

OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

| | | | |
|-----------------|--|------------|-------|
| Submission ID: | 290463 | Districts: | Hobbs |
| Operator: | [215099] CIMAREX ENERGY CO. | Counties: | Lea |
| Description: | CIMAREX ENERGY CO. [215099] , Dos Equis 12-13 Fed Com CTB , nAPP2333673165 | | |
| Status: | SUBMITTED | | |
| Status Date: | 12/04/2023 | | |
| References (2): | fAPP2125048194, nAPP2333673165 | | |

Forms

| | |
|--------------|------------------------------------|
| Attachments: | Volume Calculation |
| | Photographs |

Questions

Prerequisites

| | |
|-------------------|--|
| Incident Operator | [215099] CIMAREX ENERGY CO. |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Received |
| Incident Well | Unavailable. |
| Incident Facility | [fAPP2125048194] DOS EQUIS 12-13 FED COM |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|-----------------------------|
| Site Name | Dos Equis 12-13 Fed Com CTB |
| Date Release Discovered | 12/02/2023 |
| 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 |

to fresh water

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 Dump Line Produced Water Released: 24 BBL Recovered: 24 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) | The 8" bulk water line from the separators to water tanks developed a hole in a weld. A total of 24 barrels produced water released into lined containment and all fluids were recovered. The containment will be washed and a liner inspected. Released: 24 barrels produced water Recovered: 24 barrels produced water |

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 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 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 the operator 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 constitute acceptance 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: Laci Luig Title: ES&H Specialist Email: Laci.Luig@coterra.com Date: 12/04/2023 |
|--|---|

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) | Not answered. |
| What method was used to determine the depth to ground water | Not answered. |
| Did this release impact groundwater or surface water | Not answered. |

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

| | |
|--|---------------|
| Any other fresh water well or spring | Not answered. |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Not answered. |
| A wetland | Not answered. |
| A subsurface mine | Not answered. |
| An (non-karst) unstable area | Not answered. |
| Categorize the risk of this well / site being in a karst geology | Not answered. |
| A 100-year floodplain | Not answered. |
| Did the release impact areas not on an exploration, development, production, or storage site | Not answered. |

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 then it should consult with the division to determine if another remediation plan submission is required.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

No conditions found for this submission.

Reasons

No reasons found for this submission.

Go Back



Liner Integrity Certification

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

Facility ID: fAPP2125048194

Date: 1/11/2024

Incident ID(s): nAPP2333673165

- ☒ Responsible Party has visually inspected the liner.
- ☒ Liner remains intact and was able to contain the leak in question.
- ☒ At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.
- ☒ Photographs illustrating liner integrity are included.



CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM





CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM



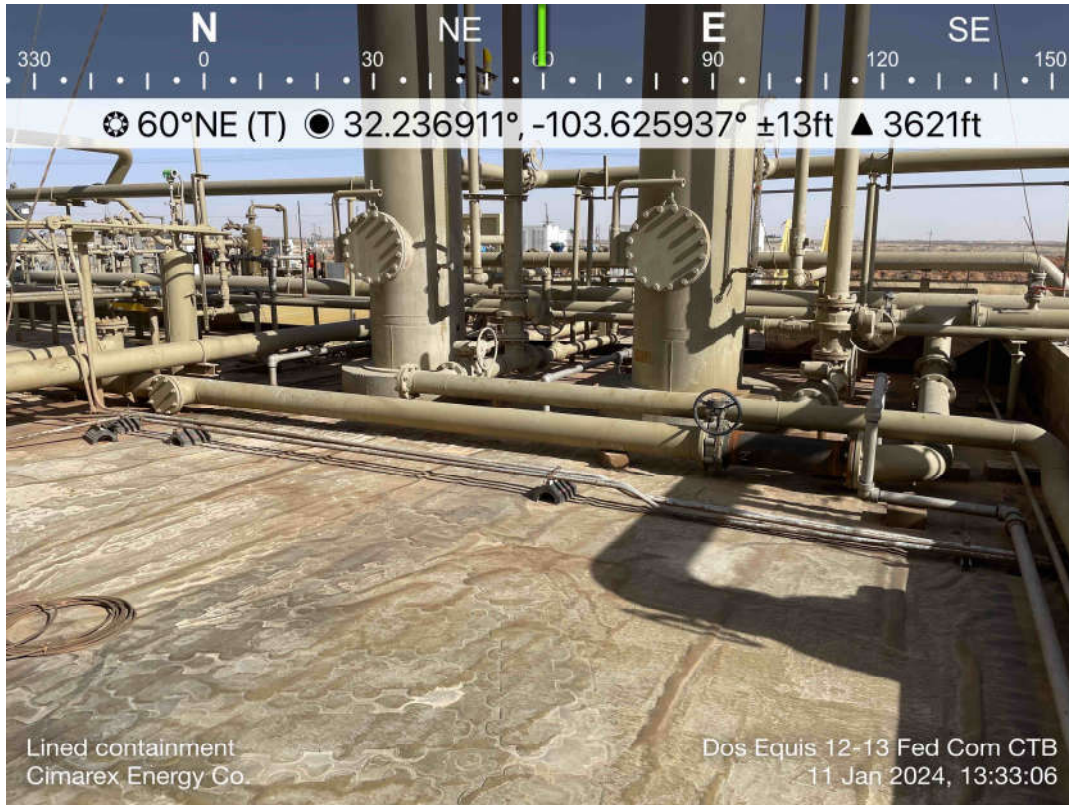


CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM



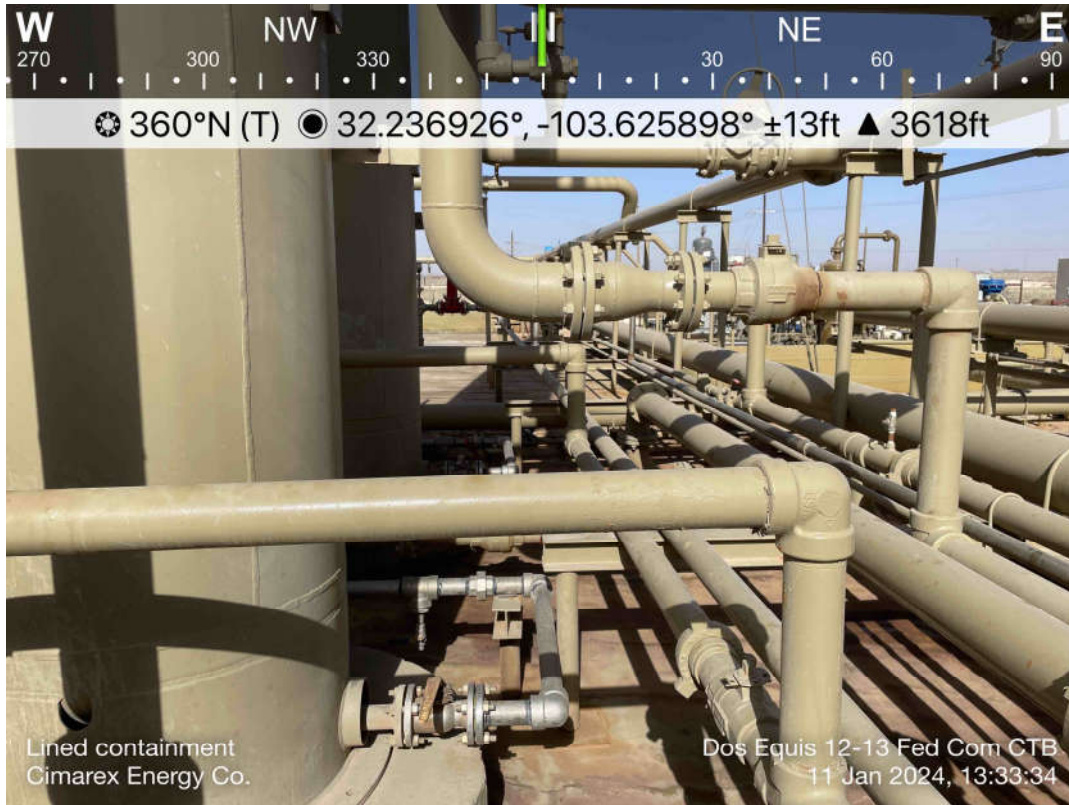


CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM





CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM



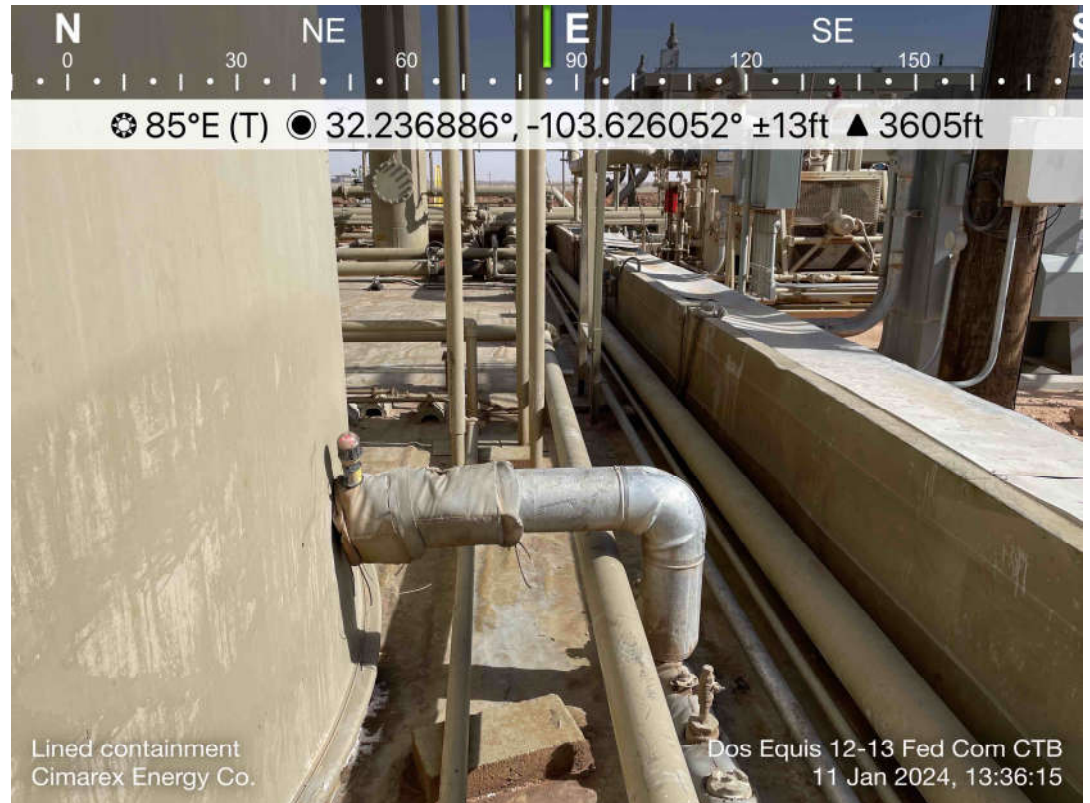
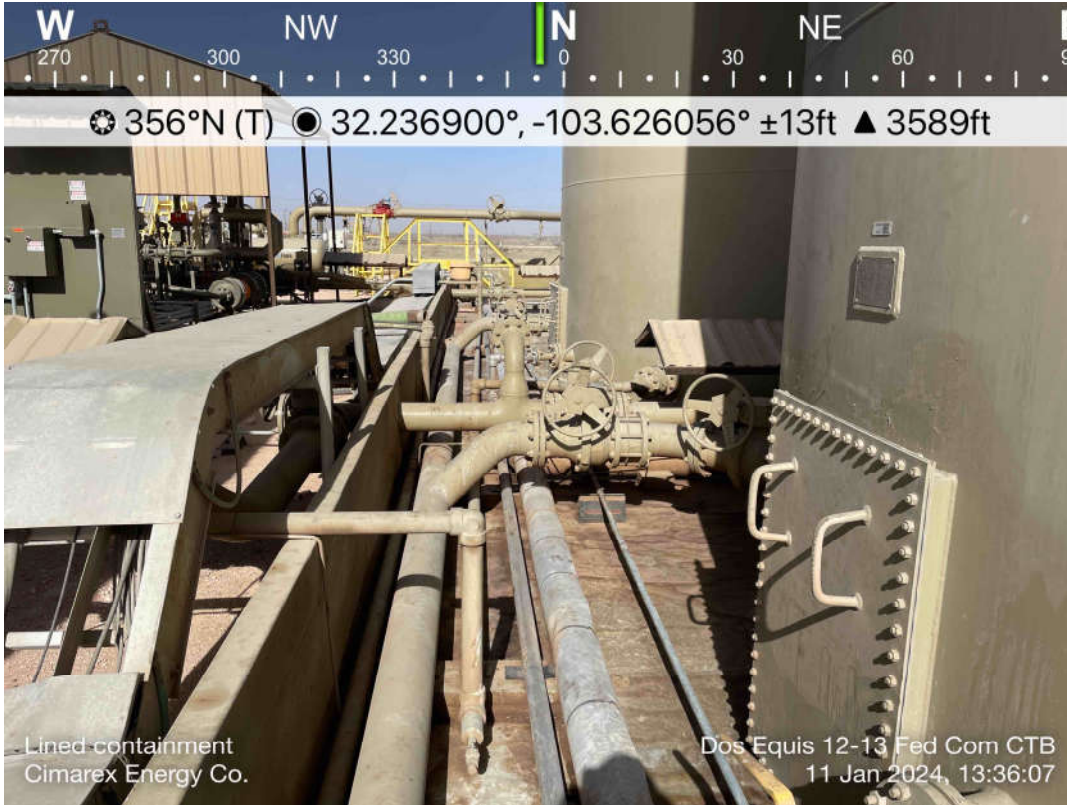


CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM







CIMAREX ENERGY CO.
DOS EQUIS 12-13 FED COM CTB
LEA CO, NM

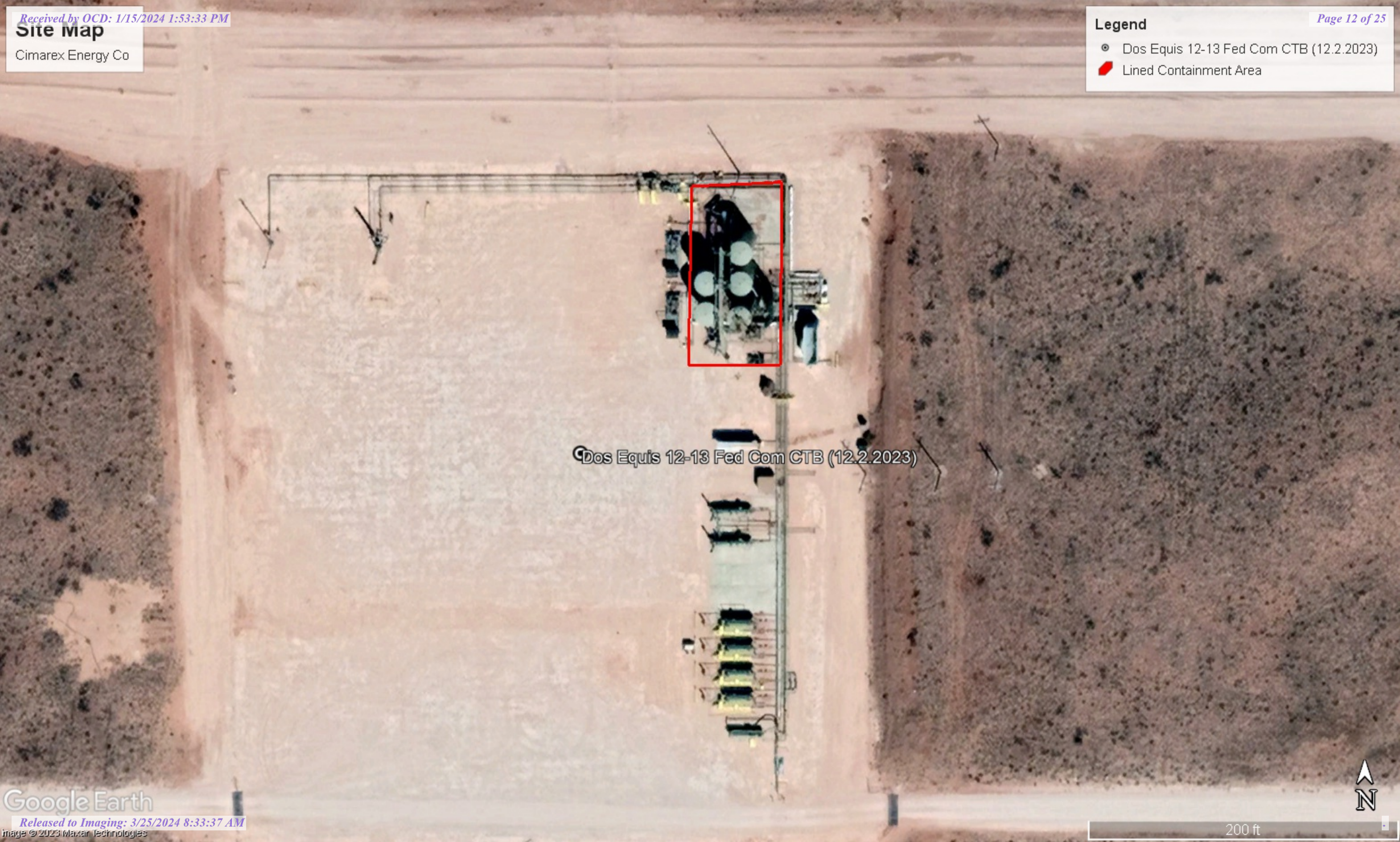


Site map

Cimarex Energy Co

Legend

-  Dos Equis 12-13 Fed Com CTB (12.2.2023)
-  Lined Containment Area



Dos Equis 12-13 Fed Com CTB (12.2.2023)



Nearest water well

Cimarex Energy Co

Legend

- 0.29 Miles
- 0.40 Miles
- 0.50 Mile Radius
- 0.85 Miles
- Dos Equis 12-13 Fed Com CTB (12.2.2023)
- Groundwater Determination Bore



3000 ft

Low Karst

Cimarex Energy Co

Legend

- Dos Equis 12-13 Fed Com CTB (12.2.2023)
- Low

Dos Equis 12-13 Fed Com CTB (12.2.2023)





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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| C 01932 | C | ED | | 3 | 1 | 12 | 24S | 32E | | 628633 | 3567188* | 851 | 492 | | |
| C 04551 POD1 | CUB | LE | | 4 | 4 | 3 | 31 | 23S | 33E | 630671 | 3569556 | 2407 | | | |
| C 03591 POD1 | CUB | LE | | 2 | 1 | 4 | 05 | 24S | 33E | 632731 | 3568518 | 3458 | | | |
| C 03565 POD3 | CUB | LE | | | 3 | 4 | 08 | 24S | 33E | 632763 | 3566546 | 3468 | | 1533 | |
| C 03528 POD1 | C | LE | | 1 | 1 | 2 | 15 | 24S | 32E | 626040 | 3566129 | 3651 | 541 | 133 | 408 |
| C 02350 | CUB | ED | | | 4 | 3 | 10 | 24S | 32E | 625826 | 3566333* | 3783 | 60 | | |
| C 03527 POD1 | C | LE | | 1 | 2 | 3 | 03 | 24S | 32E | 625770 | 3568487 | 3789 | 500 | | |

Average Depth to Water: **833 feet**

Minimum Depth: **133 feet**

Maximum Depth: **1533 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 629426.9

Northing (Y): 3567495.6

Radius: 4000

*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.

1/12/24 7:41 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER








| | | | |
|----------------|------------------------------------|-----------|--------------------------------|
| Project Name : | Dos Equis 12 Federal Com 3H | Date : | Thursday, April 6, 2023 |
| Project No. : | 1242 | Sampler : | Michael Collier |
| Location : | Lea County, New Mexico | Driller : | H&R Enterprises |
| Coordinates : | 32.238879°, -103.63003° | Method : | Air Rotary |
| Elevation : | 3,606' | | |

