



August 20, 2024

District Supervisor
Oil Conservation Division, District 2
811 S. First St.
Artesia, New Mexico 88210

**Re: Liner Inspection and Closure Request
BTA Oil Producers, LLC
Ochoa CTB Release
Unit D, Section 7, Township 23 South, Range 29 East
Eddy County, New Mexico
Incident ID# nAPP2421335621**

Sir or Madam:

BTA Oil Producers, LLC (BTA) contracted Tetra Tech, Inc. (Tetra Tech) to assess a release that occurred due to a ¼ inch hole in a produced water storage tank. The release footprint is located within Public Land Survey System (PLSS) Unit Letter D, Section 7, Township 23 South, Range 29 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.325516°, -104.030079°, as shown on Figure 1 and Figure 2. This release is located on state land.

BACKGROUND

On July 31, 2024, a release was discovered at the Ochoa Central Tank Battery. The cause of the release is indicated in the NOR as due to a ¼ inch hole in a produced water storage tank. Photographs provided by BTA indicate that the release footprint was limited to the lined containment area, as presented in Figure 3. The release was reported as approximately 20 barrels (bbls) of produced water, of which 20 bbls of produced water were recovered. A Notification of Release (NOR) was submitted to the New Mexico Oil Conservation Division (NMOCD) online portal system. Following the NOR submittal the release was assigned the Incident ID nAPP2421335621. The NMOCD initial C-141 Initial Report was duly submitted via the NMOCD online portal system within the required timeframe. A copy of the NMOCD initial C-141 and NOR are included in Appendix A.

SITE CHARACTERIZATION

A site characterization was performed in accordance with 19.15.29.11 New Mexico State Administrative Code (NMAC) and the guidance document Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions (12/01/2023).

A summary of the site characterization is presented below:

| | |
|------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (feet bgs) | < 50 feet bgs |
| Method used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water? | No |

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

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BTA Oil Producers, LLC

| <u>The minimum distance between the closest lateral extents of the release and the following surface areas:</u> | |
|--------------------------------------------------------------------------------------------------------------------------------|------------|
| A continuously flowing watercourse or any other significant watercourse | 1.51 miles |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | 1.0 miles |
| An occupied permanent residence, school, hospital, institution, or church | 2.43 miles |
| A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes | 1.79 miles |
| Any other fresh water well or spring | 1.28 miles |
| Incorporated municipal boundaries or a defined municipal fresh water well field | 4.01 miles |
| A wetland | 0.19 miles |
| A subsurface mine | > 5 miles |
| A (non-karst) unstable area | >5 miles |
| Categorized risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | 0.10 miles |
| Did the release impact areas not on an exploration, development, production, or storage site? | No |

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no ground water well records within ½ mile (800 meters) of the Site. The site characterization data are presented in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint as contained completely within a lined secondary containment structure and in accordance with Subsection A(5)(a) of 19.15.29.11 NMAC, If the release occurred within a lined containment area, the responsible party must demonstrate liner integrity after affected material is removed and the affected area of the liner is exposed and provide the following:

- Certification on Form C-141 that the responsible party has visually inspected the liner where the release occurred, and the liner remains intact and had the ability to contain the leak in question; and
- The appropriate division district office is provided notification at least two business days before conducting the liner inspection.

LINER INTEGRITY

Prior to the liner inspection, the facility was power washed, thus, the integrity of the liner could be inspected and confirmed clean. In accordance with 19.15.29.11(A)(5)(a) NMAC, notification of a liner inspection at the Ochoa Battery was submitted via the NMOCD portal on August 6, 2024. The liner inspection notification email is included in Appendix C.

On August 9, 2024, Tetra Tech personnel performed an inspection of the liner within the containment area of the Ochoa Battery. This work was completed to verify the integrity of the liner. The liner was observed to underlie the entirety of the tank battery containment area. The liner was intact with no visible rips or tears and encompassed by an approximately 2-foot-tall muscle wall. The liner was anchored on the interior. At

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BTA Oil Producers, LLC

the time of the inspection, the liner was intact and had the ability to contain the documented release. Photographic documentation of the liner inspection is included in Appendix D.

CONCLUSION

Based on the results of the liner inspection, BTA respectfully requests closure of the subject line incident. The release occurred within a lined containment area. The liner integrity demonstration is complete. The affected area of the liner has been visually inspected where the release occurred, and the liner remains intact and had the ability to contain the leak in question. Two business days' notice (C-141N) was provided to the appropriate division district office before conducting the liner inspection.

The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the liner inspection for the Site, please call me at (512) 560-9064 or Christian at (512) 338-2861.

Sincerely,

Tetra Tech, Inc.



Nicholas M. Poole, G.I.T.
Project Manager



Christian M. Llull, P.G.
Program Manager

cc:

Mr. Ray Ramos, BTA Oil Producers, LLC

Liner Inspection and Closure Request
August 20, 2024

BTA Oil Producers, LLC

LIST OF ATTACHMENTS

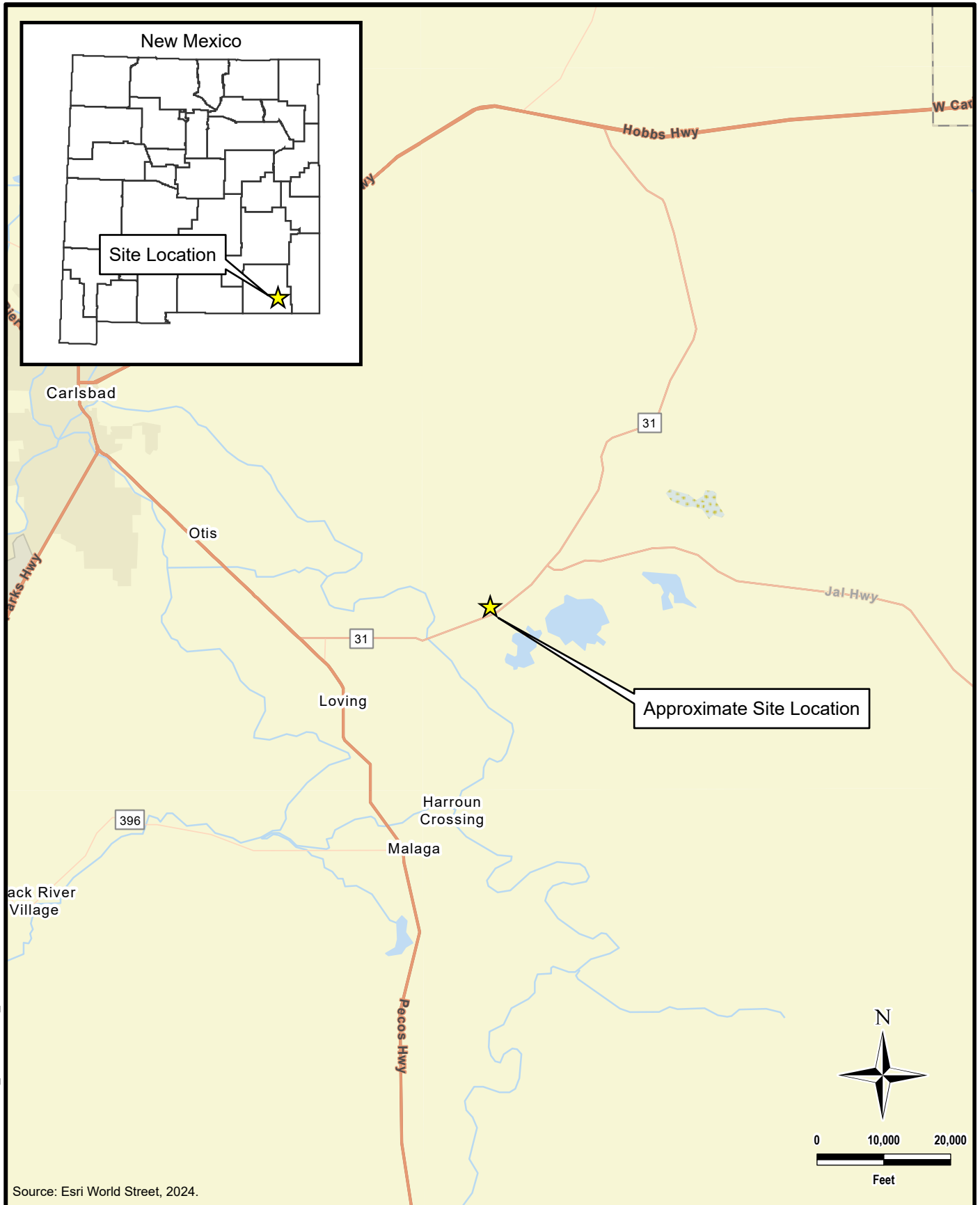
Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent and Liner Inspection

