



13212 N MacArthur Blvd  
Oklahoma City, Oklahoma 73142  
Tel. 832.374.0004  
ntgenvironmental.com

January 15, 2025

Mike Bratcher  
District Supervisor  
Oil Conservation District  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Incident Closure Report  
Caza Operating, LLC  
Forehand Ranch 22 State 8H  
Unit N, Section 22, Township 23S, Range 27E  
Site Coordinates: 32.289573, -104.179761  
Eddy County, New Mexico  
Incident ID: nAPP2100625669**

## **Introduction**

NTG Environmental, LLC (NTGE), on behalf of Caza Operating, LLC (Caza), submits this Incident Closure Report to the New Mexico Oil Conservation Division (NMOCD). This report provides documentation of liner inspection activities conducted to date in the affected areas at the Forehand Ranch 22 State 8H (Site). The Site is in Unit Letter N, Section 22, of Township 23 South and Range 27 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.289573° N Latitude and -104.179761° W Longitude. The Site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

## **Background**

Based on the initial C-141 submitted by Caza and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on January 04, 2021. The release was the result of an equipment failure (treating tower), resulting in the release of two (2) barrels (bbls) of crude oil, two (2) bbls of produced water, and zero (0) bbls of condensate into lined containment, of which none were recovered for a net loss of two (2) barrels (bbls) of crude oil, two (2) bbls of produced water, and zero (0) bbls of condensate. Upon discovery the well was shut-in, and the area was secure. The liner area is shown in Figure 3.

## **Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a ½-mile radius of the Site. Point of Diversion: C-01837 was drilled in 1978 to a depth of 350 feet (ft) below ground surface (bgs). One sensitive receptor (i.e., freshwater

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emergent wetland) is located 537 ft southwest of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a High Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is attached to the report.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

### ***General Site Characterization and Groundwater:***

Site Characterization	Average Groundwater Depth (ft)
High Karst	Unknown

*Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)*

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

### **Liner Inspection Activities**

On January 14, 2025, NTGE conducted site assessment activities to assess the integrity and state of the tank battery's secondary containment liner. Upon inspection it was noted that the liner was intact with no visible holes or breaches, and free of any standing fluids. A photographic log documenting the condition of the liner at the time of the inspection is attached.

### **Closure Request**

Based on the assessment and subsequent site assessment activities, the Site is compliant with NMOCD's regulatory requirements, and no further actions are required at the Site. Caza formally requests closure for the Site (**nAPP2100625669**). If you have any questions regarding this report or need additional information, please contact us on (832) 374-0004.

Sincerely,

NTG Environmental

  
Kellan Smith

NTGE Project No: 248970



Project Manager

Attachments:

