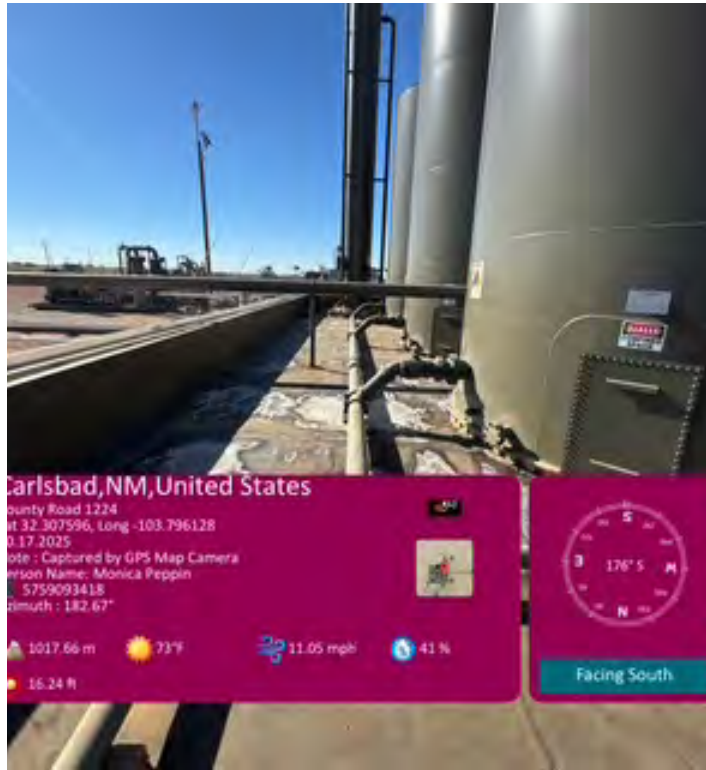
Liner between tanks under catwalk



Liner on north end of containment.



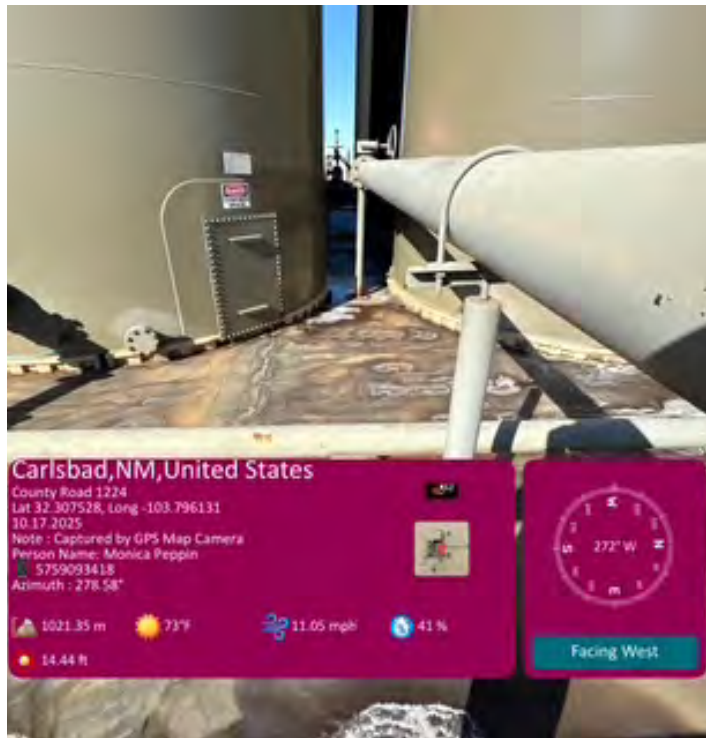
Photolog



East wall area of containment from north side.



West side of containment facing north from southwest corner.



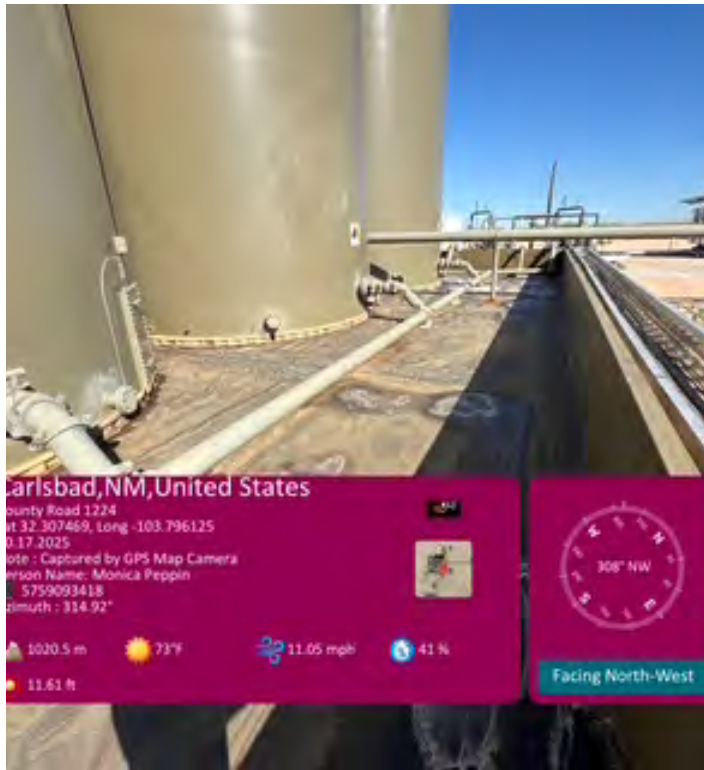
Liner between tanks from east side.



Liner between tanks from east side.



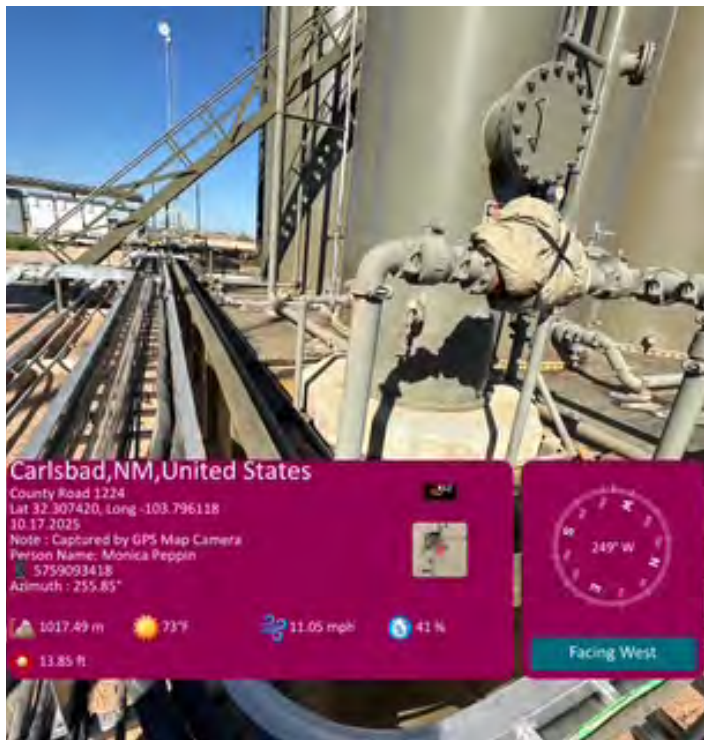
Photolog



East area of containment.



South area of containment.



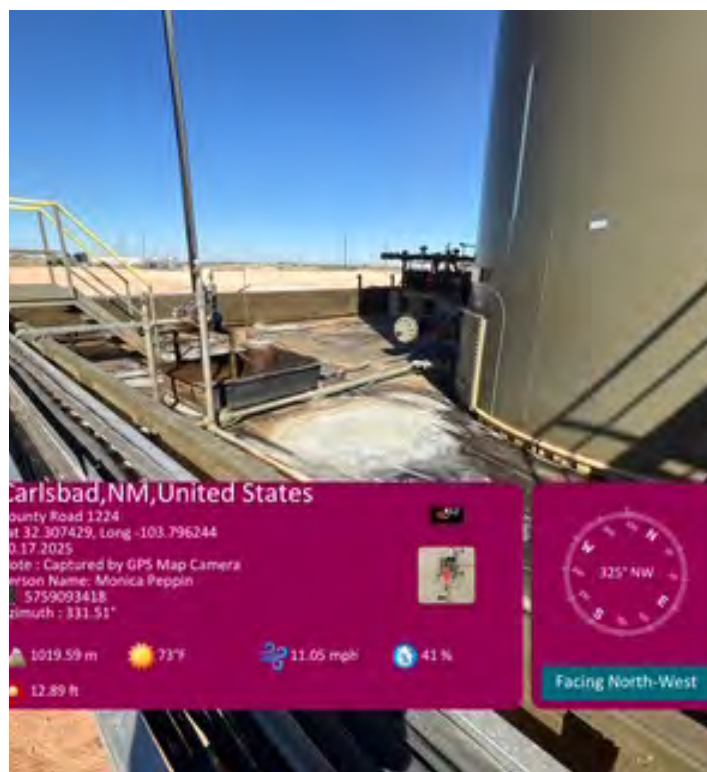
South end of containment from
east side.



East area from south corner.



Photolog



Southwest corner of containment.



West side of containment.



South end of containment.




Additional Notes & Recommendations

- Inspection complete.
- Liner meets standards and is in compliance.
- Upload field notes and photolog report to project folder.
- Prep supporting documents for appendices of final closure request report.
- Draft closure report and submit for regulatory review once internal review is complete.
- Send Report to Devon for review and submission to Online Portal for closure request and approval.

Acknowledgement & Signature

Technician: Monica Peppin

Date: October 17, 2025

Signature: 