Appendices:

- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Regulatory Correspondence
- Appendix D – Photographic Documentation

FIGURES



TETRA TECH

www.tetrattech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

CONOCOPHILLIPS

NAPP2421335621
(32.325516°, -104.030079°)
EDDY COUNTY, NEW MEXICO

**OCHOA CTB RELEASE
OVERVIEW MAP**

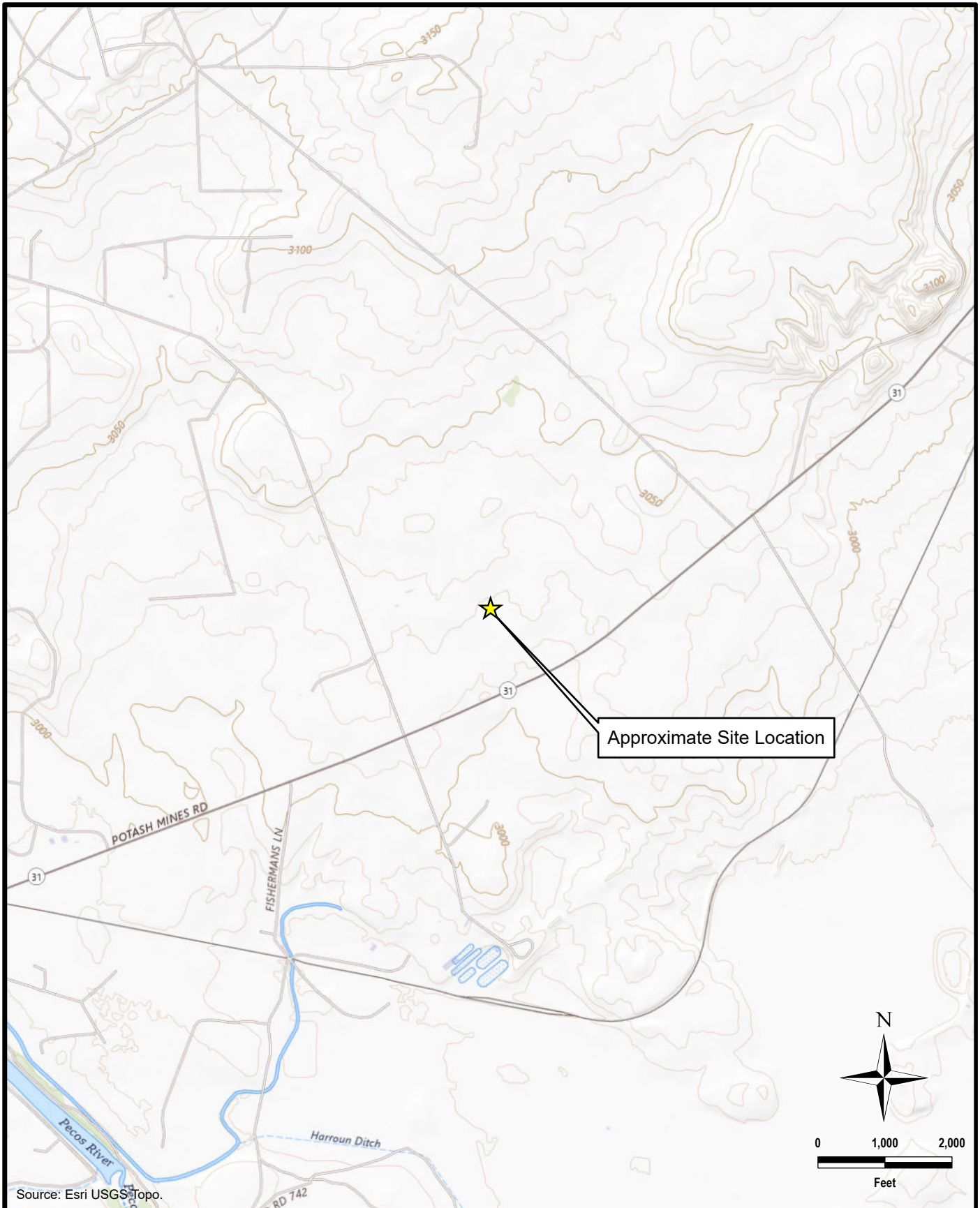
PROJECT NO.: 212C-MD-03500

DATE: AUGUST 14, 2024

DESIGNED BY: LMV

Figure No.

