



February 6, 2025

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

**Re: Site Characterization and Remediation Work Plan
Breitburn Operating, LP
Cone Jalmat Yates Pool Unit #605
Unit Letter I, Section 24, Township 22 South, Range 35 East
Lea County, New Mexico
NMOCD Incident ID# nGRL0930836303**

Dear Sir or Madam,

Tetra Tech, Inc. (Tetra Tech) was contracted by Breitburn Operating, LP (Breitburn) to assist with the management of a historic release of oil associated with the Cone Jalmat Yates Pool Unit #605 well, Unit Letter I, Section 24, Township 22 South, Range 35 East, in Lea County, New Mexico, at coordinates 32.3754616°, -103.31577° (Site). The location is shown in **Figure 1**.

BACKGROUND

According to the New Mexico Oil Conservation District (NMOCD) online OCD Permitting nGRL0930836303 Incident Details, on October 2, 2009, Breitburn reported that a 3-inch poly flowline ruptured, resulting in the release of 50 barrels (bbls) of oil into a low lying area south of the well pad. According to the C-141 Initial Report, no fluids were recovered during the initial response. The release notification was submitted to NMOCD and subsequently assigned the release Incident Identification (ID) nGRL0930836303. The inferred release location from a historical aerial imagery review is at 32.371299°, -103.317552° as shown in **Figure 2** and discussed below.

SITE CHARACTERIZATION

Receptors

Tetra Tech performed a site characterization for the release location. It did not identify any watercourses, sinkholes, playas, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains within the distances specified in 19.15.29.11 New Mexico Administrative Code (NMAC). Based on a review of the NMOCD Mapper, the site is in an area of medium karst potential. The site characterization data is included in **Attachment 1**.

Depth to Groundwater

A search of the New Mexico Office of the State Engineer (NMOSE) and United States Geologic Survey (USGS) groundwater databases was completed to determine the proximity of known water sources within a half-mile radius of the Site. The approximate groundwater depth was determined in the area using published water well data. Groundwater well J-00040-POD1 was identified approximately 0.43 miles east of the release location with a depth to groundwater listed as 270 feet below ground surface (bgs).

Tetra Tech, Inc.

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Cone Jalmat Yates Pool Unit #605
Incident ID# nGRL0930836303

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Wetlands

Readily available data were reviewed to determine the status of the Site regarding wetland designation or potential wetlands existence. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Wetlands Interactive Mapper and the New Mexico OpenEnviroMap were queried to determine if any potential wetlands are mapped near the reclamation locations. Based on the NWI and OpenEnviroMap review, The Site is not identified as having a mapped wetland within 300 feet of the Site.

Biologically Sensitive Areas

Readily available data were reviewed to determine if the Site lies within biologically sensitive areas. The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the New Mexico Department of Game and Fish (NMDGF) Environmental Review Tool (ERT) were queried to determine if sensitive wildlife or plant areas are present at the Site. The Site is not identified within biologically sensitive areas where reclamation would impact sensitive wildlife or plant habitats.

Cultural Properties Protection

The remediation area at the Site is located in previously disturbed areas developed for oil and gas extraction; therefore, a cultural resource survey will not be required at the Site for planned reclamation activities as they are not planned to extend beyond the previously disturbed areas. If remediation or reclamation activities are required to expand into undisturbed areas, the requirements of the Cultural Properties Protection (CCP) Rule will be followed.

Soils

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), the Site is mapped as having Kermit Soils and Dune land, 0 to 12 percent slopes, which is classified as a sand soil type.

REGULATORY FRAMEWORK

Based upon the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Total Petroleum Hydrocarbons (TPH) in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the remediation RRALs for the Site for groundwater greater than 100 feet bgs are as follows:

Closure Criteria for Soils Impacted by a Release

Constituent	Remediation RRAL
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (DRO+ORO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Site Characterization and Remediation Work Plan
Cone Jalmat Yates Pool Unit #605
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February 6, 2025

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule* (19.15.29 NMAC), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Reclamation Requirements

Constituent	Remediation RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

HISTORICAL AERIAL IMAGERY REVIEW

Due to the release's age, available data on the release incident in the NMOCD Permitting Incident Details is limited. Tetra Tech performed a Google Earth historical aerial imagery review of the record's release location and the surrounding area in an attempt to identify the actual release location. The initial release report indicates the release occurred from a flowline in the pasture south of the well in a low-lying area.