Figures  
Site Characterization  
Photographic Log

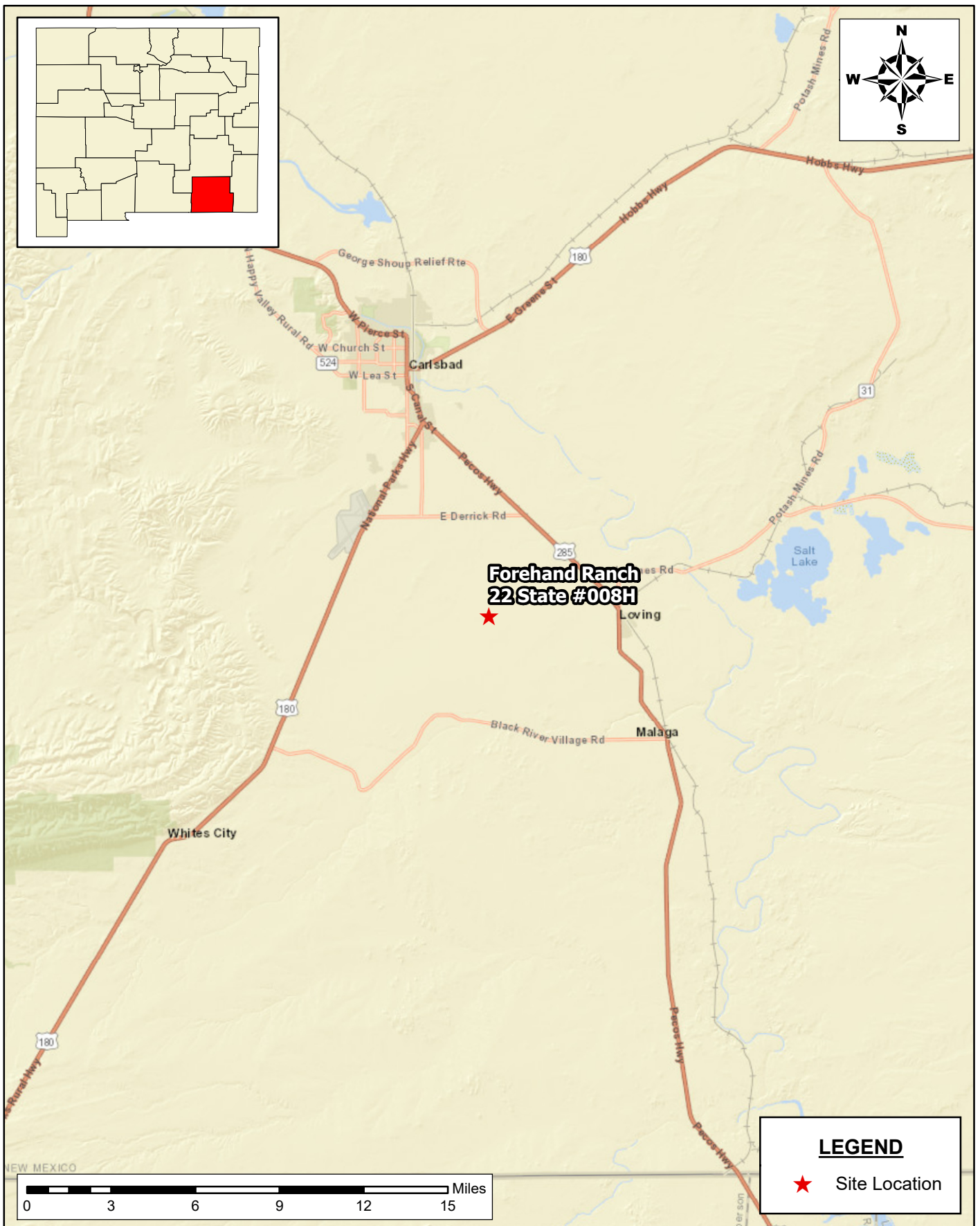
NTGE Project No: 248970



## **Figures**



Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\CAZA\RSC\248980 - Sioux 25-36 CTB\7 - Figures\GIS\Figure\_1\_SL.mxd



**SITE LOCATION MAP  
INCIDENT CLOSURE REPORT  
CAZA OPERATING, LLC  
FOREHAND RANCH 22 STATE 8H  
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 1/15/2025    PROJECT #: 248970

**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
Houston, Texas 77060  
T - 281.872.9300  
F - 281.872.4521  
Web: www.ntgenviroinmental.com