1



TETRA TECH

www.tetrattech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

CONOCOPHILLIPS

NAPP2421335621
(32.325516°, -104.030079°)
EDDY COUNTY, NEW MEXICO

**OCHOA CTB RELEASE
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03500

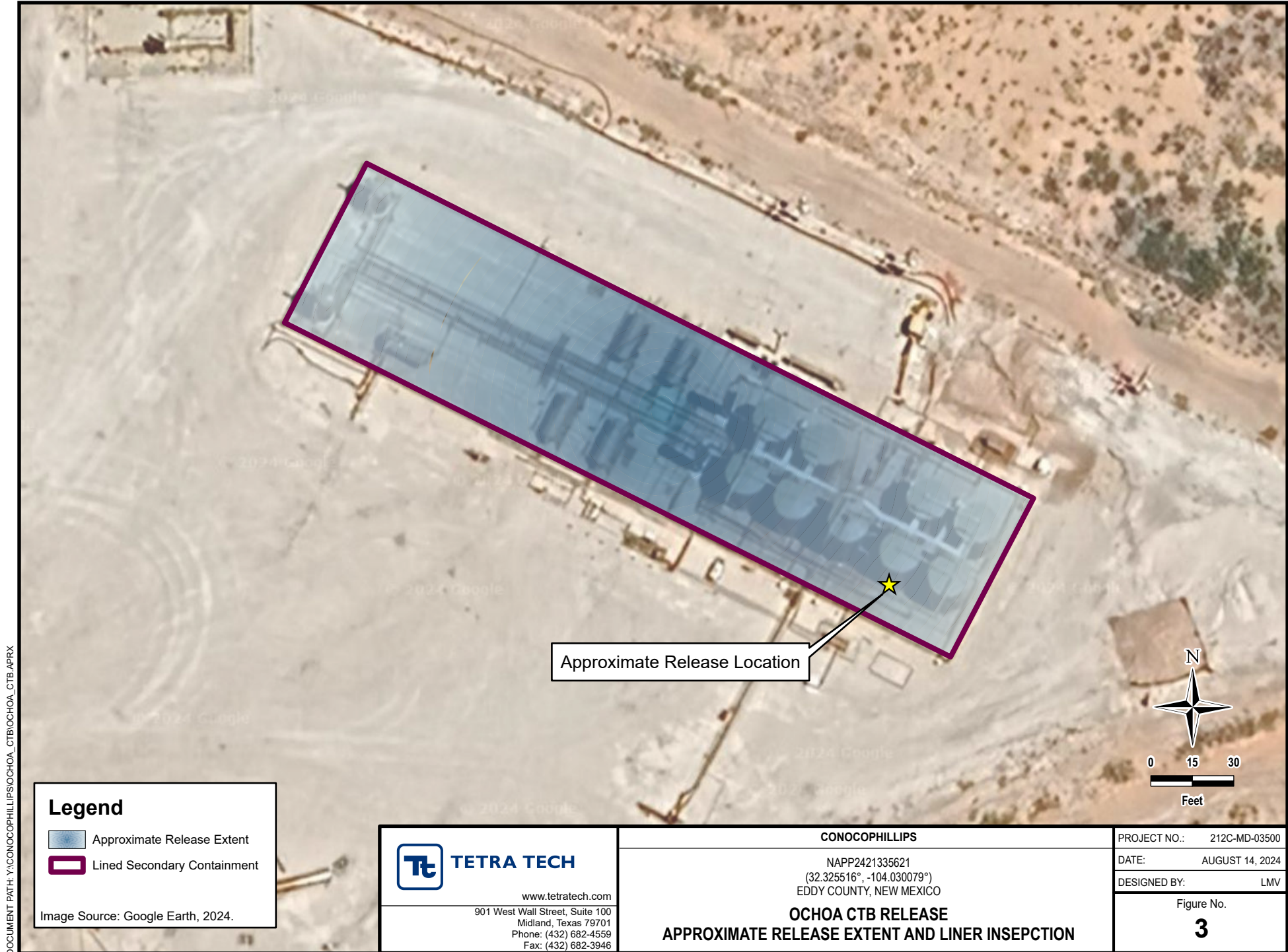
DATE: AUGUST 14, 2024

DESIGNED BY: LMV

Figure No.

2

DOCUMENT PATH: Y:\CONOCOPHILLIPS\OCHOA_CTBOCHOA_CTBA.PRX



APPENDIX A

C-141 Forms

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 368850

QUESTIONS

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368850 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|------------------------------------------------|------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | Ochoa CTB |
| Date Release Discovered | 07/31/2024 |
| 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: Equipment Failure Tank (Any) Produced Water Released: 20 BBL Recovered: 20 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) | On July 31, 2024, BTA operations discovered an approximately 1/4-inch hole in a produced water storage tank that resulted in a release of approximately 20 bbls of produced water into the tank battery lined secondary containment structure. Initial response emptied the tank and recovered the the full amount of released produced water from within the lined secondary containment structure. |

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QUESTIONS, Page 2

Action 368850

QUESTIONS (continued)

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368850 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | |

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ACKNOWLEDGMENTS

Action 368850

ACKNOWLEDGMENTS

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368850 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

| | |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | I acknowledge that I am authorized to submit notification of a release on behalf of my operator. |
| <input checked="" type="checkbox"/> | I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29. |
| <input checked="" type="checkbox"/> | 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. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that 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. |
| <input checked="" type="checkbox"/> | I acknowledge the fact that, 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. |

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CONDITIONS

Action 368850

CONDITIONS

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368850 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| cterhune | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 7/31/2024 |

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Release Location Name: Ochoa Battery Date of Release: 7/31/2024

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: X

Input Data:

OIL:

WATER:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here:

BBL

20.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

| Total Area Calculations | | | | | | Standing Liquid Calculations | | | | | | | |
|-------------------------|----------|--------|----------------|---------|----------------------|------------------------------|-------------------|--------------|---------|----------|---|---------|-------|
| Total Surface Area | width | length | wet soil depth | oil (%) | Standing Liquid Area | width | length | liquid depth | oil (%) | | | | |
| Rectangle Area #1 | 27.00 ft | X | 25.00 ft | X | 0.00 in | 0.00% | Rectangle Area #1 | 27.00 ft | X | 25.00 ft | X | 2.00 in | 0.00% |
| Rectangle Area #2 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #2 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #3 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #3 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #4 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #4 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #5 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #5 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #6 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #6 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #7 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #7 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |
| Rectangle Area #8 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% | Rectangle Area #8 | 0.00 ft | X | 0.00 ft | X | 0.00 in | 0.00% |

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production:

Oil

Water

BBL

BBL

Did leak occur before the separator?:

YES

X N/A (place an "X")

Amount of Free Liquid Recovered:

20 BBL

okay

Percentage of Oil in Free Liquid Recovered:

0.00%

(percentage)

Liquid holding factor *:

0.00 gal per gal

Use the following when the spill wets the grains of the soil.

Use the following when the liquid completely fills the pore space of the soil.

* sand = .08 gallon liquid per gallon volume of soil.

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

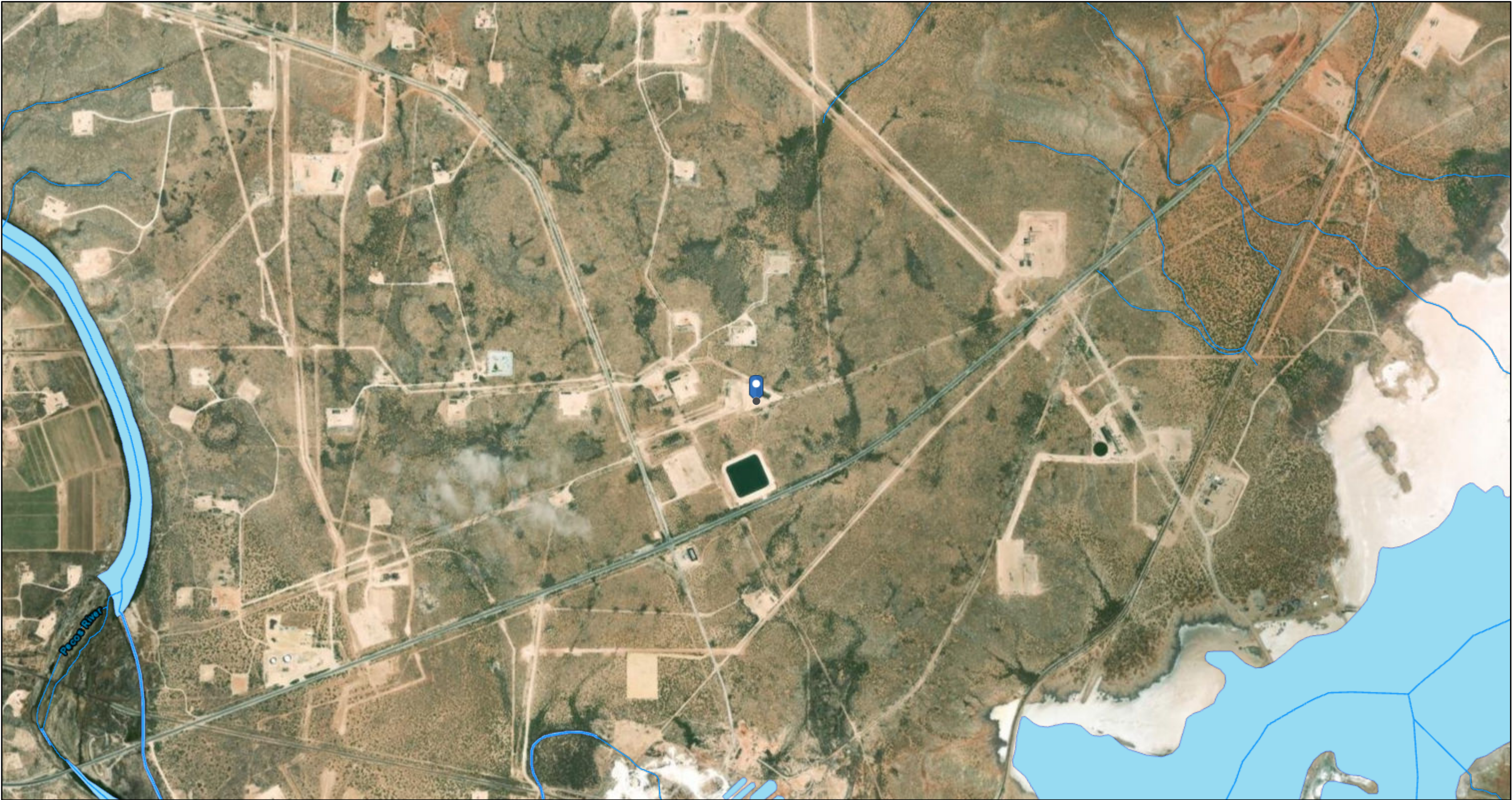
* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