Departure
Time: 10:29 AM



APPENDIX B

CLOSURE CRITERIA RESEARCH

Fiji 17 CTB 1

Coordinates: 32.307530, -103.796304
Approx. Area: 4,662 sq ft

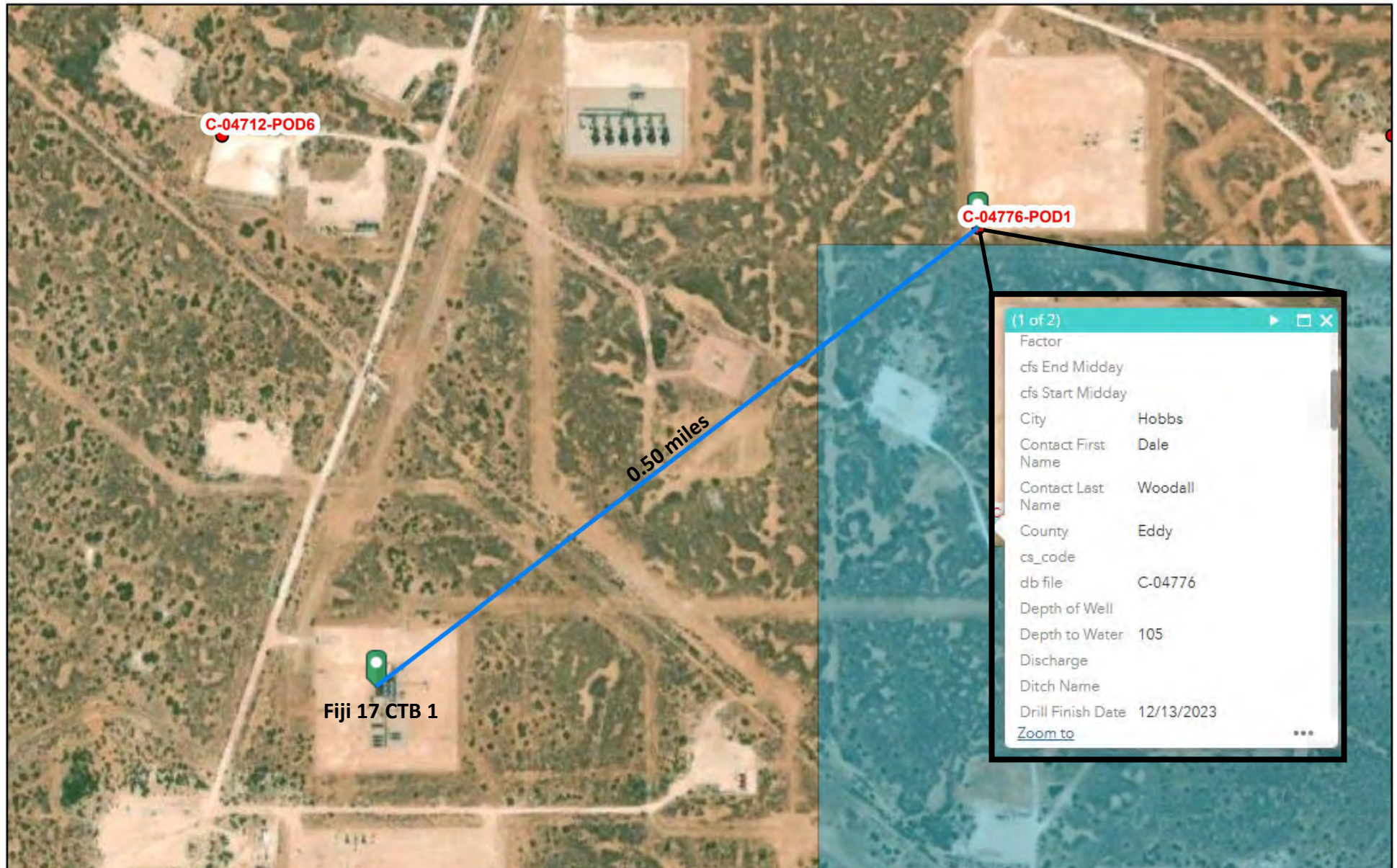
Legend

Containment Area

Fiji 17 CTB 1



Fiji 17 CTB 1 - Depth to Groundwater Map



9/22/2025, 3:33:47 PM

— Override 1 OSE District Boundary

GIS WATERS PODs New Mexico State Trust Lands

● Plugged Both Estates

Nearest OSE Pod

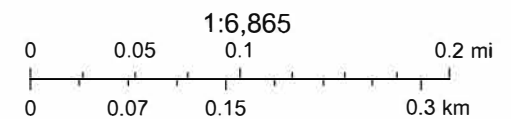
C-04776

Distance

0.50 miles

Depth of Pod

105 ft bgs



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

Monica Peppin

This is an unofficial map from the OSE's online application.

File No. **C-4776 ROD1**

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

| | | |
|---|--|---|
| Purpose: | <input type="checkbox"/> Pollution Control And/Or Recovery | <input type="checkbox"/> Ground Source Heat Pump |
| <input type="checkbox"/> Exploratory Well*(Pump test) | <input type="checkbox"/> Construction Site/Public Works Dewatering | <input checked="" type="checkbox"/> Other(Describe): Exploratory Borehole |
| <input type="checkbox"/> Monitoring Well | <input type="checkbox"/> Mine Dewatering | |

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

| | |
|--|--------------------------------|
| <input checked="" type="checkbox"/> Temporary Request - Requested Start Date: 09/25/2023 | Requested End Date: 11/06/2023 |
|--|--------------------------------|

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

| | |
|---|---|
| Name: Devon Energy Resources | Name: |
| Contact or Agent: Dale Woodall | Contact or Agent: |
| check here if Agent <input type="checkbox"/> | check here if Agent <input type="checkbox"/> |
| Mailing Address: 205 E Bender Road # 150 | Mailing Address: |
| City: Hobbs | City: |
| State: NM | State: |
| Zip Code: 88240 | Zip Code: |
| Phone: 405-318-4697 | Phone: |
| Phone (Work): | Phone (Work): |
| <input type="checkbox"/> Home <input type="checkbox"/> Cell | <input type="checkbox"/> Home <input type="checkbox"/> Cell |
| E-mail (optional): dale.woodall@dvn.com | E-mail (optional): |

OSE OFF SEP 15 2023 AM 11:07

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 07/12/22

| | | |
|--|----------------------------------|-----------------------------|
| File No. C-4776 | Trn. No.: 751180 | Receipt No.: 2-46212 |
| Trans Description (optional): MON | | |
| Sub-Basin: CWB | PCW/LOG Due Date: 9/18/24 | |

Page 1 of 3

2. WELL(S) Describe the well(s) applicable to this application.

| | | | |
|---|-----------------------------------|---|---|
| Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above. | | | |
| <input type="checkbox"/> NM State Plane (NAD83) (Feet) <input type="checkbox"/> UTM (NAD83) (Meters) <input checked="" type="checkbox"/> Lat/Long (WGS84) (to the nearest 1/10 th of second) <input type="checkbox"/> NM West Zone <input type="checkbox"/> Zone 12N <input type="checkbox"/> NM East Zone <input type="checkbox"/> Zone 13N <input type="checkbox"/> NM Central Zone | | | |
| Well Number (if known): | X or Easting or Longitude: | Y or Northing or Latitude: | Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name |
| C-4776 POD1 | -103.789500 | 32.311900 | Section 09, T23S, R31E |
| | | | |
| | | | |
| | | | |
| | | | |
| NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many <u>NA</u> | | | |
| Other description relating well to common landmarks, streets, or other: | | | |
| Ko Lanta 9 4 Federal Com #621H | | | |
| Well is on land owned by: BLM | | | |
| Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____ | | | |
| Approximate depth of well (feet): 105 | | Outside diameter of well casing (inches): 2 | |
| Driller Name: Vision Resources Jason Maley | | Driller License Number: 1833 | |

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Devon plans to have a licensed water well driller install an exploratory soil boring on location to determine the depth of groundwater. The soil boring will be installed up to a depth of 105 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type 1/11 Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs. The event will begin September 25, 2023 and continue through November 06, 2023.

Ko Lanta 9 4 Federal Com #621H, 32.311900,-103.789500

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.:

Trn No.:

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

| | | | |
|--|--|---|---|
| Exploratory: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of the requested pump test if applicable. | Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located. | Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation. <input type="checkbox"/> The estimated duration of the operation. <input type="checkbox"/> The maximum amount of water to be diverted. <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of. Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project. <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request. | Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect. |
|--|--|---|---|

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Dale Woodall

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Dale Woodall

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 19th day of September 20 23, for the State Engineer,

Mike A. Hamman, P.E.

State Engineer

OSE DIV SEP 15 2023 #11107

By: K. Parekh
Signature

Print

Kashyap Parekh

Title: Water Resources Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: C-4776

Trn No.: 751180

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**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04776 POD1

File Number: C 04776

Trn Number: 751180

page: 1

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04776 POD1

File Number: C 04776

Trn Number: 751180

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04776 POD1 must be completed and the Well Log filed on or before 09/18/2024.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

ACTION OF STATE ENGINEER

| | |
|-------------------------------------|--------------------------|
| Notice of Intention Rcvd: | Date Rcvd. Corrected: |
| Formal Application Rcvd: 09/15/2023 | Pub. of Notice Ordered: |
| Date Returned - Correction: | Affidavit of Pub. Filed: |

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 19 day of Sep A.D., 2023

Mike A. Hamman, P.E., State Engineer

By:

K. Parekh
KASHYAP PAREKH

Trn Desc: C 04776 POD1

File Number: C 04776
Trn Number: 751180

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4183134264264



4183135264264

Esri, HERE, Garmin, (c) OpenStreetMap contributors, NMTRD, Larry Brotman,
U.S. Department of Energy Office of Legacy Management

Coordinates**UTM - NAD 83 (m) - Zone 13**

Easting 613953.978

Northing 3575651.224

State Plane - NAD 83 (f) - Zone E

Easting 709350.102

Northing 477625.871

Degrees Minutes Seconds

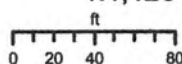
Latitude 32 : 18 : 42.840000

Longitude -103 : 47 : 22.200000

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:1,128



9/19/2023



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately integrate the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, location, verification, positional accuracy, development methodology, interpretation of source data, and other inaccuracies. These maps are distributed "as is" without warranty of any kind.

Spatial Information**County:** Eddy**Groundwater Basin:** Carlsbad**Abstract Area:** Carlsbad 72-12-1**Land Grant:** Northern New Mexico**Restrictions:**

NA

PLSS Description**SESWSWSW Qtr of Sec 09 of 023S 031E**

Derived from CADNSDI- Qtr Sec. locations are
calculated and are only approximations

Parcel Information**UPC/DocNum:** 4183134264264**Parcel Owner:** Bureau Of Land**Address:** Se Of 98-1 Mills Ranch Road
Loving 88256

Legal: Quarter: Ne S: 9 T: 23S R: 31E Quarter: Nw S: 9 T:
23S R: 31E Quarter: Sw S: 9 T: 23S R: 31E Quarter:
Se S: 9 T: 23S R: 31E All

POD Information**Owner:****File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:**

| | | | | | | |
|---|--|--|---|---|---|---|
| <input type="checkbox"/> Calculated PLSS | <input type="checkbox"/> Catron County Parcels 2023 | <input type="checkbox"/> Dona Ana County Parcels 2023 | <input type="checkbox"/> Lea County Parcels 2023 | <input type="checkbox"/> Otero County Parcels 2023 | <input type="checkbox"/> San Juan County Parcels 2023 | <input type="checkbox"/> Taos County Parcels 2023 |
| <input checked="" type="checkbox"/> Coord Search Location | <input type="checkbox"/> Chaves County Parcels 2023 | <input type="checkbox"/> Eddy County Parcels 2023 | <input type="checkbox"/> Lincoln County Parcels 2023 | <input type="checkbox"/> Quay County Parcels 2023 | <input type="checkbox"/> San Miguel County Parcels 2023 | <input type="checkbox"/> Torrance County Parcels 2023 |
| <input type="checkbox"/> OSE District Boundary | <input type="checkbox"/> Cibola County Parcels 2023 | <input type="checkbox"/> Grant County Parcels 2023 | <input type="checkbox"/> Los Alamos County Parcels 2023 | <input type="checkbox"/> Rio Arriba County Parcels 2023 | <input type="checkbox"/> Santa Fe County Parcels 2023 | <input type="checkbox"/> Union County Parcels 2023 |
| <input type="checkbox"/> New Mexico State Trust Lands | <input type="checkbox"/> Colfax County Parcels 2023 | <input type="checkbox"/> Guadalupe County Parcels 2023 | <input type="checkbox"/> Luna County Parcels 2023 | <input type="checkbox"/> Roosevelt County Parcels 2023 | <input type="checkbox"/> Sierra County Parcels 2023 | <input type="checkbox"/> Valencia County Parcels 2023 |
| <input checked="" type="checkbox"/> Both Estates | <input type="checkbox"/> Curry County Parcels 2023 | <input type="checkbox"/> Harding County Parcels 2023 | <input type="checkbox"/> McKinley County Parcels 2023 | <input type="checkbox"/> Sandoval County Parcels 2023 | <input type="checkbox"/> Socorro County Parcels 2023 | <input checked="" type="checkbox"/> Site Boundaries |
| <input type="checkbox"/> Bernalillo County Parcels 2023 | <input type="checkbox"/> De Baca County Parcels 2023 | <input type="checkbox"/> Hidalgo County Parcels 2023 | <input type="checkbox"/> Mora County Parcels 2023 | | | |

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 751180
File Nbr: C 04776

Sep. 19, 2023

DALE WOODALL
DEVON ENERGY RESOURCES
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Azucena Ramirez".

Azucena Ramirez
(575) 622-6521

Enclosure

explore

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well ☐ Oil Well ☐ Gas Well ☒ Other2. Name of Operator **Devon Energy Resources**3a. Address
205 E Bender Road # 150, Hobbs NM, 882403b. Phone No. (include area code)
405-318-46974. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**32.31190, -103.78950
Section 09, T23S, R31E**

5. Lease Serial No.

NMINM077046

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Ko Lanta 9 4 Federal Com #621H

9. API Well No.

30-015-47419

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Eddy County, New Mexico**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|---|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other Depth to |
| | <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | groundwater |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | exploratory borehole |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Resources plans to have a licensed water well driller install an exploratory soil boring on location to determine the depth of groundwater. The soil boring will be installed up to a depth of 105 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type 1/11 Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs. The event will potentially begin on September 25th, 2023 and may continue through November 6th, 2023 pending a drilling rig's availability to execute the exploratory borehole.