**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

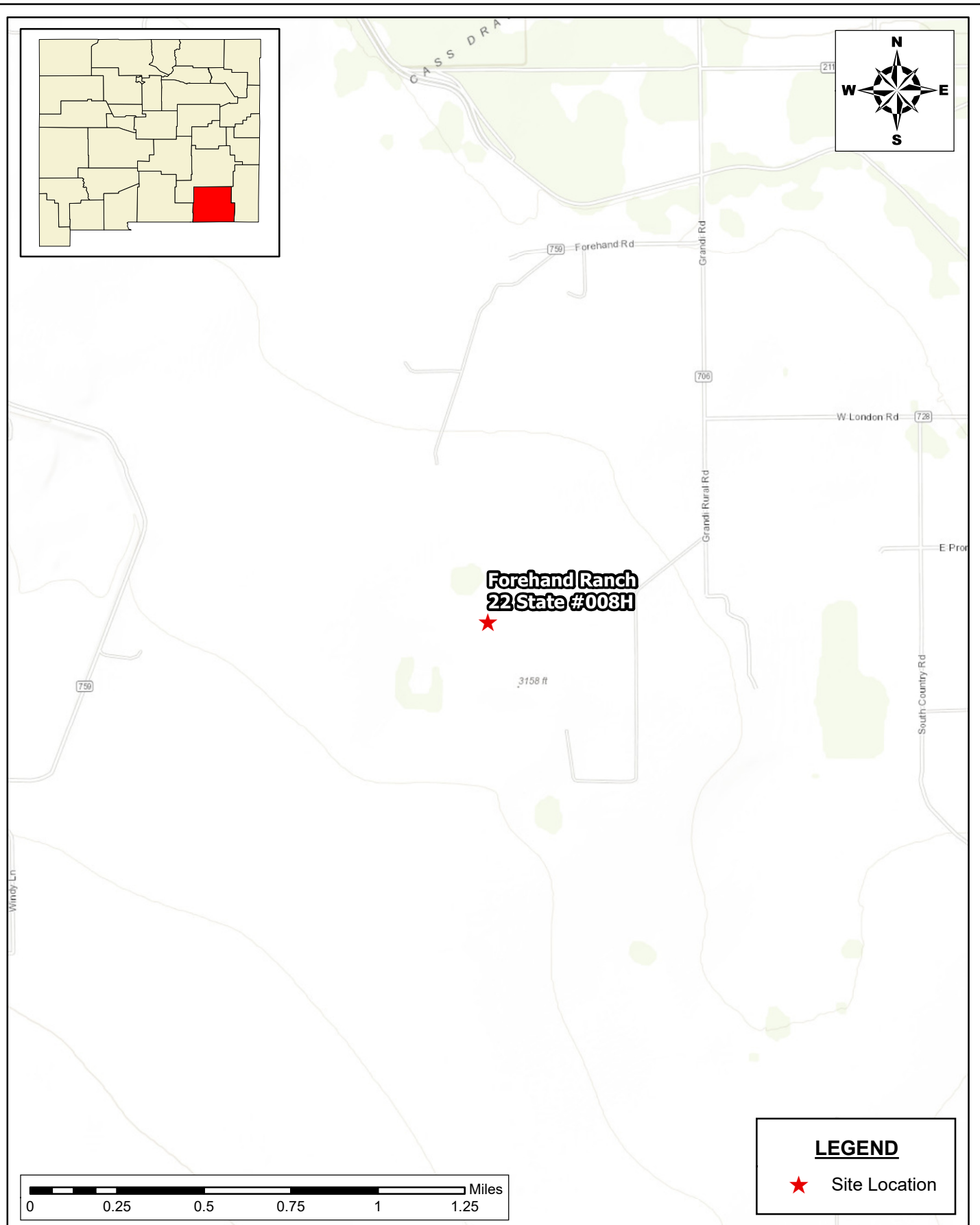
DRAWING NUMBER:

**FIGURE 1**

SHEET NUMBER:

**1 of 1**

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**TOPOGRAPHIC MAP  
INCIDENT CLOSURE REPORT  
CAZA OPERATING, LLC  
FOREHAND RANCH 22 STATE 8H  
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 1/15/2025    PROJECT #: 248970



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**NOTES:**

- 1. Base Image: ESRI Maps & Data 2013
- 2. Map Projection: NAD 1983

DRAWING NUMBER:

**FIGURE 2**

SHEET NUMBER:

**1 of 1**



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**SECONDARY CONTAINMENT MAP  
INCIDENT CLOSURE REPORT**  
CAZA OPERATING, LLC  
FOREHAND RANCH 22 STATE 8H  
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 1/15/2025

PROJECT #: 248970



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Houston, Texas 77060  
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**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

**Site Characterization**



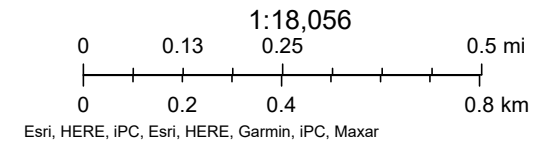
# OSE POD Location Map



1/15/2025, 10:04:47 AM

- Override 1
- Pending
- Active
- OSE District Boundary

- New Mexico State Trust Lands
- Both Estates
- NHD Flowlines
- Connector
- Stream River