* sandy loam = .5 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

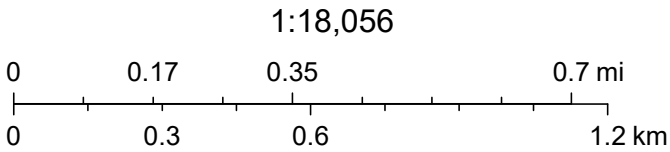
| Saturated Soil Volume Calculations: | | | Free Liquid Volume Calculations: | | |
|-------------------------------------|-------------|--------------|-----------------------------------|--------------|-------------|
| Total Solid/Liquid Volume: | H2O cu. ft. | OIL cu. ft. | Total Free Liquid Volume: | H2O cu. ft. | OIL cu. ft. |
| 675 sq. ft. | | | 675 sq. ft. | 113 cu. ft. | |
| Estimated Volumes Spilled | | | Estimated Production Volumes Lost | | |
| Liquid in Soil: | H2O 0.0 BBL | OIL 0.0 BBL | Estimated Production Spilled: | H2O 20.0 BBL | OIL 0.0 BBL |
| Free Liquid: | 20.0 BBL | 0.0 BBL | Estimated Surface Damage | | |
| Totals: | 20.0 BBL | 0.0 BBL | Surface Area: | 675 sq. ft. | |
| | | | Surface Area: | .0155 acre | |
| Total Spill Liquid: | 20.0 BBL | 0.0 BBL | Estimated Weights, and Volumes | | |
| Recovered Volumes | | | Saturated Soil = | lbs | cu.ft. |
| Estimated oil recovered: | 0.0 BBL | check - okay | Total Liquid = | 20 BBL | 840 gallon |
| Estimated water recovered: | 20.0 BBL | check - okay | | | 6,989 lbs |

NM OCD - Waterbodies Map



7/31/2024, 10:43:24 AM

- OSW Water Bodys
- OSE Streams




Esri, HERE, Garmin, IPC, Maxar, NM OSE

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04418 POD1 | SE | NE | NW | 12 | 23S | 28E | 590103.6 | 3576851.2 |  |

* UTM location was derived from PLSS - see Help

| | | | |
|-------------------|------------|----------------------|-------------------------------|
| Driller License: | 1789 | Driller Company: | HRL COMPLIANCE SOLUTIONS, INC |
| Driller Name: | MARK MUMBY | | |
| Drill Start Date: | 2020-03-31 | Drill Finish Date: | 2020-03-31 |
| Log File Date: | 2020-05-26 | PCW Rcv Date: | |
| Pump Type: | | Pipe Discharge Size: | |
| Casing Size: | 2.00 | Depth Well: | 55 |
| | | Depth Water: | |

Casing Perforations:


| Top | Bottom |
|-----|--------|
| 0 | 45 |
| 45 | 55 |

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04539 POD1 | NE | SE | NE | 01 | 23S | 28E | 591034.4 | 3578223.2 |  |

* UTM location was derived from PLSS - see Help

| | | | |
|-------------------|---------------------------|--------------------|--------------|
| Driller License: | 1186 | Driller Company: | NOT FOR HIRE |
| Driller Name: | HAMMER, RODNEY S.WARDENER | | |
| Drill Start Date: | 2021-07-14 | Drill Finish Date: | 2021-07-14 |
| Log File Date: | 2021-10-05 | PCW Rcv Date: | Source: |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: | |
| Casing Size: | 2.00 | Depth Well: | 55 |
| | | Depth Water: | |

Casing Perforations:


| Top | Bottom |
|-----|--------|
| 45 | 55 |

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | TwS | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04584 POD1 | SW | NW | SE | 12 | 23S | 28E | 590391.8 | 3576064.2 |  |

* UTM location was derived from PLSS - see Help

| | | | |
|-------------------|-------------------------|--------------------|----------------------|
| Driller License: | 1664 | Driller Company: | CASCADE DRILLING, LP |
| Driller Name: | CAIN, SHAWN N.NJR.L.NER | | |
| Drill Start Date: | 2021-12-16 | Drill Finish Date: | 2021-12-17 |
| Log File Date: | 2022-05-19 | PCW Rcv Date: | Source: |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: 0 | |
| Casing Size: | 2.00 | Depth Well: | 63 |
| | | Depth Water: | |

Casing Perforations:

| Top | Bottom |
|-----|--------|
| 47 | 62 |

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



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Map | Distance | Well Depth | Depth Water | Water Column |
|------------------------------|------|-----------|--------|-----|-----|----|-----|-----|-------|----------|-----------|-----|----------|------------|-------------|--------------|
| C 04470 POD1 | | CUB | ED | SW | NW | SW | 07 | 23S | 29E | 591280.2 | 3576086.4 | | 844 | | | |
| C 04418 POD1 | | CUB | ED | SE | NE | NW | 12 | 23S | 28E | 590103.6 | 3576851.2 | | 1190 | 55 | | |
| C 04584 POD1 | | CUB | ED | SW | NW | SE | 12 | 23S | 28E | 590391.8 | 3576064.2 | | 1248 | 63 | | |
| C 04539 POD1 | | CUB | ED | NE | SE | NE | 01 | 23S | 28E | 591034.4 | 3578223.2 | | 1317 | 55 | | |

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 4

UTM Filters (in meters):

Easting: 591290.96

Northing: 3576930.82

Radius: 001600

* UTM location was derived from PLSS - see Help

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

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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 368923

QUESTIONS

| | |
|-------------------------------------------------------------------------|---------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368923 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|-------------------|------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2421335621 |
| Incident Name | NAPP2421335621 OCHOA CTB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Received |
| Incident Facility | [fAPP2135654952] Ochoa |

| | |
|------------------------------------------------|------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | Ochoa CTB |
| Date Release Discovered | 07/31/2024 |
| 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: Equipment Failure Tank (Any) Produced Water Released: 20 BBL Recovered: 20 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) | On July 31, 2024, BTA operations discovered an approximately 1/4-inch hole in a produced water storage tank that resulted in a release of approximately 20 bbls of produced water into the tank battery lined secondary containment structure. Initial response emptied the tank and recovered the the full amount of released produced water from within the lined secondary containment structure. |

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QUESTIONS, Page 2

Action 368923

QUESTIONS (continued)

| | |
|-------------------------------------------------------------------------|---------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368923 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

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: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetrattech.com Date: 07/31/2024 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|

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QUESTIONS, Page 3

Action 368923

QUESTIONS (continued)

| | |
|-------------------------------------------------------------------------|---------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368923 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

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 51 and 75 (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 ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1000 (ft.) and ½ (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 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (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 | Medium |
| A 100-year floodplain | Between 500 and 1000 (ft.) |
| 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 | No |
| 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. | |

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CONDITIONS

Action 368923

CONDITIONS

| | |
|-------------------------------------------------------------------------|---------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 368923 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| rhamlet | None | 7/31/2024 |

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the release impact areas not on an exploration, development, production, or storage site? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody


If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Oil Conservation Division

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Map | Distance | Well Depth | Depth Water | Water Column |
|------------------------------|------|-----------|--------|-----|-----|----|-----|-----|-------|----------|-----------|-----|----------|------------|-------------|--------------|
| C 04470 POD1 | | CUB | ED | SW | NW | SW | 07 | 23S | 29E | 591280.2 | 3576086.4 | | 844 | | | |
| C 04418 POD1 | | CUB | ED | SE | NE | NW | 12 | 23S | 28E | 590103.6 | 3576851.2 | | 1190 | 55 | | |
| C 04584 POD1 | | CUB | ED | SW | NW | SE | 12 | 23S | 28E | 590391.8 | 3576064.2 | | 1248 | 63 | | |
| C 04539 POD1 | | CUB | ED | NE | SE | NE | 01 | 23S | 28E | 591034.4 | 3578223.2 | | 1317 | 55 | | |

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 4

UTM Filters (in meters):

Easting: 591290.96
Northing: 3576930.82
Radius: 001600


* UTM location was derived from PLSS - see Help

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04418 POD1 | SE | NE | NW | 12 | 23S | 28E | 590103.6 | 3576851.2 |  |

* UTM location was derived from PLSS - [see Help](#)

| | | | |
|-------------------|------------|----------------------|-------------------------------|
| Driller License: | 1789 | Driller Company: | HRL COMPLIANCE SOLUTIONS, INC |
| Driller Name: | MARK MUMBY | | |
| Drill Start Date: | 2020-03-31 | Drill Finish Date: | 2020-03-31 |
| | | Plug Date: | 2020-04-03 |
| Log File Date: | 2020-05-26 | PCW Rcv Date: | |
| | | Source: | |
| Pump Type: | | Pipe Discharge Size: | |
| | | Estimated Yield: | 0 |
| Casing Size: | 2.00 | Depth Well: | 55 |
| | | Depth Water: | |

Casing Perforations:


| Top | Bottom |
|-----|--------|
| 0 | 45 |
| 45 | 55 |

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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | TwS | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04539 POD1 | NE | SE | NE | 01 | 23S | 28E | 591034.4 | 3578223.2 |  |

* UTM location was derived from PLSS - see Help

| | | | |
|-------------------|---------------------------|--------------------|--------------|
| Driller License: | 1186 | Driller Company: | NOT FOR HIRE |
| Driller Name: | HAMMER, RODNEY S.WARDENER | | |
| Drill Start Date: | 2021-07-14 | Drill Finish Date: | 2021-07-14 |
| Log File Date: | 2021-10-05 | PCW Rcv Date: | Source: |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: | |
| Casing Size: | 2.00 | Depth Well: | 55 |
| | | Depth Water: | |

Casing Perforations:


| Top | Bottom |
|-----|--------|
| 45 | 55 |

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tw | Rng | X | Y | Map |
|----------|--------------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| NA | C 04584 POD1 | SW | NW | SE | 12 | 23S | 28E | 590391.8 | 3576064.2 |  |

* UTM location was derived from PLSS - see Help

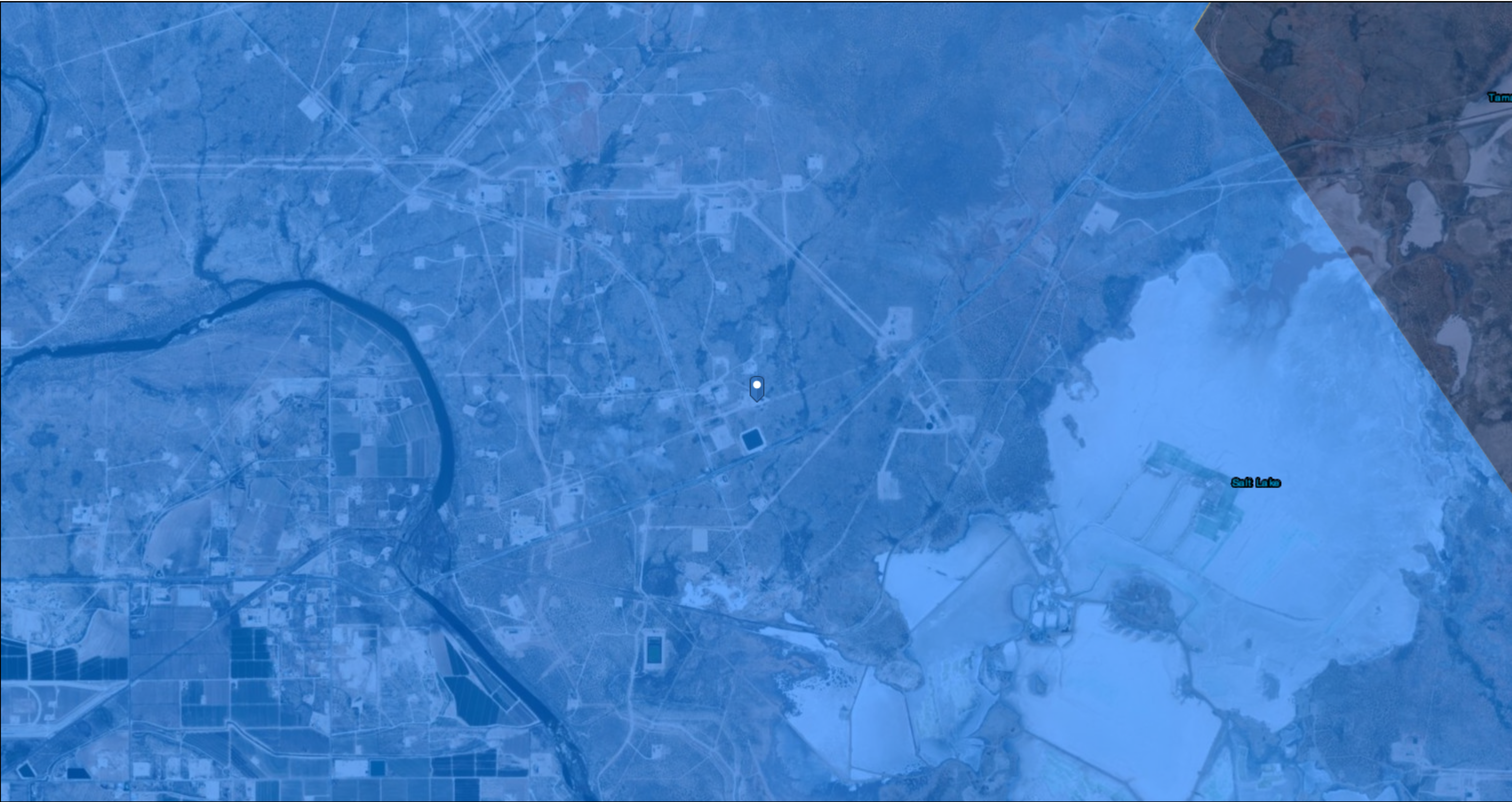
| | | | |
|-------------------|-------------------------|--------------------|----------------------|
| Driller License: | 1664 | Driller Company: | CASCADE DRILLING, LP |
| Driller Name: | CAIN, SHAWN N.NJR.L.NER | | |
| Drill Start Date: | 2021-12-16 | Drill Finish Date: | 2021-12-17 |
| Log File Date: | 2022-05-19 | PCW Rcv Date: | Source: |
| Pump Type: | Pipe Discharge Size: | Estimated Yield: 0 | |
| Casing Size: | 2.00 | Depth Well: | 63 |
| | | Depth Water: | |