SEE DTI SEP 15 2023 #11107

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Dale WoodallTitle **Environmental Professional**

Signature

Date

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved by **CRISHA MORGAN**Digitally signed by CRISHA MORGAN
Date: 2023.09.05 13:09:15 -06'00'Title **EPS**Date **09/05/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **CFO**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICES

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington D.C. 20240

(Form 3160-5, page 2)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMNM77046

September 5, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Ko Lanta 9 4 Federal Com 621H
3001547419
Sec 09, T23S, R31E
Eddy County, New Mexico

050 OCT 05 15 2023 AM 11:07

To Whom It May Concern:

The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 105 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Resources will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type 1/11 neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

CRISHA MORGAN

Digitally signed by CRISHA
MORGAN
Date: 2023.09.05 13:09:57 -06'00'

Crisha A. Morgan
Certified Environmental Protection Specialist



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-6776-POD1

Name of well owner: Devon Energy Resources

Mailing address: 205 E Bender Road # 150 County: Lea

City: Hobbs State: NM Zip code: 88240

Phone number: 405-318-4697 E-mail: Dale.Woodall@DVN.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Vision Resources, Jason Maley

New Mexico Well Driller License No.: 1833 Expiration Date: 10/07/2023

IV. WELL INFORMATION: ☐ Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 18 min, 42.84 sec
Longitude: -103 deg, 47 min, 22.2 sec, NAD 83

2) Reason(s) for plugging well(s):

32.311900,-103.789500 - No water found

OSE DII SEP 15 2023 AM 11:08

3) Was well used for any type of monitoring program? no If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? no If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: No water feet below land surface / feet above land surface (circle one)

6) Depth of the well: 105 feet

751180

- 7) Inside diameter of innermost casing: 2 inches.
- 8) Casing material: PVC
- 9) The well was constructed with:
☐ an open-hole production interval, state the open interval: _____
☒ a well screen or perforated pipe, state the screened interval(s): 100-105 Feet
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? None
- 11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:
- 12) Has all pumping equipment and associated piping been removed from the well? Yes If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: ☐ If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Temporary PVC casing will be removed and approximately 9.4 Cubic feet bentonite chips will be placed in well.
- 2) Will well head be cut-off below land surface after plugging? No well head will be installed.

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: DNA
- 4) Type of Cement proposed: DNA
- 5) Proposed cement grout mix: DNA gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: DNA batch-mixed and delivered to the site
DNA mixed on site

- 7) Grout additives requested, and percent by dry weight relative to cement:

Grout not planned

- 8) Additional notes and calculations:

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

Devon plans to have a licensed water well driller install an exploratory soil boring on location to determine the depth of groundwater. The soil boring will be installed up to a depth of 105 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type 1/11 Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs. The event will begin September 25, 2023 and continue through November 06, 2023.
Ko Lanta 9 4 Federal Com #621H at 32.311900,-103.789500

VIII. SIGNATURE:

I, Dale Woodall, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Dale Woodall

9/14/2023

Signature of Applicant

Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

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☒ Approved subject to the attached conditions.
☐ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 25th day of September, 2023



Mike A. Hamman P.E., New Mexico State Engineer

By: K. Parekh
KASHYAP PAREKH
W.R.M.I

WD-08 Well Plugging Plan
Version: March 07, 2022
Page 3 of 5

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

| | Interval 1 – deepest | Interval 2 | Interval 3 – most shallow Note: if the well is non-artesian and breaches only one aquifer, use only this column. |
|---|-----------------------------|-------------------|--|
| Top of proposed interval of grout placement (ft bgl) | Does Not Apply (DNA) | DNA | DNA |
| Bottom of proposed interval of grout placement (ft bgl) | DNA | DNA | DNA |
| Theoretical volume of grout required per interval (gallons) | DNA | DNA | DNA |
| Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement | DNA | DNA | DNA |
| Mixed on-site or batch-mixed and delivered? | DNA | DNA | DNA |
| Grout additive 1 requested | DNA | DNA | DNA |
| Additive 1 percent by dry weight relative to cement | DNA | DNA | DNA |
| Grout additive 2 requested | DNA | DNA | DNA |
| Additive 2 percent by dry weight relative to cement | DNA | DNA | DNA |

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

| | Interval 1 – deepest | Interval 2 | Interval 3 – most shallow |
|---|--|------------|--|
| | | | Note: if the well is non-artesian and breaches only one aquifer, use only this column. |
| Top of proposed interval of sealant placement (ft bgl) | 1-ft. Fill to one-ft below ground surface. Top 1-ft will be filled with soil backfill. | | Zero feet below grade. |
| Bottom of proposed sealant of grout placement (ft bgl) | Bottom 105.0-ft. 0-20': Pour from surface 20 to 105': Tremie in bentonite chips. | | |
| Theoretical volume of sealant required per interval (gallons) | Under a 100 gallons of water/enough to be adequate for hydrating the bentonite | | |
| Proposed abandonment sealant (manufacturer and trade name) | Wyoming Bentonite | | |

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STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

ROSWELL

1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified wells, listed below, to be plugged. Jason Maley (Vision Resources) (WD-1833) will perform the plugging.

Permittee: Devon Energy
NMOSE Permit Number: C-4776-POD1

| NMOSE File | Casing diameter (inches) | Well depth (feet bgl) | Approximate static water level (feet bgl) | Latitude | Longitude |
|-------------|--------------------------|-----------------------|---|----------------|----------------|
| C-4776-POD1 | 6.5 (Soil Boring) | 55 | Unknown | 32° 18' 42.84" | 103° 47' 22.2" |

Specific Plugging Conditions of Approval for Well located in Eddy County, New Mexico.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.

2. Ground Water encountered: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 94.0 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 55 feet.

3. Dry Hole: The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 17.2 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 10 feet.

4. Ground Water encountered: Type I/II Portland cement mixed with 5.2 to 6.0 gallons of fresh water per 94-lb sack of cement is approved for the plugging the well.

5. Dry Hole: (a) Drill cuttings up to ten feet of land surface. (b) 10 feet to 0 feet – Hydrated bentonite. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.

6. Sealant shall be placed by pumping through a tremie pipe extended to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces

the standing water column upwards from below. Tremie pipe may be pulled as necessary to retain minimal submergence in the advancing column of sealant.

7. Should cement "shrinks-back" occur in the well, use of a tremie for topping off is required for cement placement deeper than 20 feet below land surface or if water is present in the casing. The approved sealant for topping off is identified in condition 3. and 4. of these Specific Conditions of Approval.

8. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.

9. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.

10. NMOSE witnessing of the plugging of the soil boring will not be required.

11. Any deviation from this plan must obtain an approved variance from this office prior to implementation.

12. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 21st day of September 2023

Mike A. Hamman, P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Water Resources Manager I





STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

September 21, 2023

Devon Energy
205 East Bender Road # 150
Artesia, NM 88210

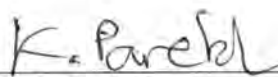
RE: Well Plugging Plan of Operations for well no. C-4776-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,


Kashyap Parekh
Water Resources Manager I



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4776

Well owner: Devon Energy Resources

Phone No.: _____

Mailing address: 20 E. Bender Road # 150

City: Hobbs

State: NM

Zip code: 88240

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Vision Resources
- 2) New Mexico Well Driller License No.: 1833 Expiration Date: 10-7-23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley
- 4) Date well plugging began: 12-18-23 Date well plugging concluded: 12-18-23
- 5) GPS Well Location: Latitude: 32 deg, 18 min, 42.84 sec
Longitude: -103 deg, 47 min, 22.2 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105' ft below ground level (bgl),
by the following manner: Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9-21-23
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

USE DIT JAN 12 2024 PM 1:52

- For each interval plugged, describe within the following columns:**

1/10/24
Date



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

Kelante Fed

| | | | | | | | | |
|---|---|---------|---|--|--|---|--------------------------------|--------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) C-4776 Pod1 | | WELL TAG ID NO. | | OSE FILE NO(S). CO4776 | | | |
| | WELL OWNER NAME(S) Devon Energy Resources | | | | PHONE (OPTIONAL) | | | |
| | WELL OWNER MAILING ADDRESS 205 E. Bender Road # 150 | | | | CITY Hobbs | | | |
| | | | | | STATE NM | | | |
| | | | | | ZIP 88240 | | | |
| WELL LOCATION (FROM GPS) | DEGREES | MINUTES | SECONDS | | * ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84 | | | |
| | LATITUDE | 32 | 18 | 42.84 N | | | | |
| | LONGITUDE | -103 | 47 | 22.2 W | | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. 1833 | | NAME OF LICENSED DRILLER Jason Maley | | | NAME OF WELL DRILLING COMPANY Vision Resources | | |
| | DRILLING STARTED 12-13-23 | | DRILLING ENDED 12-13-23 | | DEPTH OF COMPLETED WELL (FT) 105' | | BORE HOLE DEPTH (FT) 105' | |
| | | | | | DEPTH WATER FIRST ENCOUNTERED (FT) Dry hole | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | | |
| | DATE STATIC MEASURED 12-16-23 | | | | | | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: | | | | | | | |
| | CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/> | | | | | | | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| 0 | 95' | 6" | 2" PVC SCH40 | Thread | 2" | SCH40 | N/A | |
| 95' | 105' | 6" | 2" PVC SCH40 | Thread | 2" | SCH40 | .05 | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below) | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | FROM | TO | | | | | | |
| | | | | None Pulled and Plugged | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

USE ON JAN 12 2024 PM 1:52

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

| | | |
|----------------------------|-----------------|----------------|
| FILE NO. C-4776-POD1 | POD NO. 1 | TRN NO. 751180 |
| LOCATION Expl 23.31.09.333 | WELL TAG ID NO. | PAGE 1 OF 2 |

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: BIG SUPERVISION

SIGNATURE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

Mike A. Hamman, P.E.
State Engineer



well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 751180
File Nbr: C 04776
Well File Nbr: C 04776 POD1

Jan. 12, 2024

DALE WOODALL
DEVON ENERGY RESOURCES
205 E BENDER ROAD #150
HOBBS, NM 88240

Greetings:

The above numbered permit was issued in your name on 09/19/2023.

The Well Record was received in this office on 01/12/2024, stating that it had been completed on 12/13/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 09/18/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell



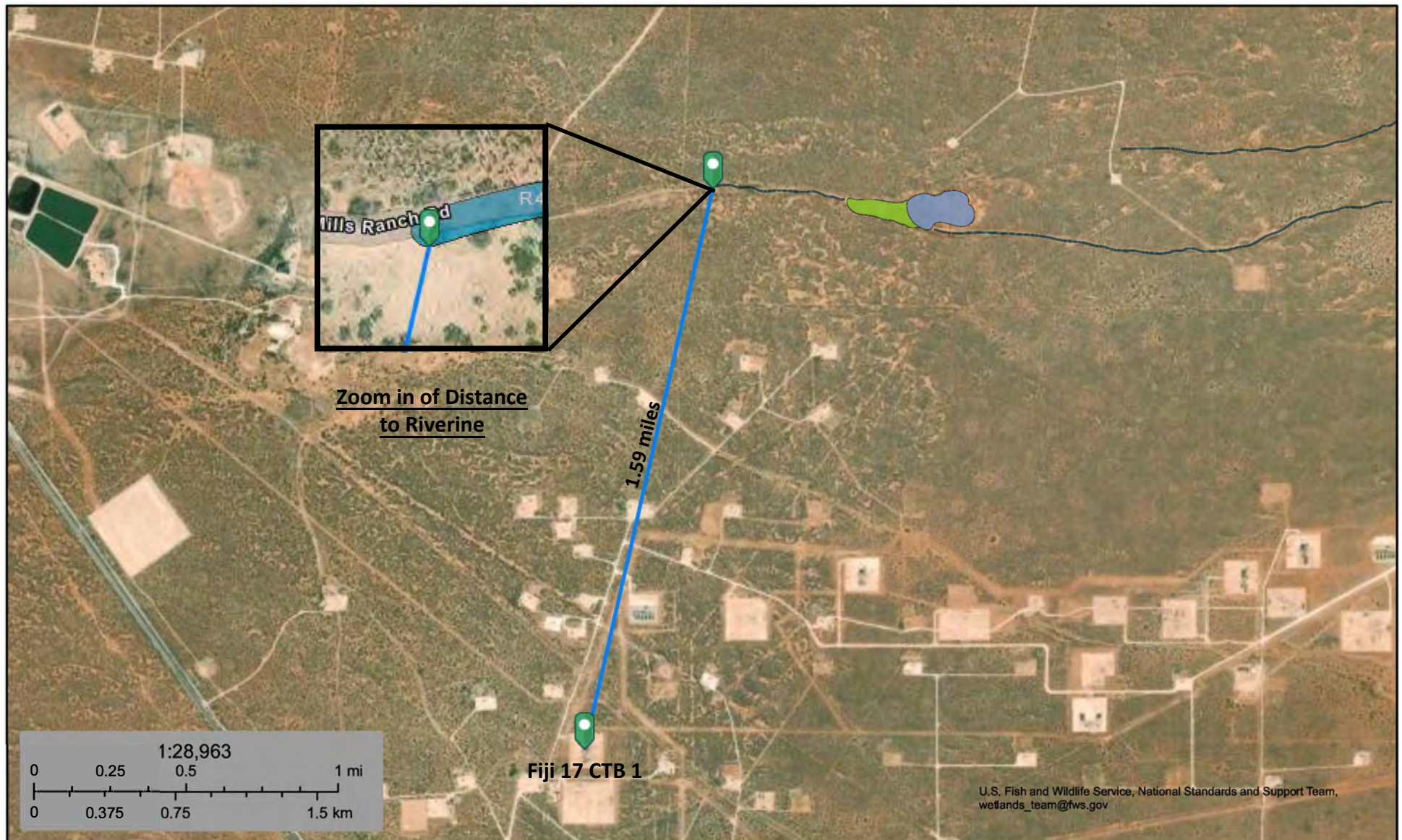
U.S. Fish and Wildlife Service

National Wetlands Inventory

Fiji 17 CTB 1

Nearest Significant Watercourse

Distance: 1.59 miles



September 22, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



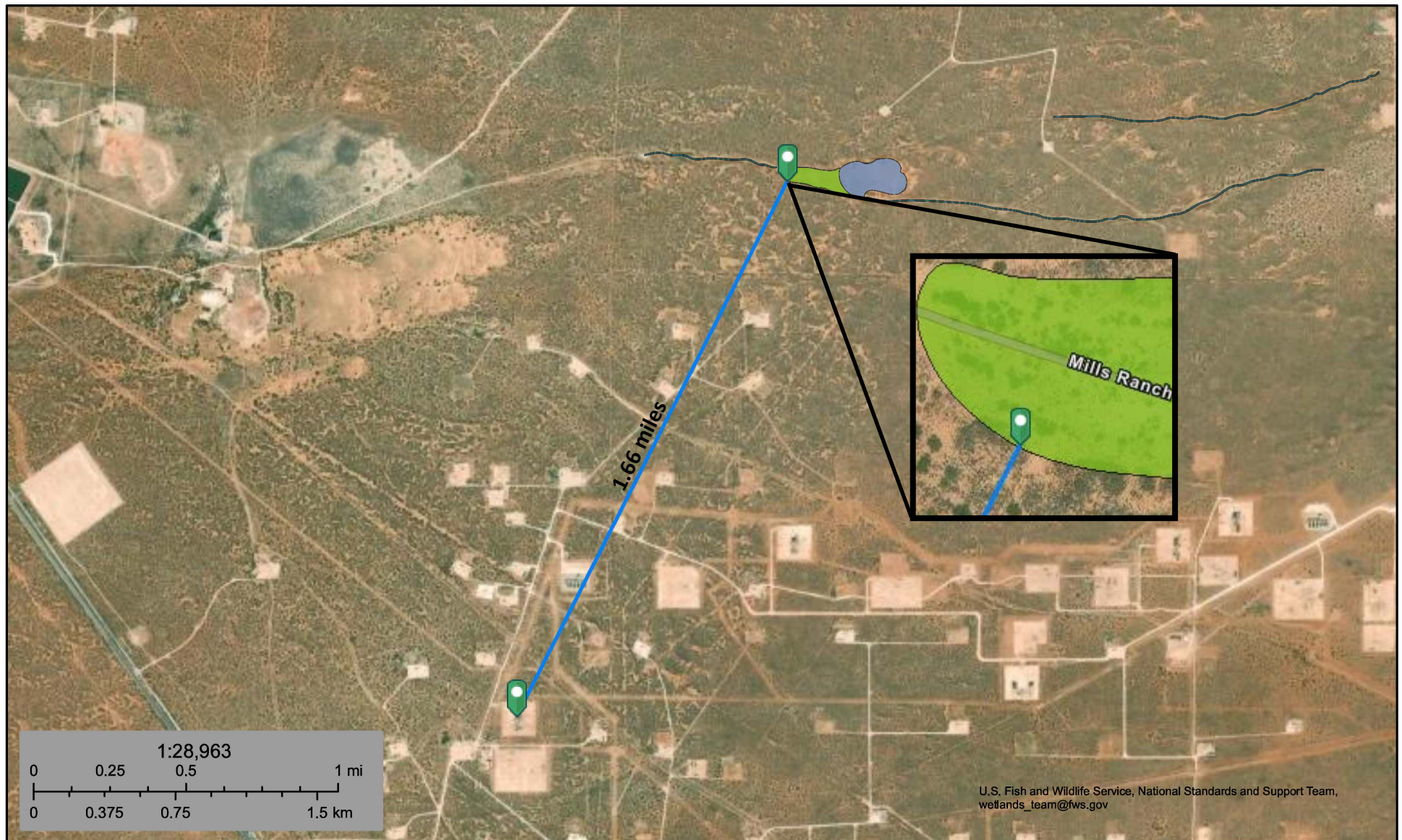
U.S. Fish and Wildlife Service

National Wetlands Inventory

Fiji 17 CTB 1

Nearest Playa and Wetlands

Distance: 1.66 miles



September 22, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond




- Lake
- Other
- Riverine

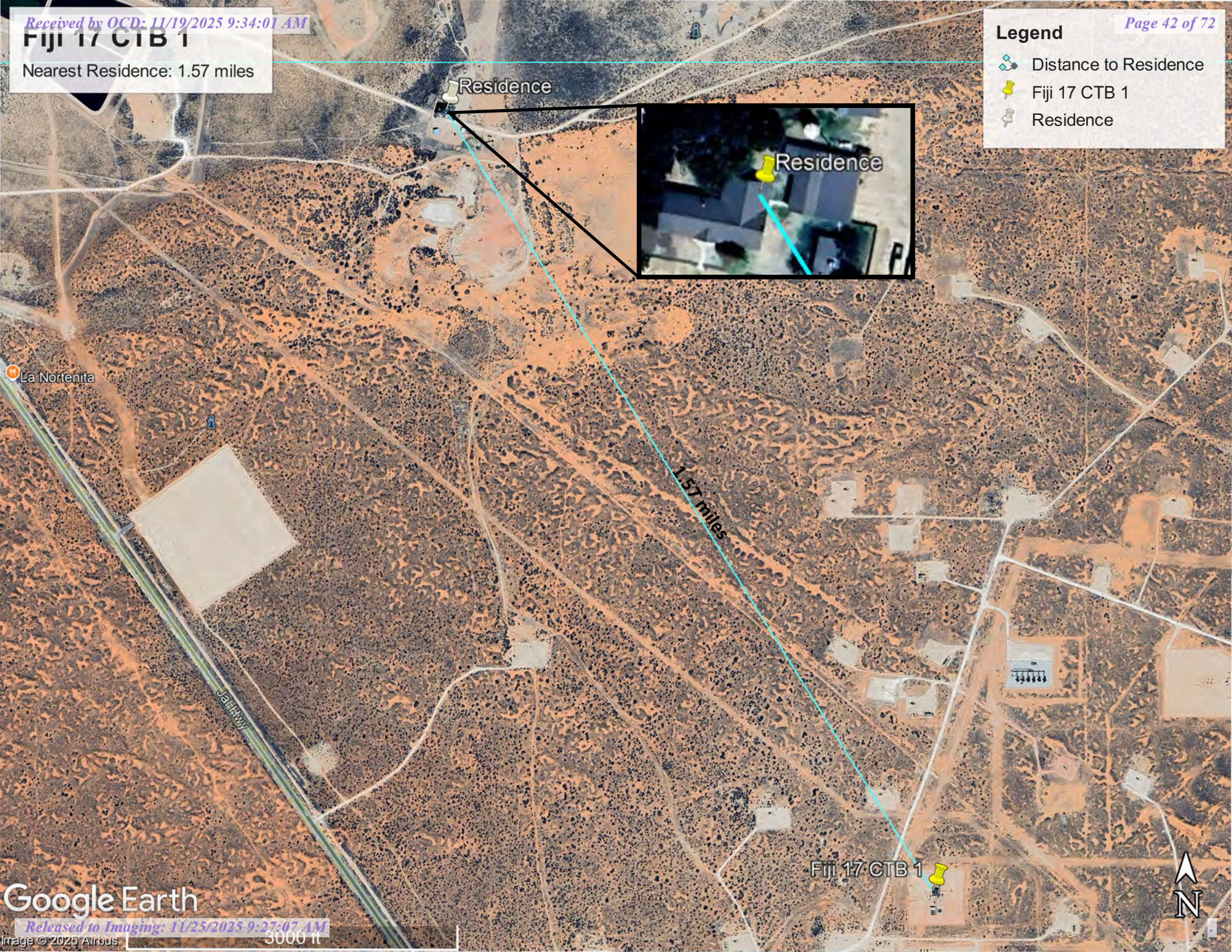
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Fiji 17 CTB 1