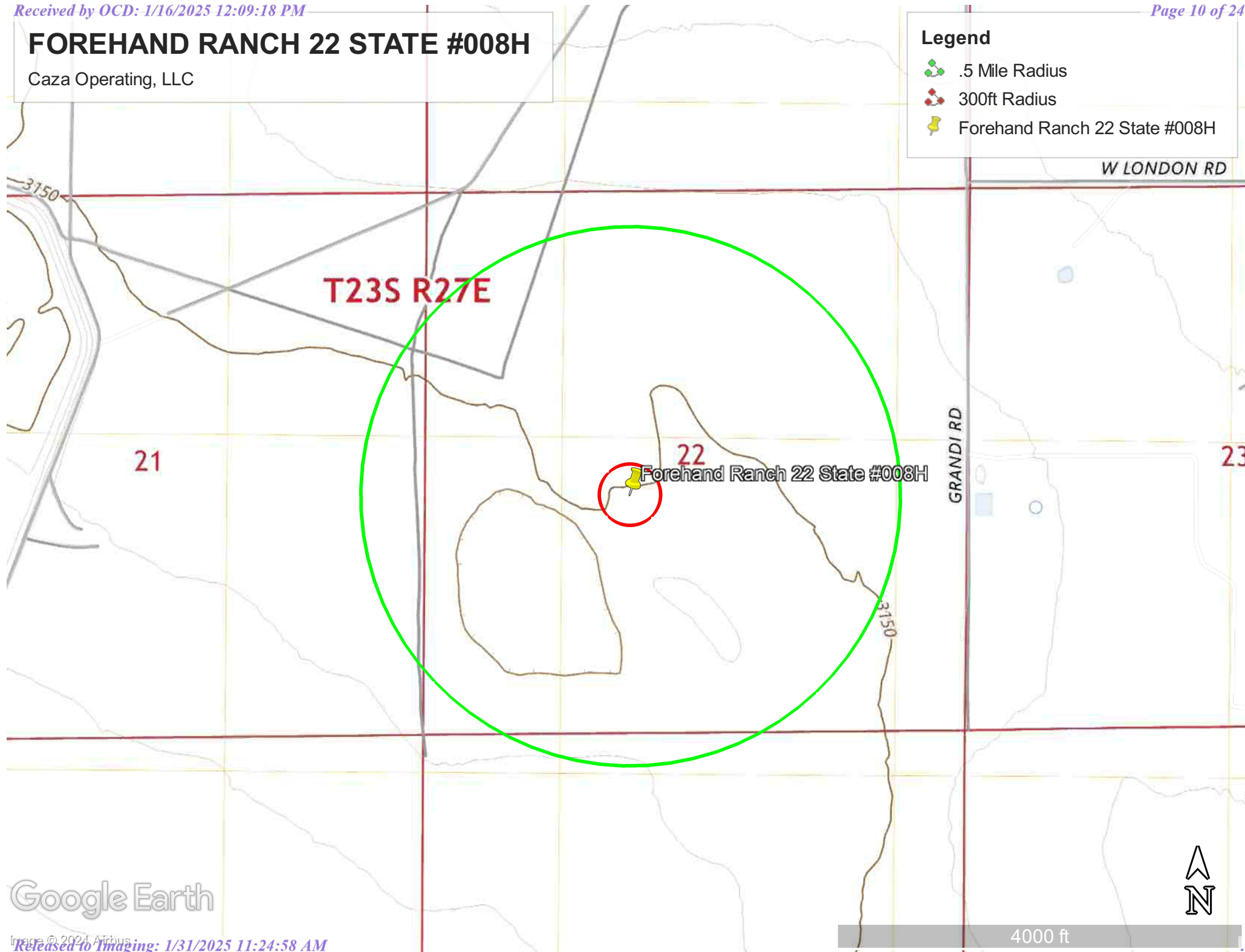


# FOREHAND RANCH 22 STATE #008H

Caza Operating, LLC

## Legend

-  .5 Mile Radius
-  300ft Radius
-  Forehand Ranch 22 State #008H



Google Earth



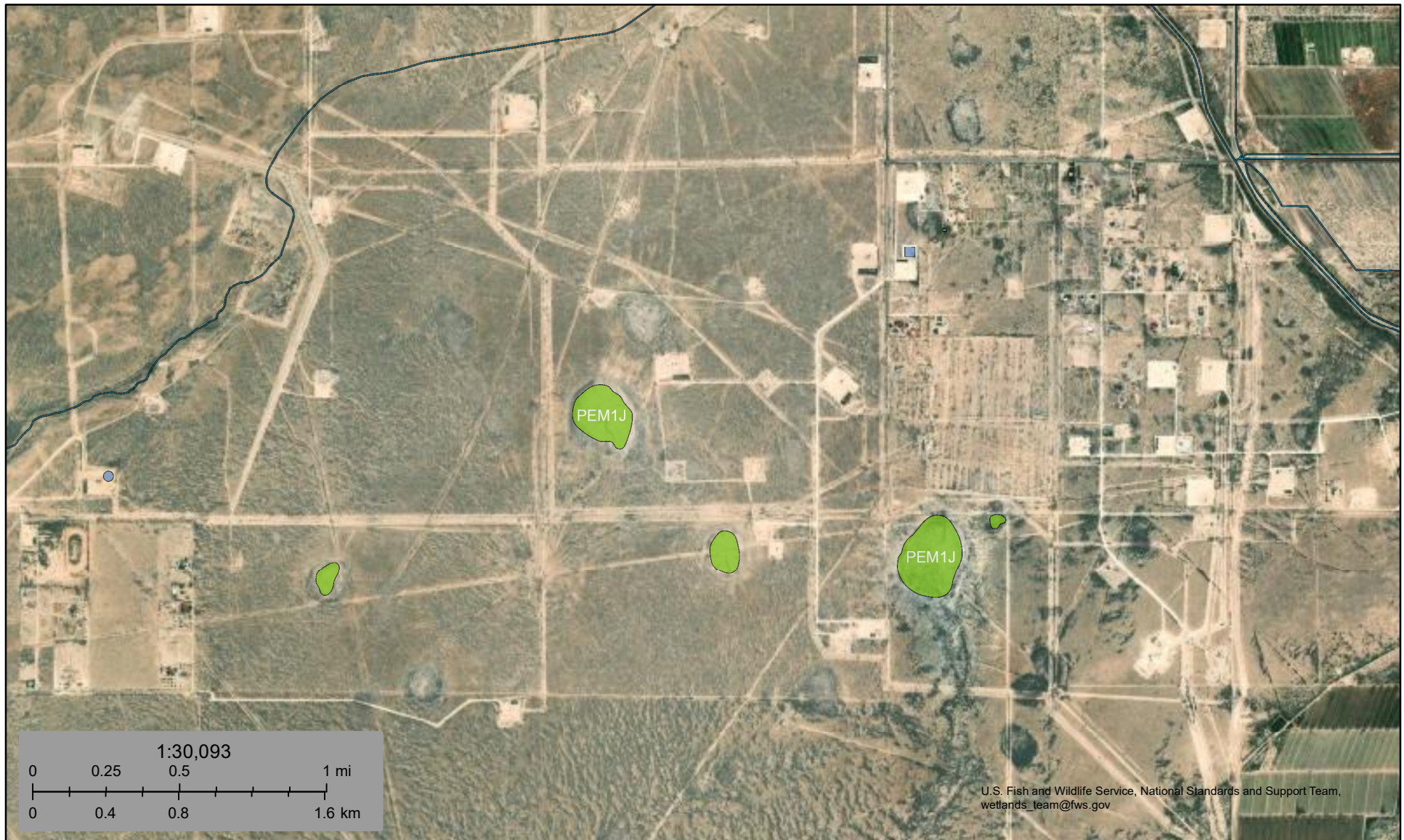
4000 ft



U.S. Fish and Wildlife Service

## National Wetlands Inventory

## Wetlands Map



September 4, 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.



READ INSTRUCTIONS ON BACK

Revised March 1972

**APPLICATION TO APPROPRIATE UNDERGROUND WATERS  
IN ACCORDANCE WITH SECTION 75-11-1 NEW MEXICO STATUTES**

STATE ENGINEER OFFICE  
SANTA FE, N.M. 87501

1. Name and Address of Applicant:

File No. C-1837Received: Dec. 14, 1978HeycoBox 1933Roswell, NM 88201

2. Describe well location under one of the following subheadings:

a. 1/4 1/4 1/4 of Sec. 22 Twp. 23 Rge. 27 N. M. P. M., in  
County.

b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_

c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
Subdivision, recorded in \_\_\_\_\_ County.d. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N. M. Coordinate System \_\_\_\_\_ Zone  
in the \_\_\_\_\_ Grant.e. Give street address or route and box No. of property upon which well is to be located, or location by direction and  
distance from known landmarks 1980 ft. from North line and 660 ft. from West line.  
Southwest of Otis 4 or 5 miles.3. Approximate depth (if known) 350 ft. feet; outside diameter of casing 8 5/8 inches.Name of driller (if known) unknown

4. Use of water (check appropriate box or boxes):

☐ Household, non-commercial trees, lawn and garden not to exceed 1 acre.☐ Livestock watering.☐ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with  
a commercial operation.☒ Prospecting, mining or drilling operations to discover or develop natural resources.☐ Construction of public works, highways and roads.

If any of the last three were marked, give name and nature of business under Remarks. (Item 5)

5. Remarks:

I, HEYCO, affirm that the foregoing statements are true to the best of my knowledge  
and belief and that development shall not commence until approval of the permit has been obtained.James Monroe

Applicant

By: James MonroeDate: December 13, 1978**ACTION OF STATE ENGINEER**This application is approved for the use indicated, subject to all general conditions and to the specific conditions numbered  
1, 3, 5a, 5d on the reverse side hereof. This permit will automatically expire unless this well is  
drilled or driven and the well record filed on or before December 31, 1979.