| Depth (ft.) | WL | Soil Description | Lithology | Depth (ft.) | WL | Soil Description | Lithology |
|-------------|----|---|-----------|-------------|----|---|-----------|
| 0 | | (0') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 50 | | (50') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | |
| 5 | | (5') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 55 | | (55') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | |
| 10 | | (10') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 60 | | (60') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 15 | | (15') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 65 | | (65') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 20 | | (20') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 70 | | (70') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 25 | | (25') - White/Grey well graded gravel, caliche, no organics, dry (GM). | | 75 | | (75') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 30 | | (30') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | | 80 | | (80') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 35 | | (35') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | | 85 | | (85') - Red, Red Bed Sands, 70% Silty Sand, 30% Clay, dry (SC). | |
| 40 | | (40') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | | 90 | | (90') - Red, Red Bed Clayey Sands, 70% Clay, 30% Silty Sands, dry (CL). | |
| 45 | | (45') - Light brown/Red, Red Bed Sands, 90% Silty Sand, 10% Clay, dry (SM). | | 95 | | (95') - Red, Red Bed Clayey Sands, 70% Clay, 30% Silty Sands, dry (CL). | |
| 50 | | | | 105 | | (105') - Red, Red Bed Clayey Sands, 70% Clay, 30% Silty Sands, dry (CL). | |

Comments : Boring terminated at 105' with no presence of groundwater or moisture.
Well measured 4/10/2023 with no detection of groundwater

Dry @ 105'

| | | | | | | | | | | | | | | |
|---|----------------|---|---|--------------------------------|---------------------|--|---|-------------------------------|------------------|-------------------|--|--|---------|--|
| 212C-MD-02921 | |  TETRA TECH | | LOG OF BORING DTW | | | | Page 1 of 1 | | | | | | |
| Project Name: Shurvessa Interconnect Release | | | | | | | | | | | | | | |
| Borehole LocationGPS Coordinate: 32.241447, -103.623363 | | | | | | Surface Elevation: ft | | | | | | | | |
| Borehole Number: GWDB | | | | Borehole Diameter (in.): | | Date Started: 12/1/2022 | | Date Finished: 12/1/2022 | | | | | | |
| DEPTH (ft) | OPERATION TYPE | SAMPLE | CHLORIDE FIELD SCREENING (ppm) | VOC FIELD SCREENING (ppm) | SAMPLE RECOVERY (%) | MOISTURE CONTENT (%) | DRY DENSITY (pcf) | LIQUID LIMIT | PLASTICITY INDEX | MINUS NO. 200 (%) | GRAPHIC LOG | WATER LEVEL OBSERVATIONS | | |
| | | | | | | | | | | | | While Drilling <input checked="" type="checkbox"/> DRY ft Upon Completion of Drilling <input checked="" type="checkbox"/> DRY ft | | |
| Remarks: | | | | | | | | | | | | DEPTH (ft) | REMARKS | |
| MATERIAL DESCRIPTION | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | |  | -SM- TOPSOIL (Sand): Reddish brown, loose, dry | 4 | |
| | | | | | | | | | | |  | -SM- SAND: Brown, loose, dry | 8 | |
| 10 | | | | | | | | | | |  | -SM- SAND: Brown to reddish brown, medium dense, dry, moderately cemented, with frequent clay seams | 20 | |
| 15 | | | | | | | | | | |  | -SM- SAND: Brown, very loose, dry, trace gravel | | |
| 20 | | | | | | | | | | | | -- Transitions to with occasional cemented layers | | |
| 25 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | |
| Bottom of borehole at 55.0 feet. | | | | | | | | | | | | | | |
| Sampler Types: | | <input checked="" type="checkbox"/> Split Spoon | <input type="checkbox"/> Acetate Liner | Operation Types: | | <input checked="" type="checkbox"/> Hand Auger | Notes: | | | | | | | |
| | | <input checked="" type="checkbox"/> Shelby | <input type="checkbox"/> Vane Shear | | | <input type="checkbox"/> Mud Rotary | Surface elevation is an estimated value from Google Earth data. | | | | | | | |
| | | <input checked="" type="checkbox"/> Bulk Sample | <input checked="" type="checkbox"/> Discrete Sample | | | <input type="checkbox"/> Continuous Flight Auger | | | | | | | | |
| | | <input checked="" type="checkbox"/> Grab Sample | <input type="checkbox"/> Test Pit | | | <input type="checkbox"/> Wash Rotary | | | | | | | | |
| | | | | | | <input type="checkbox"/> Direct Push | | | | | | | | |
| | | | | | | <input type="checkbox"/> Core Barrel | | | | | | | | |
| Logger: Joe Tyler | | | | Drilling Equipment: Air Rotary | | | | Driller: Scarborough Drilling | | | | | | |

TEST HOLES • WATER WELLS

LAMESA, TEXAS 79331

2001 South Hwy. 87

WELL LOG.