Casing Perforations:

| Top | Bottom |
|-----|--------|
| 47 | 62 |

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

NM OCD - Permian Basin Karst Areas Map

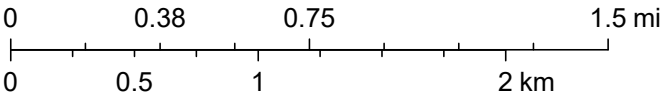


7/31/2024, 10:46:19 AM

Karst Occurrence Potential

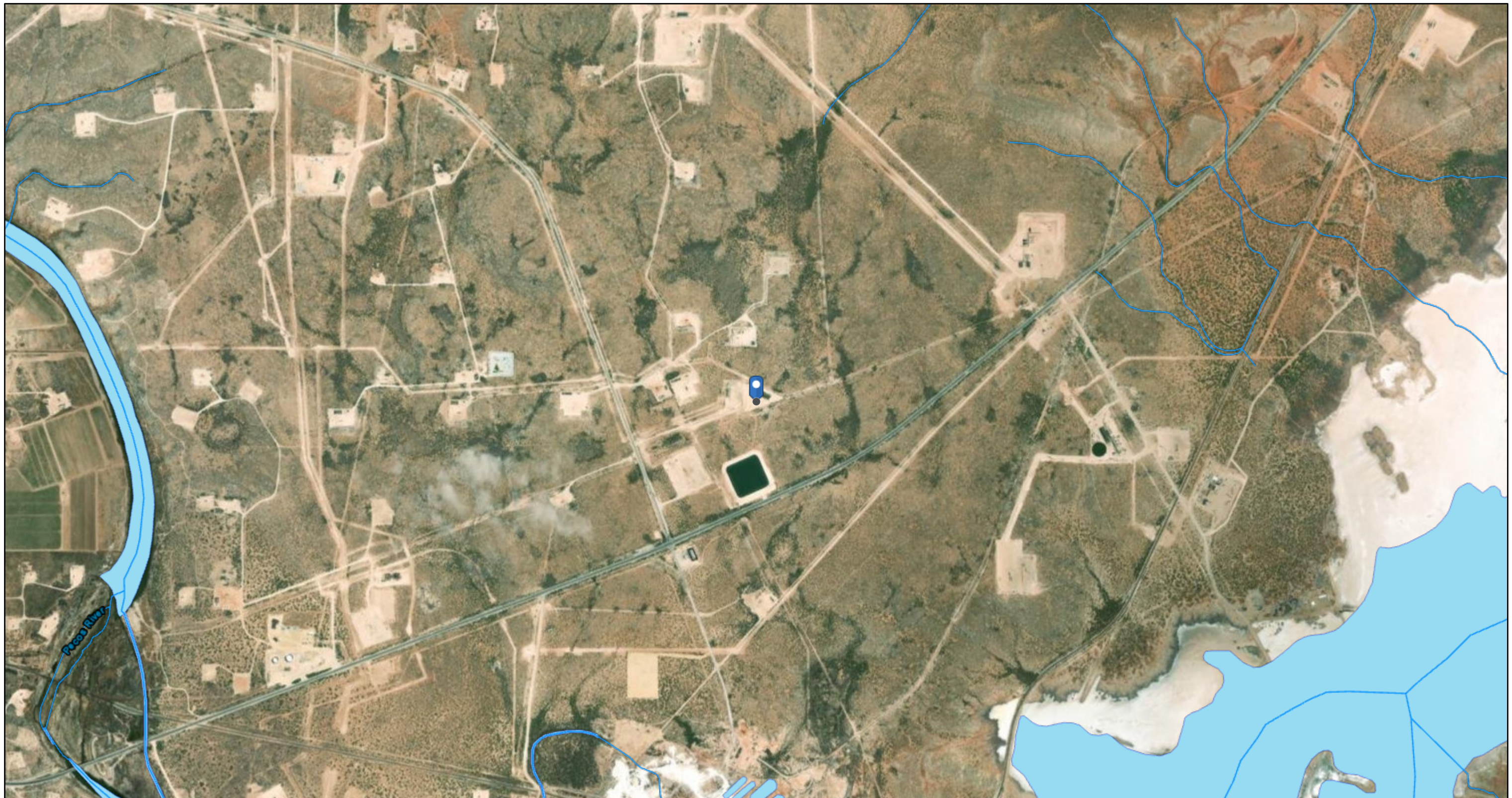
- High
- Medium

1:36,112



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar

NM OCD - Waterbodies Map



1:18,056

Esri, HERE, Garmin, iPC, Maxar, NM OSE

National Flood Hazard Layer FIRMette



104°2'7"W 32°19'47"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°1'30"W 32°19'17"N

Released to Imaging: 8/23/2024 8:26:45 AM

Basemap Imagery Source: USGS National Map 2023

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 |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone D |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 |
| | | 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 7/31/2024 at 12:02 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.

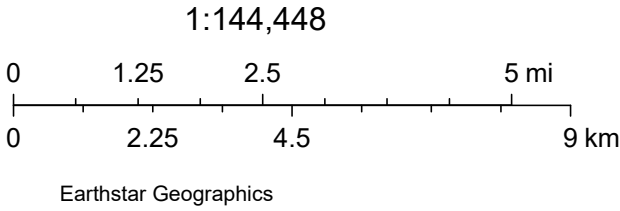
Active Mines in New Mexico



7/31/2024, 10:51:08 AM

Registered Mines

- ✕ Aggregate, Stone etc.
- ✕ Aggregate, Stone etc.
- ✕ Aggregate, Stone etc.
- ▲ Potash
- △ Salt





National Wetland Inventory Map



July 31, 2024

Wetlands

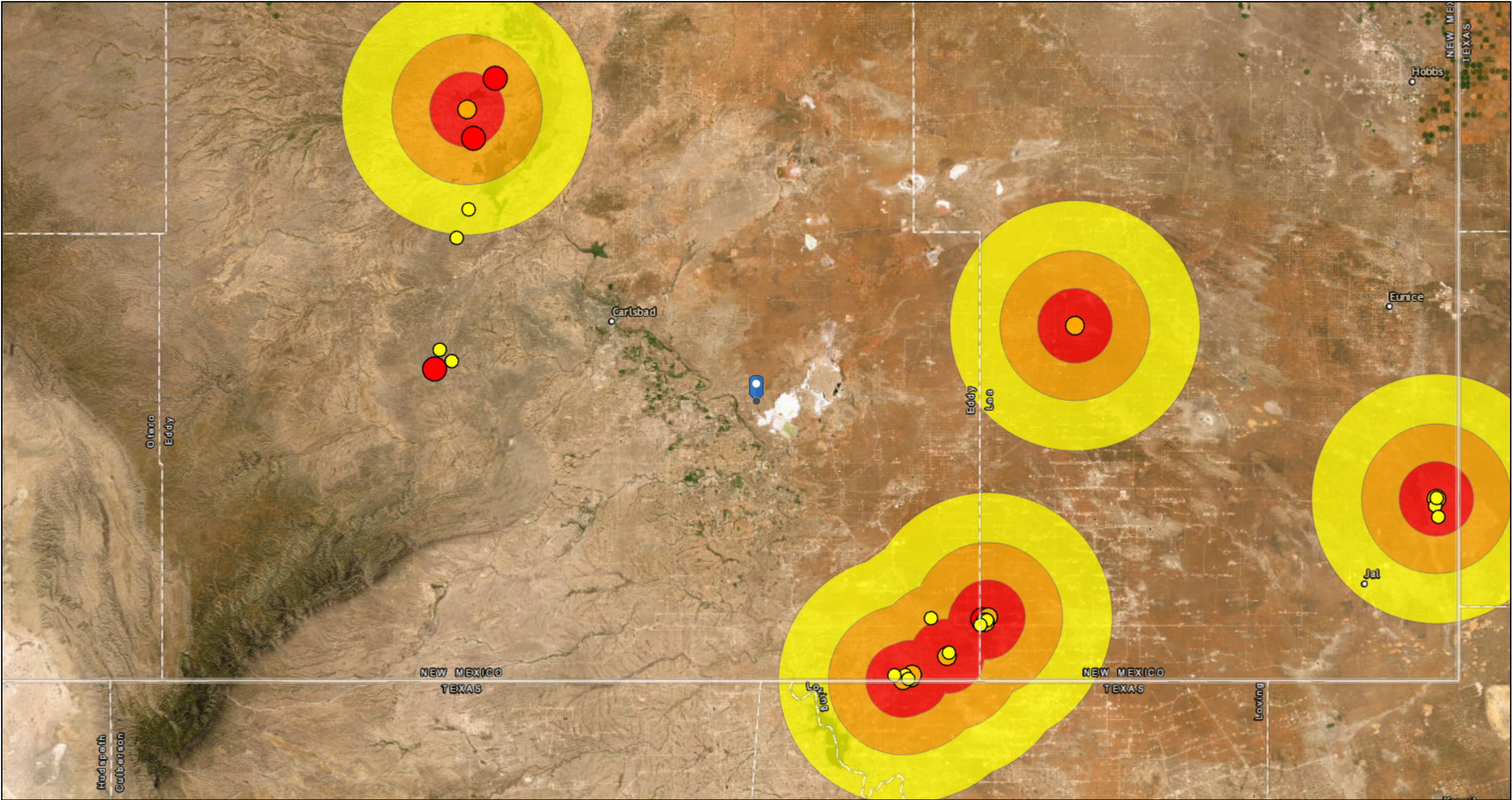
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- 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.