S. E. Reynolds, State Engineer

By:

Delbert W. Nelson

Assistant District II Supervisor

Date: December 18, 1978File No. C-1837



## GENERAL CONDITIONS OF APPROVAL

- A. The maximum amount of water that may be appropriated under this permit is 3 acre feet in any calendar year.
- B. The well shall be drilled only by a driller licensed in the State of New Mexico in accordance with Section 75-11-13 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 75-11-13).
- C. Driller's log must be filed in the office of the State Engineer within 10 days after the well is drilled or driven. Failure to file the log within that time shall result in automatic cancellation of the permit. Log forms will be provided by the State Engineer upon request.
- D. The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E. If the well under this permit is used at any time to serve more than one household, livestock in a commercial feed lot operation, or any other commercial purpose, the permittee shall comply with Specific Condition of Approval number 5(b).
- F. In the event this well is combined with other wells permitted under Section 75-11-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre feet per annum.

## SPECIFIC CONDITIONS OF APPROVAL

(Applicable only when so indicated on the other side of this form.)

- 1. Depth of the well shall not exceed the thickness of the (a) the valley fill or (b) Ogallala formation.
- 2. The well shall be constructed to artesian well specifications and the State Engineer Office shall be notified before casing is landed or cemented.
- 3. Appropriation and use of water under this permit shall not exceed a period of one year from the date of approval.
- 4. Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.
- 5. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the State Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water and pumping records shall be submitted to the District Supervisor (a) for each calendar month, on or before the 30th day of the following month (b) on or before the 10th of January, April, July and October of each year for the three preceding calendar months (c) for each calendar year on or before the 30th day of January of the following year. *(d) or upon completion of well if less than 30 days.*
- 6. The well shall be plugged upon completion of the permitted use and a plugging report shall be filed in the office of the State Engineer within 10 days.
- 7. Final approval for the use of the well shall be dependent upon a leakage test made by the State Engineer Office.
- 8. Use shall be limited strictly to household and/or drinking and sanitary purposes; water shall be conveyed from the well to the place of use in closed conduit and the effluent returned to the underground so that it will not appear on the surface. No irrigation of lawns, garden, trees or use in any type of pool or pond is authorized under this permit.

## INSTRUCTIONS

The application shall be made in the name of the actual user of the well for the purpose specified in the application.

The application shall be executed in triplicate and forwarded with a \$1.00 filing fee to the appropriate office of the State Engineer.

A separate application must be filed for each well to be drilled or used.

If well to be used is an existing well, an explanation (and file number, if possible) should be given under Remarks. (Item 5.)

Applications for appropriation, well logs and request for information in the following basins should be addressed to the State Engineer at the office indicated;

Bluewater, Estancia, Rio Grande, and Sandia Basins

District No. 1, 505 Marquette NW, Room 1023, Albuquerque, New Mexico 87101

Capitan, Carlsbad, Fort Sumner, Hondo, Jal, Lea, Penasco, Portales, Roswell, and Upper Pecos Basins