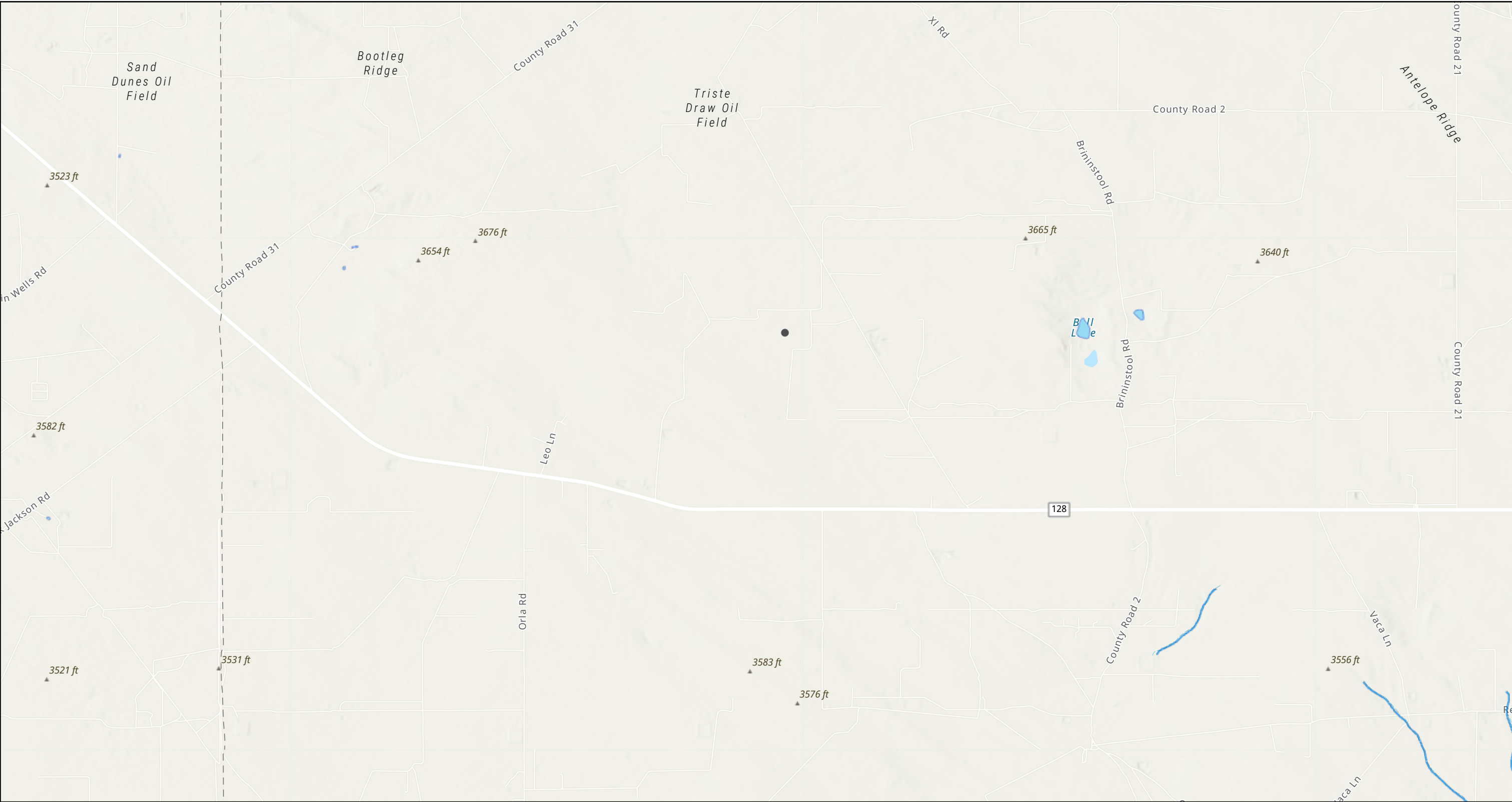
| From | To | FORMATION |
|------|----|---------------------------|
| 0 | 6 | Top Soil |
| 6 | 28 | Caliche |
| 28 | 55 | Sand |
| | | BH-1 |
| | | Cimarex - Dos Equis |
| | | 13 Fed Corn 2 |
| | | Plugged w/ Hole Plug |
| | | 32, 22 3884, -103, 626612 |