The August 2009 aerial image shows a clear crude oil release approximately 1,500 feet south-southeast of the Cone Jalmat Yates Pool unit #605 well pad along an apparent flowline path running from the well pad. The apparent oil release covers an area of approximately 6,500 square feet. The subsequent August 2011 aerial image shows clear evidence of excavation and remedial activities at the site, including fresh soil and an apparent access track leading from the former Pre-Ongard Well #004 well pad east of the release. Subsequent images starting in March 2012 to present show the release area has revegetated.

REMEDIATION WORK PLAN

Site Assessment/Remediation Validation

Breitburn proposes to mobilize to the Site and conduct Site Assessment Sampling of the release footprint to validate the apparent remediation at the apparent release Site. Soil samples are proposed to be collected with one discrete sample location per 400 square feet across the apparent release. Three samples are proposed to be collected from each sample location at depths of 0-to-1-foot bgs, 2 to 3 feet bgs, and 3 to 4 feet bgs. Samples will be submitted for laboratory analysis of BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method SM4500 Cl-B.

Remediation Work Plan

Based on the analytical results from the assessment, Breitburn will excavate and dispose of impacted material within the release and surrounding area until confirmation samples demonstrate impacts above Reclamation Requirements have been remediated in the upper 4 feet and impacts greater than RRALs have been remediated at depths below 4 feet bgs.

Heavy equipment will come no more than two feet from any pressurized lines. Impacted soils near the surface and subsurface lines that intersect the release footprint will be excavated with hydro-vac excavation or dug by hand to the maximum extent practicable.

Excavated soils will be transported offsite and disposed of at an NMOCD-approved or permitted facility. Sampling notification will be submitted to the NMOCD in accordance with 19.15.29.12 NMAC. Once final analytical results

Site Characterization and Remediation Work Plan
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demonstrate clean margins, the excavation will be backfilled with clean material to surface grade sourced from a local supplier prior to preparing the seed bed and reseeding the area. Based on available information, no material appears to need to be remediated; however, Site Assessment and Remediation Validation sampling will guide the actual volumes required.

Alternative Confirmation Sampling Plan

In accordance with 19.15.29.12(D)(1)(b) NMAC, Breitburn requests an alternative confirmation sampling plan to adhere to NMOCD requirements that includes sidewall and base confirmation sampling representative of 400 square feet of any required excavation base or sidewall area. Breitburn proposes to submit samples to the Laboratory for analysis of BTEX by Method 8260B, TPH by Method 8015M, and chloride by Method 4500Cl-B. Once results demonstrate clean margins, the excavation will be backfilled with clean material to surface grade.

CONCLUSION

Based on historical reviews of available release incident data and historical aerial imagery, the release associated with Incident nGRL0930836303, which was reported in October 2009, is apparent in the August 2009 aerial photo correlating with the release narrative as a low-lying area in the pasture south of the well pad, as shown in **Figure 2**. The historical imagery shows an apparent remediation was conducted between August 2009 and August 2011 that includes apparent excavation and backfill along with the development of a track from a nearby well pad to the release location.

The Remediation Work Plan presents an assessment methodology to assess the effectiveness of the apparent previously conducted remediation and, based on the assessment results, conduct additional remediation to meet current standards. If you have any questions concerning the remediation activities for the Site, please contact Charles Terhune by email at Charles.Terhune@tetrattech.com or by phone at (832) 252-2093.

Sincerely,



Charles Terhune IV, P.G.
Program Manager
Tetra Tech, Inc.



Chris Straub
Project Manager
Tetra Tech, Inc.

cc: Mr. Bryce Wagoner, Breitburn Operating, LP
New Mexico State Land Office

Site Characterization and Remediation Work Plan
Cone Jalmat Yates Pool Unit #605
Incident ID# nGRL0930836303

Breitburn Operating, LP
February 6, 2025

LIST OF ATTACHMENTS

Figures

Figure 1 – Overview and Topographic Map

Figure 2 – Approximate Release Extent and Site Assessment Map

Attachments

Attachment 1 – Site Characterization Data

Site Characterization and Remediation Work Plan
Cone Jalmat Yates Pool Unit #605
Incident ID# nGRL0930836303