NM OCD - Induced Seismicity Area



7/31/2024, 11:02:20 AM

Seismic Response 3.0 to 3.4

3 mi.

6 mi.

10 mi.

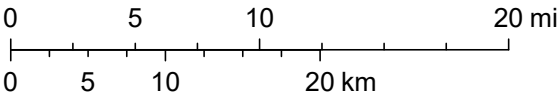
M2.5+ Earthquakes (2021+)

2.5 - 2.9

3.0 - 3.4

3.5 and above

1:577,791



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Esri, HERE, Garmin, Earthstar Geographics

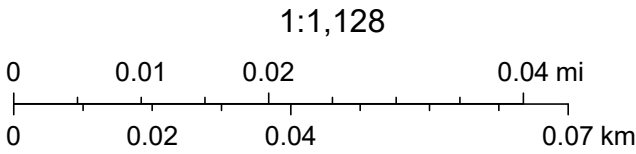
NM OCD - Land Ownership Map



7/31/2024, 10:41:08 AM

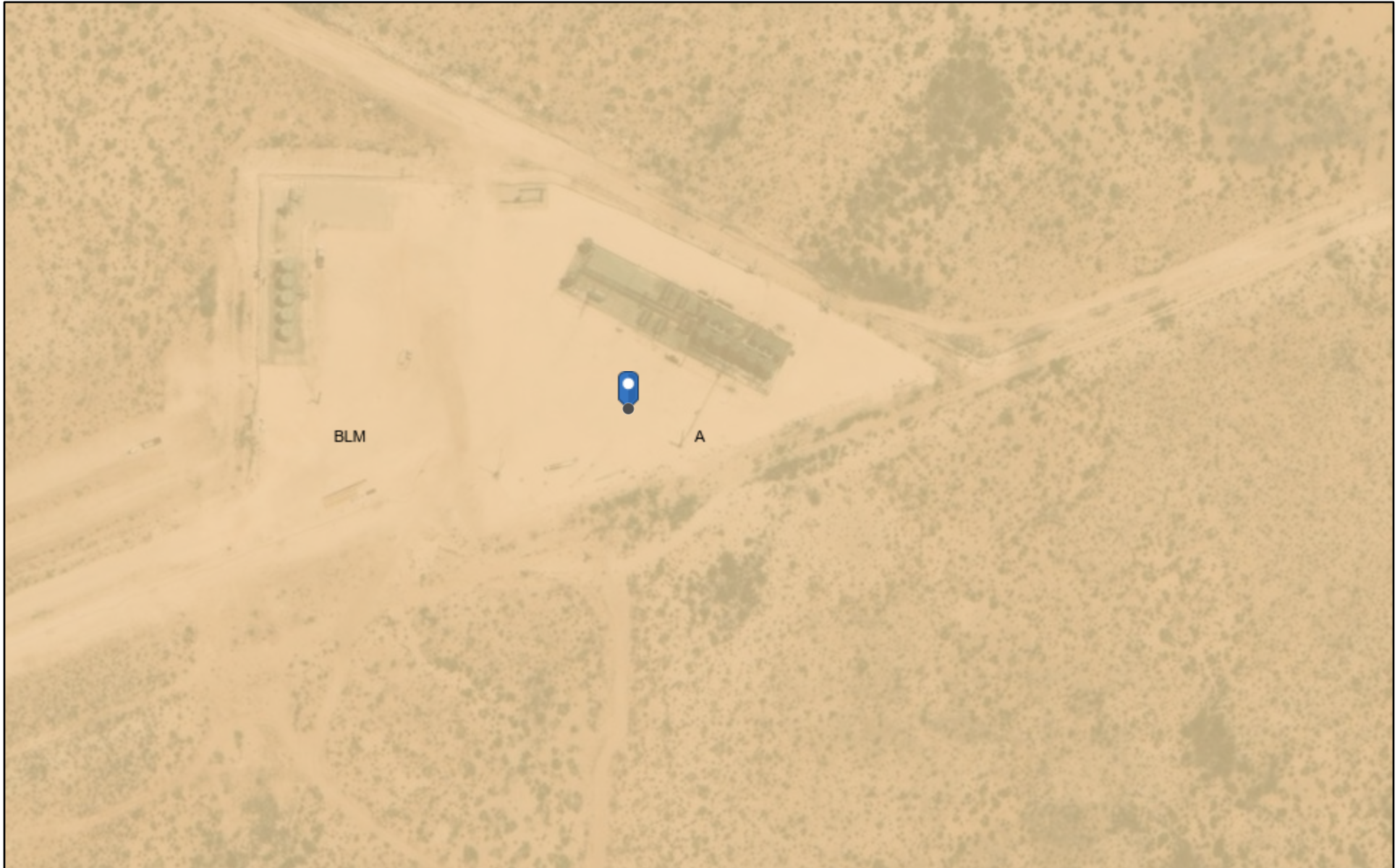
Land Ownership

- BLM
- PLSS Second Division
- PLSS First Division



U.S. BLM, Maxar, Microsoft, OCD, Esri, HERE, Garmin, iPC, BLM

OCD Land Ownership



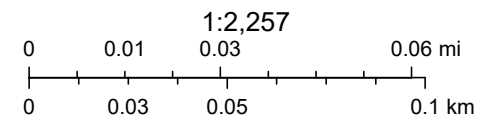
8/7/2024, 11:56:19 AM

Mineral Ownership

Land Ownership

A-All minerals are owned by U.S.