Driller

Lee Stanley
GIBBS PRINTING CO.-D

GIBBS PRINTING CO.-LAMESA, TX

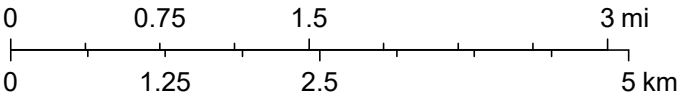
Dos Equis 12-13 Fed Com CTB (12.02.2023)



1/12/2024, 8:11:28 AM

- OSW Water Bodys
- OSE Streams

1:72,224



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, NM OSE

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 303602

QUESTIONS

| | |
|---|---|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: 215099 |
| | Action Number: 303602 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2333673165 |
| Incident Name | NAPP2333673165 DOS EQUIS 12-13 FED COM CTB @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [fAPP2125048194] DOS EQUIS 12-13 FED COM |

| | |
|--|-----------------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | Dos Equis 12-13 Fed Com CTB |
| Date Release Discovered | 12/02/2023 |
| 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 Dump Line Produced Water Released: 24 BBL Recovered: 24 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) | The 8" bulk water line from the separators to water tanks developed a hole in a weld. A total of 24 barrels produced water was released into lined containment and all fluids were recovered. The containment will be washed and a liner inspection scheduled. Released: 24 barrels produced water Recovered: 24 barrels produced water |

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, Page 2

Action 303602

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: | 215099 |
| | Action Number: | 303602 |
| | 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 | <i>Unavailable.</i> |
| <i>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.</i> | |

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 | <i>Not answered.</i> |

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: Laci Luig Title: ES&H Specialist Email: Laci.Luig@coterra.com Date: 12/04/2023 |
|--|---|

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, Page 3

Action 303602

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: | 215099 |
| | Action Number: | 303602 |
| | 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 | Direct Measurement |
| 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 | Greater than 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 1 and 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Greater than 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 | Low |
| 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 |
| 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 | 01/02/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 01/11/2024 |
| On what date will (or was) the remediation complete(d) | 01/02/2024 |
| What is the estimated surface area (in square feet) that will be remediated | 5000 |
| 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. | |

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, Page 4

Action 303602

QUESTIONS (continued)

| | | |
|---|---|--------|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: | 215099 |
| | Action Number: | 303602 |
| | Action Type: | |
| | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| | |
|--|---|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| Is (or was) there affected material present needing to be removed | Yes |
| Is (or was) there a power wash of the lined containment area (to be) performed | Yes |
| OTHER (Non-listed remedial process) | No |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 01/15/2024 |
| <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> | |

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, Page 6

Action 303602

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: | 215099 |
| | Action Number: | 303602 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|---|-------------------|
| Liner Inspection Information | |
| Last liner inspection notification (C-141L) recorded | 300486 |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | 01/11/2024 |
| Was all the impacted materials removed from the liner | Yes |
| What was the liner inspection surface area in square feet | 5275 |

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 | 5000 |
| What was the total volume (cubic yards) remediated | 0 |
| Summarize any additional remediation activities not included by answers (above) | Vacuum truck recovered all fluids and power washed 5000 sq ft containment to remove staining. |

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: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 01/15/2024 |
|--|---|

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

CONDITIONS

Action 303602

CONDITIONS

| | |
|---|----------------|
| Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706 | OGRID: |
| | 215099 |
| | Action Number: |
| | 303602 |
| Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

CONDITIONS

| | | |
|------------|--|----------------|
| Created By | Condition | Condition Date |
| nvelez | Liner inspection approved, release resolved. | 3/25/2024 |