District No. 2, Box 1717, Roswell, New Mexico 88201

Animas, Gila-San Francisco, Hot Springs, Las Animas Creek, Lordsburg, Mimbres,

Nutt-Hockett, Playas, San Simon, and Virden Valley Basins

District No. 3, Box 844, Deming, New Mexico 88030

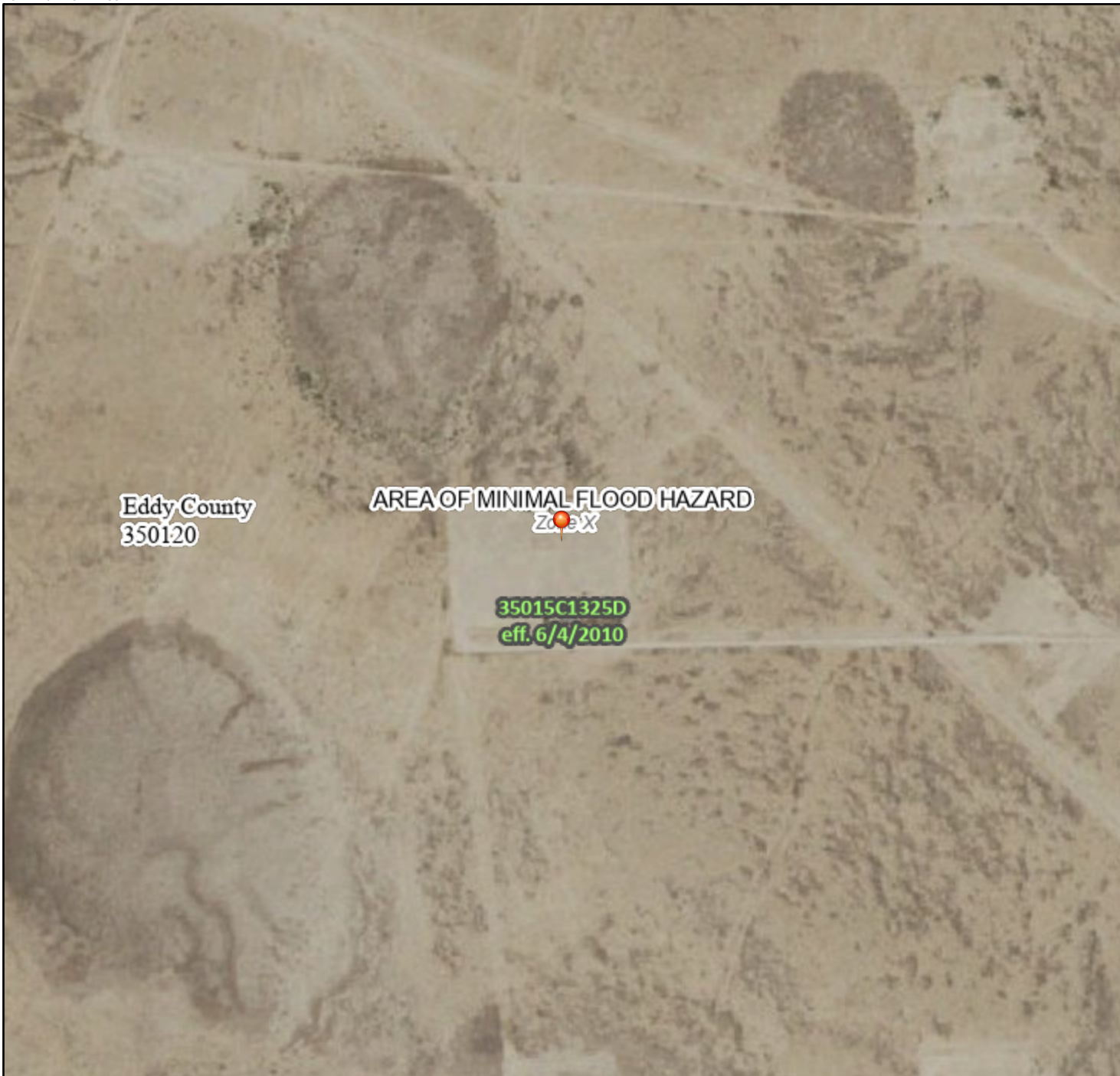
Canadian River Basin

State Engineer Office, State Capitol, Bataan Memorial Bldg., Santa Fe, New Mexico 87501

# National Flood Hazard Layer FIRMMette



104°11'6"W 32°17'38"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect 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 11:54 AM 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.

# OCD Well Locations



7/31/2024, 9:46:54 AM

Wells - Large Scale

Karst Occurrence Potential

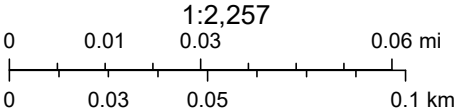
PLSS First Division

Gas, Active

High

Gas, Cancelled

PLSS Second Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS

**Photographic Log**



**PHOTOGRAPHIC LOG**  
**Caza Operating, LLC**  
**FOREHAND RANCH 22 STATE 8H**

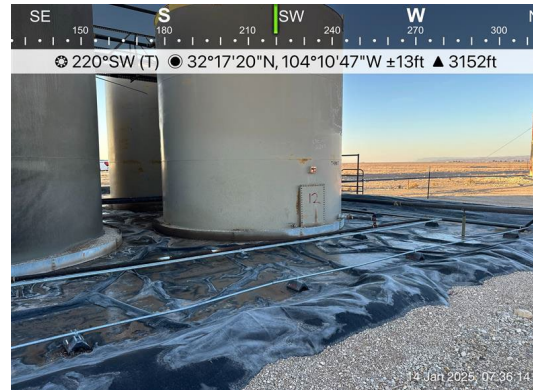
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**Photograph No. 1**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