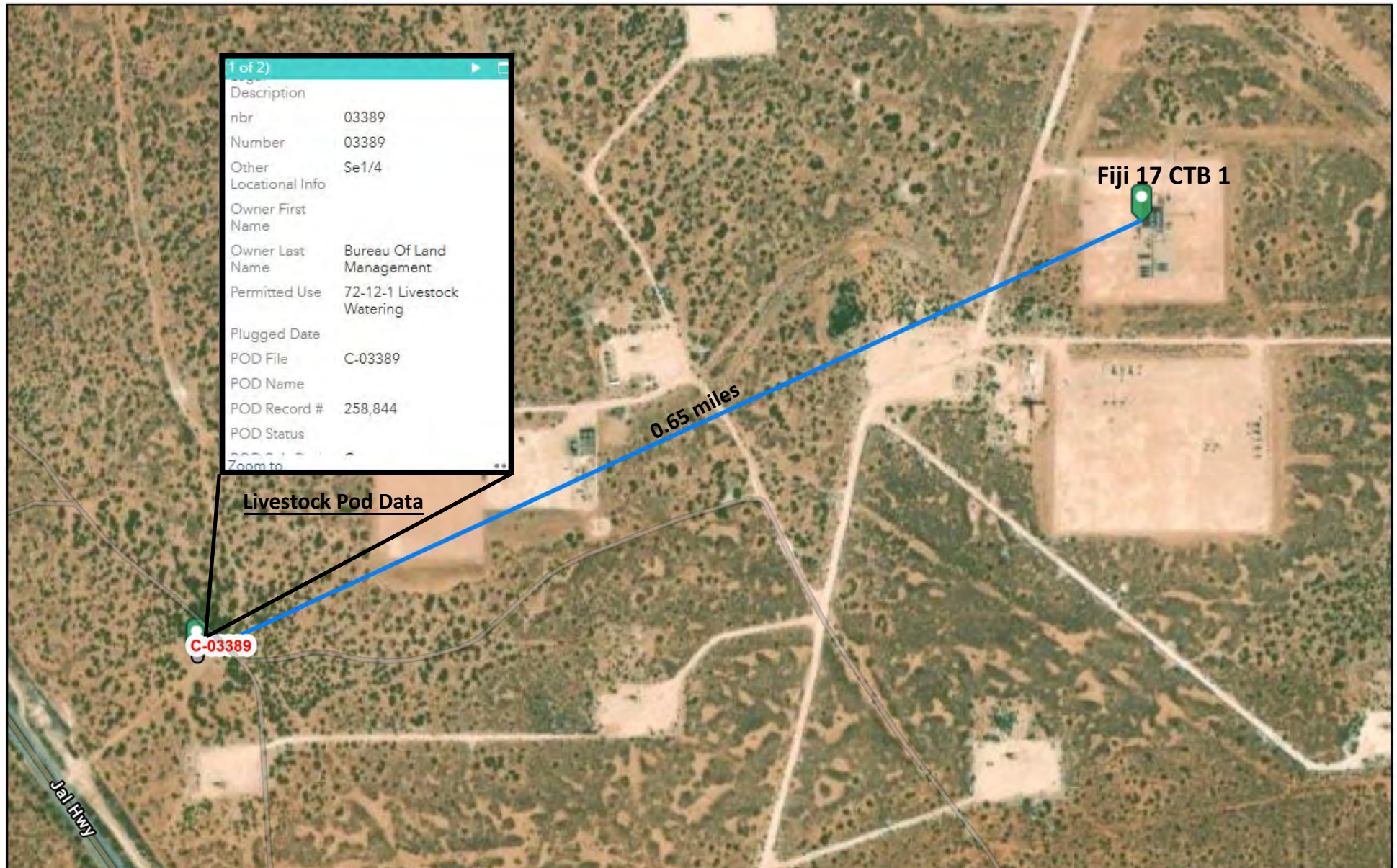
Nearest Residence: 1.57 miles

Legend

-  Distance to Residence
-  Fiji 17 CTB 1
-  Residence



Fiji 17 CTB 1 - Nearest Domestic Well Distance Map



9/22/2025, 3:28:51 PM

— Override 1 OSE District Boundary
 GIS WATERS PODs
 ● Unknown

Nearest Domestic Well
 OSE Pod C-03389
Distance
 0.65 miles




1:6,865
 0 0.05 0.1 0.2 mi
 0 0.07 0.15 0.3 km
 Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

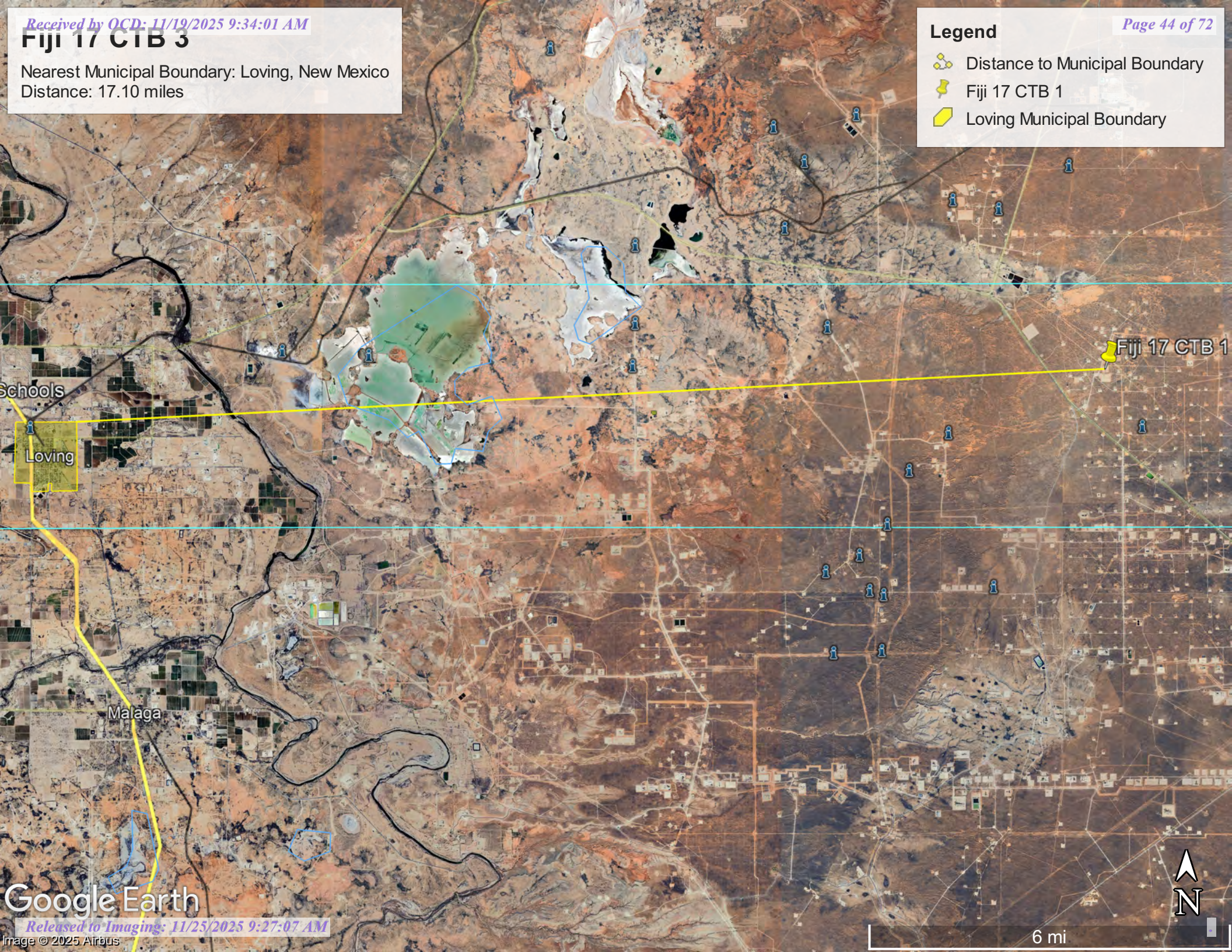
Monica Peppin
 This is an unofficial map from the OSE's online application.

Fiji 17 CTB 3

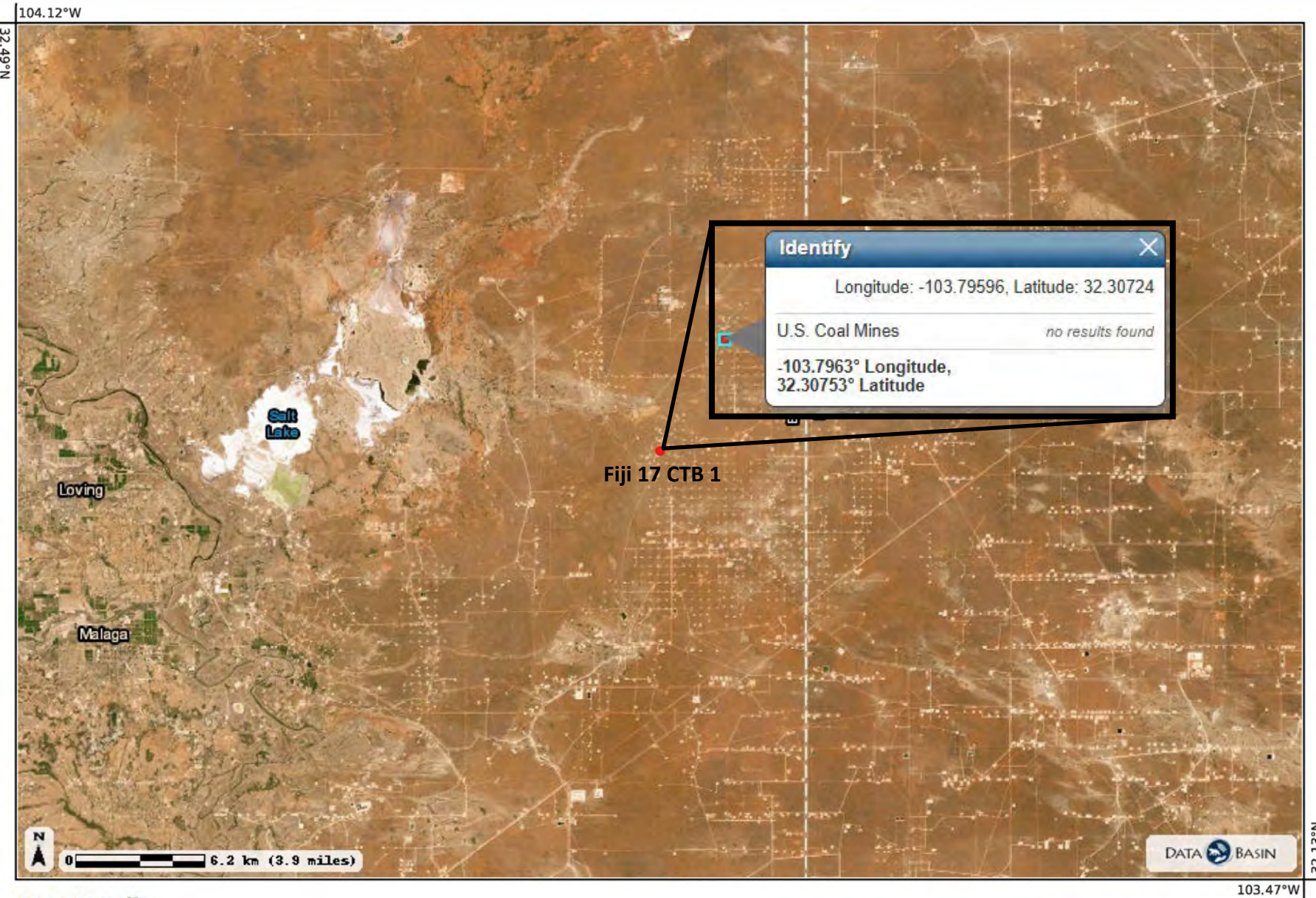
Nearest Municipal Boundary: Loving, New Mexico
Distance: 17.10 miles

Legend

-  Distance to Municipal Boundary
-  Fiji 17 CTB 1
-  Loving Municipal Boundary



Fiji 17 CTB 1 - Mines Proximity Map



Map Details

Datasets



U.S. Coal Mines

<https://databasin.org/datasets/8c78547f2a81472a92111af2c95c345a/>

Credits: EIA <https://www.eia.gov/survey/#eia-7a>

Layers: U.S. Coal Mines



Medium Karst Area

1.24 miles

Fiji 17 CTB 1

Fiji 17 CTB 1 - Karst Potential Map

0 0.07 0.15 0.3
mi**New Mexico State Land Office**

Disclaimer:
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Released to Imaging: 11/25/2025 9:27:07 AM
Map Created: 9/22/2025

● User drawn points

Karst_Potential_NM

Potential

 Critical High Medium

❖ Site is not located within a karst potential zone

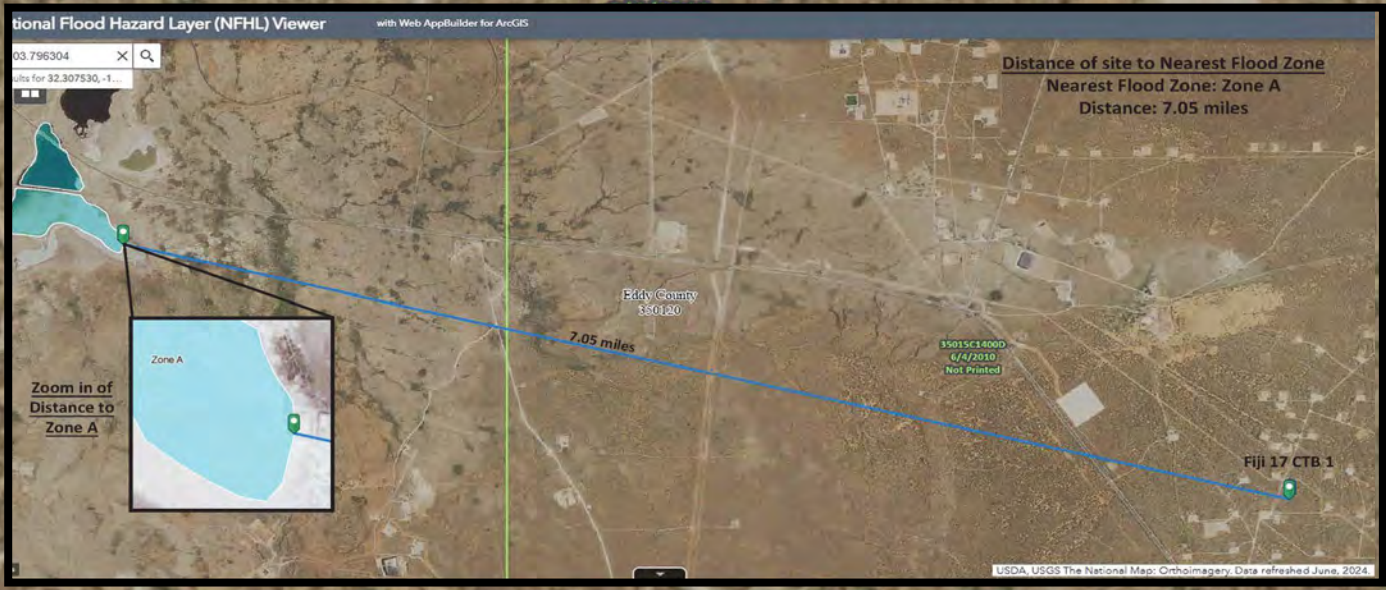
❖ Distance to Medium Karst - 1.24 miles



National Flood Hazard Layer FIRMette



103°48'5"W 32°18'42"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 | | 20.2 Cross Sections with 1% Annual Chance |
| | | 17.5 Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | Profile Baseline | |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |

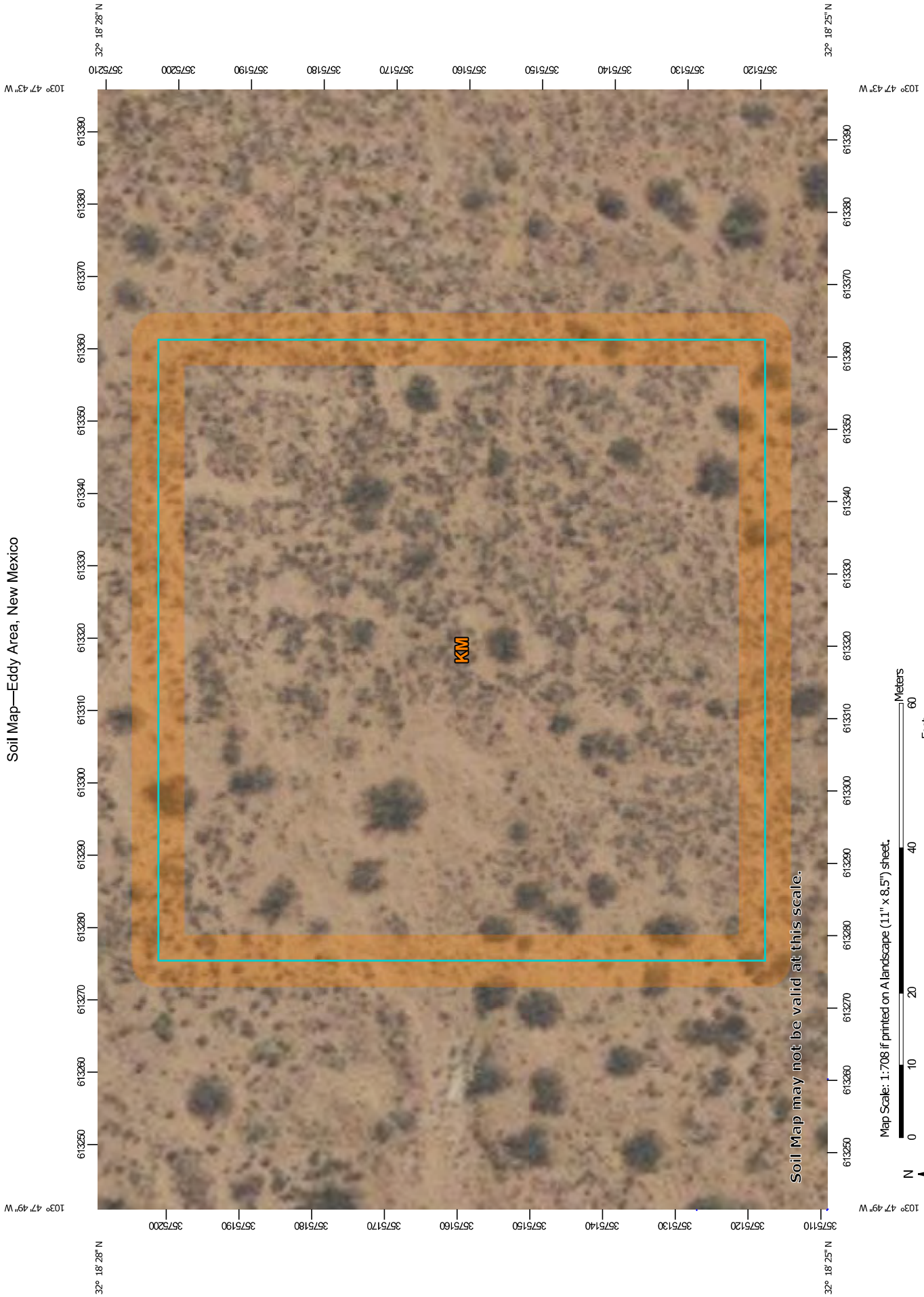
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 10/9/2025 at 10:37 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.

Soil Map—Eddy Area, New Mexico



Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|---|--------------|----------------|
| KM | Kermit-Berino fine sands, 0 to 3 percent slopes | 1.8 | 100.0% |
| Totals for Area of Interest | | 1.8 | 100.0% |

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Alluvial fans, plains

Landform position (three-dimensional): Talf, rise

Down-slope shape: Linear, convex

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Fan piedmonts, plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Ecological site R070BD005NM Deep Sand

Accessed: 10/09/2025

General information

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Table 1. Dominant plant species

| | |
|------------|---------------|
| Tree | Not specified |
| Shrub | Not specified |
| Herbaceous | Not specified |

Physiographic features

This site occurs on terraces, Piedmonts, dunes fields, or upland plains. Parent material consists of eolian deposits and alluvium derived from sandstone. Slopes range from 0 to 15 percent, usually less than 5 percent. Low, stabilized hummocks or dunes frequently occur. Elevations range from 2,842 to 4,500 feet.

Table 2. Representative physiographic features

| | |
|--------------------|---|
| Landforms | (1) Dune (2) Parna dune (3) Terrace |
| Flooding frequency | None |
| Ponding frequency | None |
| Elevation | 2,842–4,500 ft |
| Slope | 15% |
| Aspect | Aspect is not a significant factor |

Climatic features

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and

large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer.

The average frost-free season is 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November.

Both temperature and moisture favor warm season perennial plant growth. During years of abundant winter and early spring moisture, cool season growth and annual forbs, make up an important component of this site. Strong winds blow from the west from January through June, which accelerates soil drying during a critical period for cool season plant growth.

Climate data was obtained from <http://www.wrcc.sage.dri.edu/summary/climsmnm.html> web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

| | |
|-------------------------------|----------|
| Frost-free period (average) | 221 days |
| Freeze-free period (average) | 240 days |
| Precipitation total (average) | 13 in |

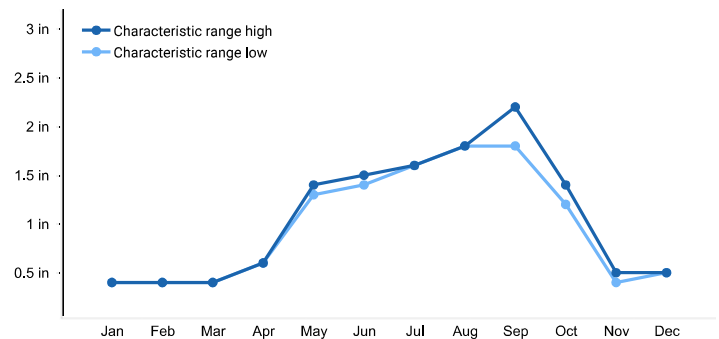


Figure 2. Monthly precipitation range

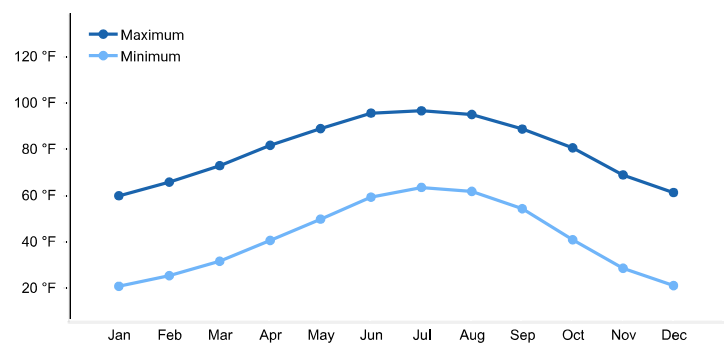


Figure 3. Monthly average minimum and maximum temperature

| | |
|---|---------------|
| Electrical conductivity (0–40in) | 4 mmhos/cm |
| Sodium adsorption ratio (0–40in) | 2 |
| Soil reaction (1:1 water) (0–40in) | 6.6–7.8 |
| Subsurface fragment volume <=3" (Depth not specified) | 5–10% |
| Subsurface fragment volume >3" (Depth not specified) | Not specified |

Influencing water features

This site is not influenced from water from wetlands or streams.

Soil features

Soils are deep or very deep. Surface textures are sand loam, fine sand or loamy fine sand, Underlying material textures are loamy fine sand, fine sand, sand or fine sandy loam. Because of the coarse textures and rapid drying of the surface, the soil, if unprotected by plant cover and organic residue, becomes windblown and low hummocks or dunes are formed around shrubs.

Characteristic soils are:

- Anthony
- Aguena
- Kermit
- Likes
- Pintura
- Bluepoint

Table 4. Representative soil features

| | |
|---------------------------------------|--|
| Surface texture | (1) Sand (2) Fine sand (3) Loamy fine sand |
| Family particle size | (1) Sandy |
| Drainage class | Well drained to excessively drained |
| Permeability class | Moderate to very rapid |
| Soil depth | 60–72 in |
| Surface fragment cover <=3" | 5% |
| Surface fragment cover >3" | Not specified |
| Available water capacity (0–40in) | 3–5 in |
| Calcium carbonate equivalent (0–40in) | 5–15% |