BLM



U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, iPC

APPENDIX C

Regulatory Correspondence

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
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District III

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

QUESTIONS

Action 370753

QUESTIONS

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 370753 |
| | Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L) |

QUESTIONS

| Prerequisites | |
|-------------------|------------------------------|
| Incident ID (n#) | nAPP2421335621 |
| Incident Name | NAPP2421335621 OCHOA CTB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Facility | [fAPP2135654952] Ochoa |

Location of Release Source

| | |
|-------------------------|------------|
| Site Name | Ochoa CTB |
| Date Release Discovered | 07/31/2024 |
| Surface Owner | Federal |

Liner Inspection Event Information*Please answer all the questions in this group.*

| | |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is the liner inspection surface area in square feet | 17,500 |
| 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 | 08/09/2024 |
| Time liner inspection will commence | 12:00 PM |
| Please provide any information necessary for observers to liner inspection | Please contact Nicholas Poole at Nicholas.Poole@tetrattech.com to coordinate for the Liner inspection. |
| Please provide any information necessary for navigation to liner inspection site | The site is located 0.25-miles north of Potash Mines Road approximately 2 miles east of the Pecos River northeast of Lovington, New Mexico. |

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CONDITIONS

Action 370753

CONDITIONS

| | |
|-------------------------------------------------------------------------|--------------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 370753 |
| | Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L) |

CONDITIONS

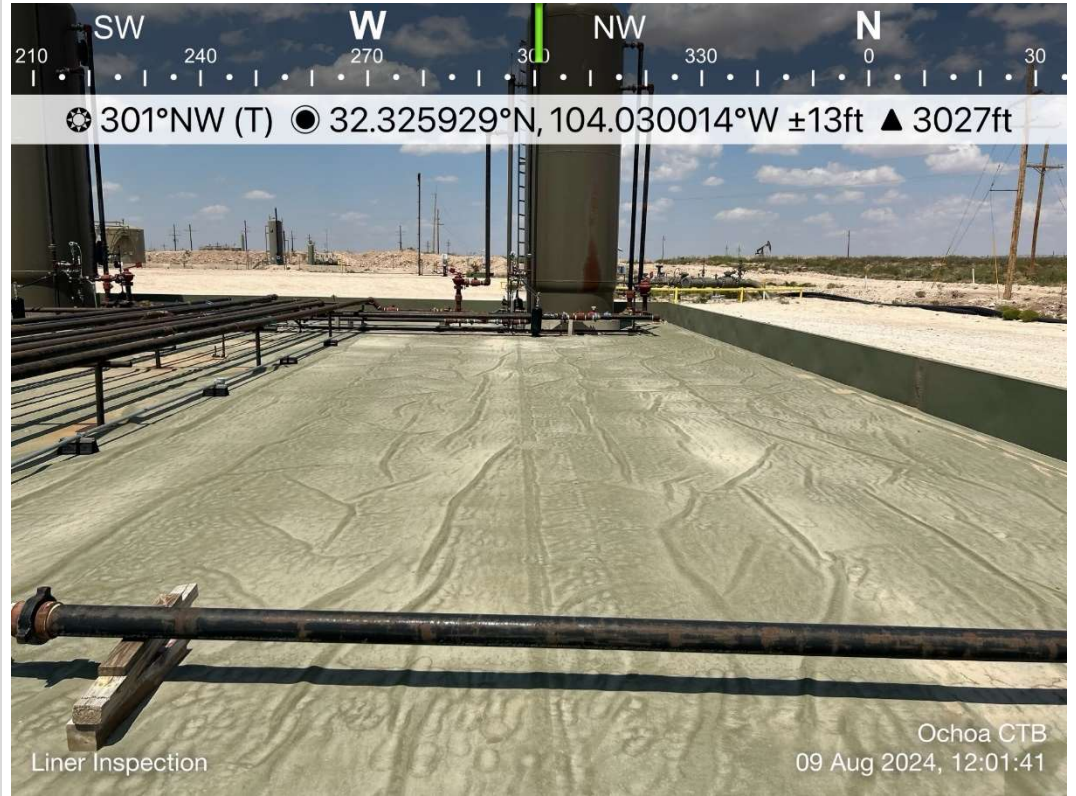
| Created By | Condition | Condition Date |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| cterhune | Failure to notify the OCD 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. | 8/6/2024 |

APPENDIX D

Photographic Documentation



| | | | |
|--------------------------------------------------|-------------|---------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | Site Signage. Ochoa CTB and location information. | 1 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |



| | | | |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | View northwest. Current lined containment area conditions; no rips, holes, or tears observed. | 2 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |



| | | | |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | View southeast. Current lined containment area conditions; no rips, holes, or tears observed. | 3 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |



| | | | |
|--------------------------------------------------|-------------|------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | View east. Current lined containment area conditions; no rips, holes, or tears observed. | 4 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |



| | | | |
|--------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | View northeast. Current lined containment area conditions; no rips, holes, or tears observed. | 5 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |



| | | | |
|--------------------------------------------------|-------------|------------------------------------------------------------------------------------------|----------|
| TETRA TECH, INC. PROJECT NO. 212C-MD-03579 | DESCRIPTION | View west. Current lined containment area conditions; no rips, holes, or tears observed. | 6 |
| | SITE NAME | Ochoa CTB Release | 8/9/2024 |

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QUESTIONS

Action 375629

QUESTIONS

| | |
|-----------------------------------------------------------------------------|----------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: |
| | 260297 |
| | Action Number: |
| | 375629 |
| Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2421335621 |
| Incident Name | NAPP2421335621 OCHOA CTB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [fAPP2135654952] Ochoa |

| | |
|-------------------------------------------------------|------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Ochoa CTB |
| Date Release Discovered | 07/31/2024 |
| Surface Owner | Federal |

| | |
|------------------------------------------------------------------------------------------------------|------------------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| 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 | |
| <i>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.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Tank (Any) Produced Water Released: 20 BBL Recovered: 20 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) | On July 31, 2024, BTA operations discovered an approximately 1/4-inch hole in a produced water storage tank that resulted in a release of approximately 20 bbls of produced water into the tank battery lined secondary containment structure. Initial response emptied the tank and recovered the the full amount of released produced water from within the lined secondary containment structure. |

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QUESTIONS, Page 2

Action 375629

QUESTIONS (continued)

| | | |
|-------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: | 260297 |
| | Action Number: | 375629 |
| | 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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 08/20/2024 |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|

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QUESTIONS, Page 3

Action 375629

QUESTIONS (continued)

| | |
|-------------------------------------------------------------------------|-------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: |
| | 260297 |
| | Action Number: |
| | 375629 |
| | 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 51 and 75 (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 ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1000 (ft.) and ½ (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 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1000 (ft.) and ½ (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 | Medium |
| A 100-year floodplain | Between 500 and 1000 (ft.) |
| 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 |
| 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. | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | Yes |
| 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. | |
| On what estimated date will the remediation commence | 08/09/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 08/09/2024 |
| On what date will (or was) the remediation complete(d) | 08/09/2024 |
| What is the estimated surface area (in square feet) that will be remediated | 17465 |
| What is the estimated volume (in cubic yards) that will be remediated | 0 |
| 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. | |
| 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. | |

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QUESTIONS, Page 4

Action 375629

QUESTIONS (continued)

| | |
|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: 260297 |
| | Action Number: 375629 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS**Remediation Plan (continued)**

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|--------------------------------------------------------------------------------|-----|
| Is (or was) there affected material present needing to be removed | No |
| Is (or was) there a power wash of the lined containment area (to be) performed | Yes |
| OTHER (Non-listed remedial process) | No |

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 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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 08/20/2024 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.

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QUESTIONS, Page 6

Action 375629

QUESTIONS (continued)

| | | |
|-------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: | 260297 |
| | Action Number: | 375629 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|---------------------------------------------------------------------------------------------------------|-------------------|
| Liner Inspection Information | |
| Last liner inspection notification (C-141L) recorded | 370753 |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | 08/09/2024 |
| Was all the impacted materials removed from the liner | Yes |
| What was the liner inspection surface area in square feet | 17500 |

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 | 17465 |
| What was the total volume (cubic yards) remediated | 0 |
| Summarize any additional remediation activities not included by answers (above) | The liner was intact with no visible rips or tears and encompassed by an approximately 2-foot-tall muscle wall. The liner was anchored on the interior. At the time of the inspection, the liner was intact and had the ability to contain the documented release. |

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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 08/20/2024 |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------|

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CONDITIONS

Action 375629

CONDITIONS

| | |
|-----------------------------------------------------------------------------|----------------|
| Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701 | OGRID: |
| | 260297 |
| | Action Number: |
| | 375629 |
| Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

CONDITIONS

| | | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Created By | Condition | Condition Date |
| rhamlet | We have received your Remediation Closure Report for Incident #NAPP2421335621 OCHOA CTB, thank you. This Remediation Closure Report is approved. | 8/23/2024 |