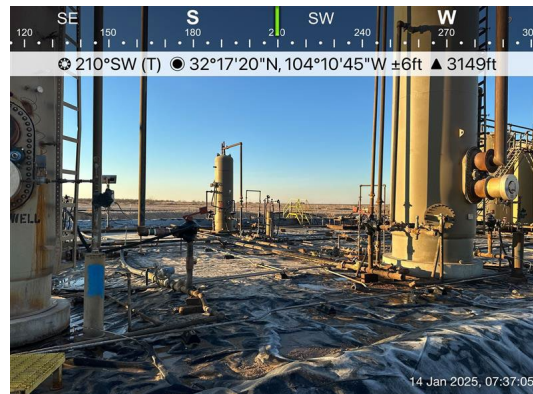
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**Photograph No. 2**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



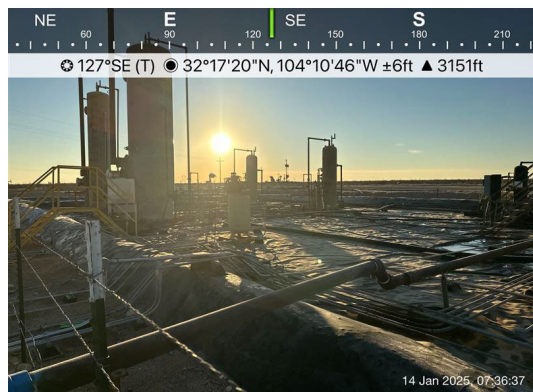
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**Photograph No. 3**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



**PHOTOGRAPHIC LOG**  
**Caza Operating, LLC**  
**FOREHAND RANCH 22 STATE 8H**

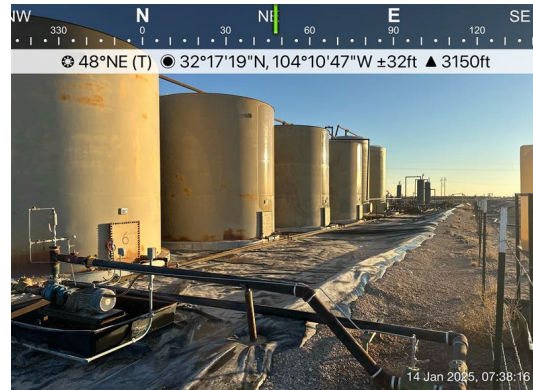
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**Photograph No. 4**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



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**Photograph No. 5**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



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**Photograph No. 6**

**Facility:** Forehand Ranch 22 State 8H

**County:** Eddy County, New Mexico

**Description:**  
View of Liner



Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 421631

**QUESTIONS**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2100625669
Incident Name	NAPP2100625669 FOREHAND RANCH 22 STATE 8H @ 30-015-43555
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-43555] FOREHAND RANCH 22 STATE #008H

**Location of Release Source**

Please answer all the questions in this group.

Site Name	FOREHAND RANCH 22 STATE 8H
Date Release Discovered	01/04/2021
Surface Owner	State

**Incident Details**

Please answer all the questions in this group.

Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	Cause: Equipment Failure   Treating Tower   Crude Oil   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Treating Tower   Produced Water   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Equipment Failure   Treating Tower   Condensate   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Equipment Failure   Treating Tower   [OBSOLETE] Natural Gas (Methane)   Released: 47 MCF   Recovered: 0 MCF   Lost: 47 MCF.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Received a phone call from the Eddy County fire dispatch (575) 615-7155 stating that the Forehand Ranch #8H tank battery in eddy county was on fire and emergency personal were on location. Dispatched the pumper to location. At this point it was determined that the 4x20 125psi heater treater for the FHR #8 well was on fire. The well was shut in and the fire department was able to put out the fire. Upon completion of exhausting the flames it was determined the fire was caused from a rubber gasket on the manway plate giving up and venting gas. When the gas came into contact with the hot exhaust from the fire tube it ignited. Both manway plates are still on the vessel. Corrective action is being taken.

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<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 421631

**QUESTIONS (continued)**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	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)	Yes, according to supplied volumes this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 08/14/2024
--	---



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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, Page 3

Action 421631

**QUESTIONS (continued)**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (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 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<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>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/10/2025
On what date will (or did) the final sampling or liner inspection occur	01/14/2025
On what date will (or was) the remediation complete(d)	01/14/2025
What is the estimated surface area (in square feet) that will be remediated	16000
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

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

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Action 421631

**QUESTIONS (continued)**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 01/16/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 421631

**QUESTIONS (continued)**

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	419557
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/14/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	16000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	16000
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	n/a
<i>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>	
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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 01/16/2025

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CONDITIONS

Action 421631

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 421631
	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 #NAPP2100625669 FOREHAND RANCH 22 STATE 8H, thank you. This Remediation Closure Report is approved.	1/31/2025