Ecological dynamics

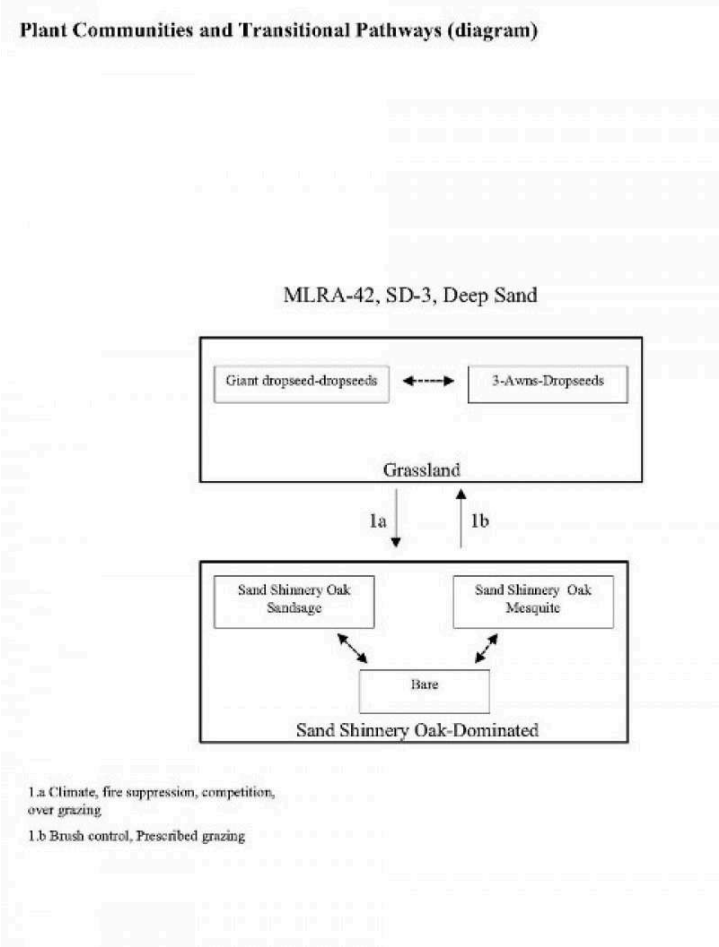
Overview

The Deep Sand site occurs adjacent to and/or intergraded with the

Sandhills and Sandy sites (SD-3). The Deep Sand site can be distinguished by slopes less than eight percent (approximately five percent) and textural changes at depths greater than 40 inches. The Deep Sand site has well drained soils with a surface texture of sand or loamy fine sand. The Sandhills site has slopes greater than

eight percent and textural depths greater than 60 inches. Conversely, the Sandy site has slopes less than five percent and depths to textural change commonly around 20 inches. The historic plant community of the Deep Sand site is dominated primarily by giant dropseed (*Sporobolus giganteus*) and other dropseeds (*S. flexuosus*, *S. contractus*, *S. cryptandrus*), with scattered shinnery oak (*Quercus havardii*) and soapweed yucca (*Yucca glauca*). Other herbaceous species include threeawns (*Aristida* spp.), bluestems (*Schizachyrium scoparium* and *Andropogon hallii*), and annual and perennial forbs distributed relative to precipitation occurrences. Bare ground and litter compose a significant proportion of ground cover while grasses are the remainder. Shinnery oak will increase with an associated decrease in dropseed and bluestem abundance possibly due to climatic change, fire suppression, interspecific competition, and excessive grazing. Continued grass cover loss may result in a transition to a shinnery oak dominated state with increases in sand sage (*Artemisia filifolia*) and honey mesquite (*Prosopis glandulosa*). However, brush management may restore the grassland component and reverse the shinnery oak state back toward the historic plant community.

State and transition model



State Containing Historic Plant Community Grassland: The historic plant community is dominated by giant dropseed, other dropseeds, threeawns, and bluestems. Dominant woody plants include shinnery oak and soapweed yucca. Forb abundance and distribution varies and is dependent on annual rainfall. The Deep Sand site typically exists in sandy plains and dunes (Sosebee 1983). Grass dominance stabilizes the potentially erosive sandy soils. Historical fire suppression, however, may have contributed to increased woody plant abundance, which has reduced grass species. Further, drought conditions compounded with excessive grazing likely has driven most grass species out of competition with shrubs which has resulted in a shinnery oak dominated state with sand sage and mesquite (Young et al. 1948). Diagnosis: Grassland dominated by dropseeds, threeawns, and bluestems. Small shrubs, such as shinnery oak and soapweed yucca, and subshrubs are dispersed throughout the grassland. Other grasses that could appear on this site would include: flatsedge, almejita signalgrass, big bluestem, Indiangrass, fall witchgrass, hairy grama and red lovegrass Other shrubs include: fourwing saltbush, mesquite, ephedra and broom snakeweed. Other forbs include: wooly and scarlet gaura, wooly dalea, phlox heliotrope, scorpionweed, deerstongue, fleabane, nama, hoffmanseggia, lemon beebalm and stickleaf.

Table 5. Annual production by plant type

| Plant Type | Low (Lb/Acre) | Representative Value (Lb/Acre) | High (Lb/Acre) |
|-----------------|---------------|--------------------------------|----------------|
| Grass/Grasslike | 396 | 858 | 1320 |
| Shrub/Vine | 108 | 234 | 360 |
| Forb | 96 | 208 | 320 |
| Total | 600 | 1300 | 2000 |

Table 6. Ground cover

| | |
|-----------------------------------|--------|
| Tree foliar cover | 0% |
| Shrub/vine/liana foliar cover | 0% |
| Grass/grasslike foliar cover | 15-20% |
| Forb foliar cover | 0% |
| Non-vascular plants | 0% |
| Biological crusts | 0% |
| Litter | 35-40% |
| Surface fragments >0.25" and <=3" | 0% |
| Surface fragments >3" | 0% |
| Bedrock | 0% |
| Water | 0% |
| Bare ground | 35-40% |

State 1
Historic Climax Plant Community

Community 1.1
Historic Climax Plant Community

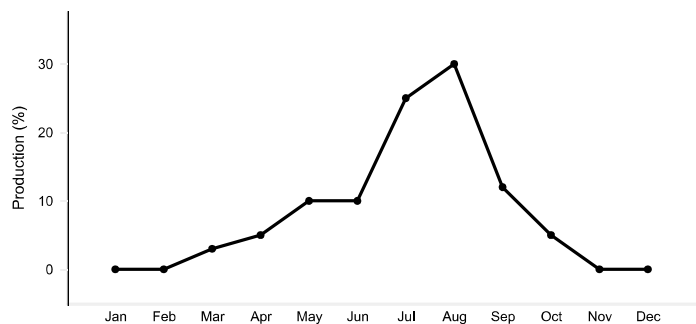


Figure 5. Plant community growth curve (percent production by month). NM2805, HCPC, SD-3 Deep Sand - Warm season plant community.

State 2 Shinnery Oak Dominated

Community 2.1 Shinnery Oak Dominated



Shinnery Oak Dominated: This state is dominated by shinnery oak with subdominants of sand sage or mesquite. Bare ground is a significant component in this state as well. shinnery oak is characterized by dense stands in sandy soils; however, as clay percentage increases, shinnery oak decreases. Shinnery oak abundance and distribution increase with disturbances, such as excessive grazing and fire, due to an aggressive rhizome system. As shinnery oak abundance increases, an associated increase of mesquite, sand sage, and soapweed yucca also occurs. Shinnery oak's extensive root system allows the oak to competitively exclude grasses and forbs. Sand sage, however, stabilizes light sandy soils from wind erosion and can co-exist with herbaceous species by protecting them in heavily grazed conditions (Davis and Bonham

1979). Shinnery oak has been found primarily in very deep, excessively drained, and rapidly permeable soils. Shinnery oak is associated with landforms which are gently undulating to rolling uplands, very gently sloping to moderately steep slopes, and upland plains, alluvial fans and valley sideslopes. Shinnery oak and sand sage can be controlled with herbicide if applied in the spring with a subsequent rest from grazing (Herbel et al. 1979, Pettit 1986). In addition, repetitive seasons of goat browsing can also reduce shinnery oak abundance. Patches should be maintained during brush control, however, to prevent erosion and to provide wildlife cover and forage. Further, as shinnery oak and other shrubs increase, bare patches and erosion will increase due to a lack of herbaceous ground cover. Diagnosis: Shinnery oak dominated with subdominant sand sage, honey mesquite, and soapweed yucca with increasing frequency and size of bare patches. Transition to Shinnery oak dominated state (1a): The historic plant community begins to shift toward the shinnery oak dominated state as drivers such as climate change, fire suppression, interspecific competition, and excessive grazing contribute to alterations in soil properties and herbaceous cover. Cover loss and surface soil erosion are initial indicators of transition followed by an increase of shrub species abundance and bare patch expansion. Key indicators of approach to transition: • Loss of grass and forb cover • Surface soil erosion • Bare patch expansion • Increased shrub species abundance and composition Transition to Historic Plant Community (1b): The shinnery oak dominated state may transition back toward the historic plant community as new drivers are introduced such as prescribed grazing, brush control, and discontinued drought conditions.

Additional community tables

Table 7. Community 1.1 plant community composition

| Group | Common Name | Symbol | Scientific Name | Annual Production (Lb/Acre) | Foliar Cover (%) |
|------------------------|-----------------------------|--------|--------------------------------|-----------------------------|------------------|
| Grass/Grasslike | | | | | |
| 1 | Warm Season | | | 450–585 | |
| | spike dropseed | SPCO4 | <i>Sporobolus contractus</i> | 450–585 | – |
| | sand dropseed | SPCR | <i>Sporobolus cryptandrus</i> | 450–585 | – |
| | mesa dropseed | SPFL2 | <i>Sporobolus flexuosus</i> | 450–585 | – |
| | giant dropseed | SPGI | <i>Sporobolus giganteus</i> | 450–585 | – |
| 2 | Warm Season | | | 65–104 | |
| | sand bluestem | ANHA | <i>Andropogon hallii</i> | 65–104 | – |
| | little bluestem | SCSC | <i>Schizachyrium scoparium</i> | 65–104 | – |
| 3 | Warm Season | | | 39–91 | |
| | threeawn | ARIST | <i>Aristida</i> | 39–91 | – |
| 4 | Warm Season | | | 13–39 | |
| | thin paspalum | PASE5 | <i>Paspalum setaceum</i> | 13–39 | – |
| 5 | Warm Season | | | 13–39 | |
| | black grama | BOER4 | <i>Bouteloua eriopoda</i> | 13–39 | – |
| 6 | Warm Season | | | 13–39 | |
| | mat sandbur | CELO3 | <i>Cenchrus longispinus</i> | 13–39 | – |
| 7 | Warm Season | | | 13–39 | |
| | Havard's panicgrass | PAHA2 | <i>Panicum havardii</i> | 13–39 | – |
| 8 | Warm Season | | | 13–65 | |
| | plains bristlegrass | SEVU2 | <i>Setaria vulpiseta</i> | 13–65 | – |
| 9 | Other Annual Grasses | | | 13–65 | |
| | Grass, annual | 2GA | <i>Grass, annual</i> | 13–65 | – |
| Shrub/Vine | | | | | |
| 10 | Shrub | | | 65–130 | |
| | Havard oak | QUHA3 | <i>Quercus havardii</i> | 65–130 | – |
| 11 | Shrub | | | 13–39 | |
| | sand sagebrush | ARFI2 | <i>Artemisia filifolia</i> | 13–39 | – |
| 12 | Shrub | | | 65–130 | |
| | yucca | YUCCA | <i>Yucca</i> | 65–130 | – |
| 13 | Shrub | | | 13–39 | |
| | rabbitbrush | CHRY9 | <i>Chrysothamnus</i> | 13–39 | – |
| 14 | Other Shrubs | | | 13–39 | |
| | Shrub (>.5m) | 2SHRUB | <i>Shrub (>.5m)</i> | 13–39 | – |
| Forb | | | | | |
| 15 | Forb | | | 39–91 | |
| | croton | CROTO | <i>Croton</i> | 39–91 | – |
| | Indian blanket | GAPU | <i>Gaillardia pulchella</i> | 39–91 | – |
| 16 | Forb | | | 39–91 | |
| | aster | ASTER | <i>Aster</i> | 39–91 | – |
| | whitest evening primrose | OEAL | <i>Oenothera albicaulis</i> | 39–91 | – |
| | beardtongue | PENST | <i>Penstemon</i> | 39–91 | – |
| 17 | Forb | | | 39–91 | |

| | | | | | |
|----|---|--------|--|-------|---|
| | touristplant | DIWI2 | <i>Dimorphocarpa wislizeni</i> | 39–91 | – |
| | buckwheat | ERIOG | <i>Eriogonum</i> | 39–91 | – |
| | sunflower | HELIA3 | <i>Helianthus</i> | 39–91 | – |
| | spiny false fiddleleaf | HYSP | <i>Hydrolea spinosa</i> | 39–91 | – |
| | threadleaf ragwort | SEFLF | <i>Senecio flaccidus</i> var. <i>flaccidus</i> | 39–91 | – |
| 18 | Other Forbs | | | 13–65 | |
| | Forb (herbaceous, not grass nor grass-like) | 2FORB | <i>Forb (herbaceous, not grass nor grass-like)</i> | 13–65 | – |

Fiji 17 CTB 1 - Geological Map

Legend

Geology of New Mexico, USA

- alluvium
- andesite
- basalt
- carbonate
- clastic
- clay or mud
- coarse-grained mixed clastic
- conglomerate
- eorian
- evaporite
- felsic metavolcanic rock
- felsic volcanic rock
- fine-grained mixed clastic
- granodiorite
- indeterminate
- lake or marine deposit (non-glacial)
- landslide
- lava flow
- limestone
- mafic metavolcanic rock
- medium-grained mixed clastic
- metamorphic rock
- metasedimentary rock
- mudstone

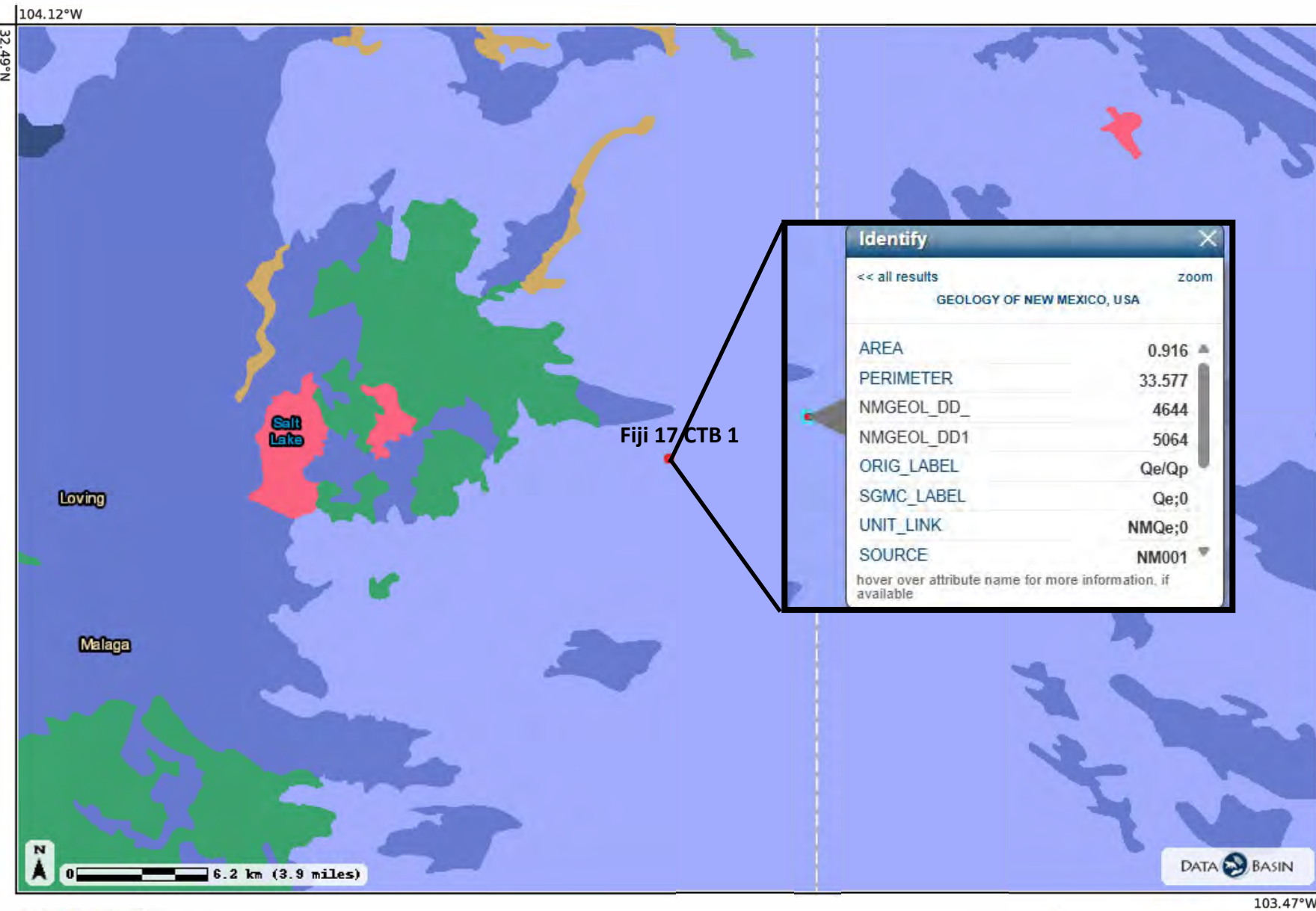
(continued on next page)

Legend (cont.)

Geology of New Mexico, USA (cont.)

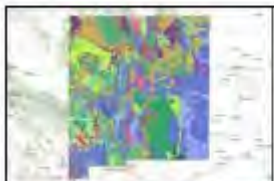
- playa
- plutonic rock (phaneritic)
- pyroclastic
- quartz monzonite
- rhyolite
- sandstone
- sedimentary rock
- shale
- till
- tuff
- unconsolidated deposit
- volcanic rock (aphanitic)
- water

-103.7963° Longitude,
32.30753° Latitude



Map Details

Datasets



Geology of New Mexico, USA

<https://databasin.org/datasets/216c664011134afabb351937aff06f6d/>

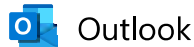
Credits: Douglas B. Stoesser, Gregory N. Green, Laurie C. Morath, William D. Heran, Anna B. Wilson, David W. Moore, Bradley S. Van Gosen
Layers: • Geology of New Mexico, USA

Geology - Qe/Qp



APPENDIX C

CORRESPONDENCE



Outlook

Re: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Liner Inspection Notification

From Monica Peppin <Monica.Peppin@kljeng.com>**Date** Wed 2025-09-24 8:39 AM**To** Raley, Jim <Jim.Raley@dvn.com>**Cc** Will Harmon <will.harmon@kljeng.com>Thank you Jim

From: Raley, Jim <Jim.Raley@dvn.com>**Sent:** Wednesday, September 24, 2025 7:04 AM**To:** Monica Peppin <Monica.Peppin@kljeng.com>**Cc:** Will Harmon <will.harmon@kljeng.com>**Subject:** Re: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Liner Inspection Notification

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Monica,
Was sick yesterday. Got in for 26th.

Jim Raley - Enviro Professional
Permian Basin - Devon Energy
575-689-7597

From: Monica Peppin <Monica.Peppin@kljeng.com>**Date:** Tuesday, September 23, 2025 at 6:00 AM**To:** Raley, Jim <Jim.Raley@dvn.com>**Cc:** Will Harmon <will.harmon@kljeng.com>**Subject:** [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Liner Inspection Notification

Jim,

Please see the below liner inspection notification for Fiji 17 CTB 1. Let me know if you need anything else.

Liner Inspection Notification

| | |
|--|----------------|
| Site Name | Fiji 17 CTB 1 |
| Incident ID | nAPP2522447834 |
| Containment Surface Area (Square Feet) | 4,662 |
| All impacted materials have been removed from liner? | Yes |
| Liner Inspection date pursuant to Subparagraph (a) of Paragraph | 9/25/2025 |

| | |
|---|----------------------------|
| (5) of Subsection A of 19.15.29.11 NMAC | |
| Inspection Time | 8:00 AM |
| Contact info of technician for observers | Monica Peppin 575.909.3418 |
| Navigation to site (Lat/Long) | 32.307530, -103.796304 |

Thank you!
MP

Monica Peppin, A.S.
Environmental Specialist II



575-213-9010 Direct

575-909-3418 Cell

Carlsbad, NM 88220

kljeng.com



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Outlook

RE: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Reschedule Liner Inspection

From Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Date Mon 2025-09-29 8:19 AM

To Monica Peppin <Monica.Peppin@kljeng.com>; Will Harmon <will.harmon@kljeng.com>; Raley, Jim <jim.raleigh@dmn.com>

Cc Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Some people who received this message don't often get email from brittany.hall@emnrd.nm.gov. [Learn why this is important](#)

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Ms. Peppin,

Thank you for the notification that the liner inspection at nAPP2522447834 Fiji 17 CTB 1 will be rescheduled. A note has been made in the incident file. Please be advised that this notification was sent after the inspection was scheduled. Per the C-141L filed under application ID 508774, the inspection was to take place on September 26, 2025, at 8:00 AM. OCD has recently created an Environmental Field Compliance Group that will be witnessing liner inspections, final sampling, and various other environmental field activities. Per the approval of the C-141L application, "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."

Please submit the submit a C-141L as soon as the inspection is rescheduled.

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
<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/>.

From: Monica Peppin <Monica.Peppin@kljeng.com>

Sent: Friday, September 26, 2025 6:49 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Will Harmon <will.harmon@kljeng.com>; Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Reschedule Liner Inspection

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Dear Regulatory Representative,

This is to inform you that the scheduled liner inspection at Fiji 17 CTB 1 related to Incident ID nAPP2522447834, could not be completed as planned.

Upon arrival, it was observed that the liner within the containment was not in a condition suitable for inspection due to the presence of surface residue.

The inspection will be rescheduled once the liner has been cleaned and is ready for evaluation.

Please let me know if any additional information is needed.

Thank you,
Monica

Monica Peppin, A.S.
Environmental Specialist II



575-213-9010 Direct

575-909-3418 Cell

Carlsbad, NM 88220

kljeng.com



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RE: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Liner Inspection Notification

From Raley, Jim <Jim.Raley@dvn.com>
Date Wed 2025-10-15 6:35 AM
To Monica Peppin <Monica.Peppin@kljeng.com>
Cc Will Harmon <will.harmon@kljeng.com>

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Submitted 10/15

Jim Raley | Environmental Professional - Permian Basin
5315 Buena Vista Dr., Carlsbad, NM 88220
C: (575)689-7597 | jim.rale@dvn.com



From: Monica Peppin <Monica.Peppin@kljeng.com>
Sent: Wednesday, October 15, 2025 6:30 AM
To: Raley, Jim <Jim.Raley@dvn.com>
Cc: Will Harmon <will.harmon@kljeng.com>
Subject: [EXTERNAL] nAPP2522447834 Fiji 17 CTB 1 Liner Inspection Notification

Jim,

Please see the below liner notification for Fiji. Let me know if there needs to be any changes to the time or date.

| | |
|---|-------------------------------|
| What is the liner inspection surface area in square feet | 4662 |
| Have all the impacted materials been removed from the liner | Yes |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | 10/17/2025 |
| Time liner inspection will commence | 9:30 AM |
| Please provide any information necessary for observers to liner inspection | Monica Peppin 575.909.3418 |
| Please provide any information necessary for navigation to liner inspection site | 32.307530, -103.796304 |
| Incident | nAPP2522447834 |

Thank you,
Monica

Monica Peppin, A.S.



575-213-9010 Direct

575-909-3418 Cell

Carlsbad, NM 88220

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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 527861

QUESTIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2522447834 |
| Incident Name | NAPP2522447834 FIJI 17 CTB 1 @ FAPP2130240832 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [fAPP2130240832] FIJI 17 CTB 1 |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|---------------|
| Site Name | FIJI 17 CTB 1 |
| Date Release Discovered | 08/12/2025 |
| Surface Owner | Federal |

Incident Details

Please answer all the questions in this group.

| | |
|--|------------------------|
| Incident Type | Produced Water Release |
| 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 | Cause: Corrosion Pump Produced Water Released: 14 BBL Recovered: 14 BBL Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| 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) | Discharge line of transfer pump developed pinhole leak. Allowing fluids to be released to lined secondary containment. |

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QUESTIONS, Page 2

Action 527861

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
| | 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: James Raley Title: EHS Professional Email: jim.raley@dvsn.com Date: 11/19/2025 |
|--|---|

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 3

Action 527861

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS**Site Characterization**

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.

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| 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 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between ½ and 1 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | None |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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.

| | |
|---|------------|
| 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 | 10/15/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 10/17/2025 |
| On what date will (or was) the remediation complete(d) | 10/17/2025 |
| What is the estimated surface area (in square feet) that will be remediated | 4662 |
| 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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Oil Conservation Division
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QUESTIONS, Page 4

Action 527861

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
| | 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) | Not answered. |
| <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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/19/2025 |
| <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> | |

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, Page 6

Action 527861

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Liner Inspection Information | |
|---|------------|
| Last liner inspection notification (C-141L) recorded | 515288 |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | 10/17/2025 |
| Was all the impacted materials removed from the liner | Yes |
| What was the liner inspection surface area in square feet | 4662 |

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 | 4662 |
| What was the total volume (cubic yards) remediated | 0 |
| Summarize any additional remediation activities not included by answers (above) | Liner Inspected |

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: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 11/19/2025 |
|--|---|

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State of New Mexico
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CONDITIONS

Action 527861

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 527861 |
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CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 11/25/2025 |