Breitburn Operating, LP
February 6, 2025

FIGURES

Figure 1

Release Location Map
Breitburn Operating, LP
Cone Jalmat Yates Pool unit #605
Flowline Release
Incident ID nGRL0930836303
Lea County, New Mexico

Legend

- ☆ Apparent Release Location
- Cone Jalmat Yates Pool Unit #605 (30-025-08654)

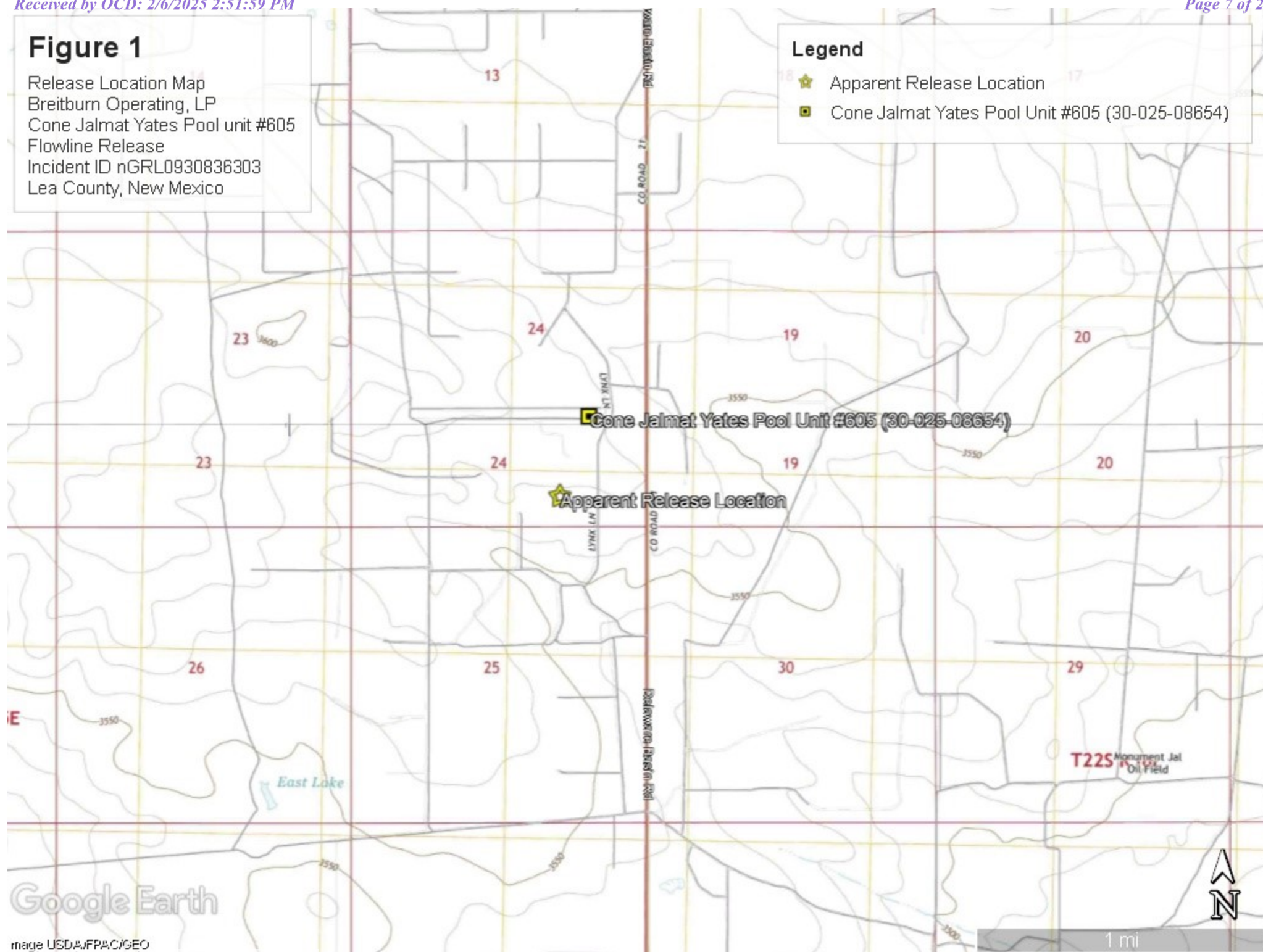
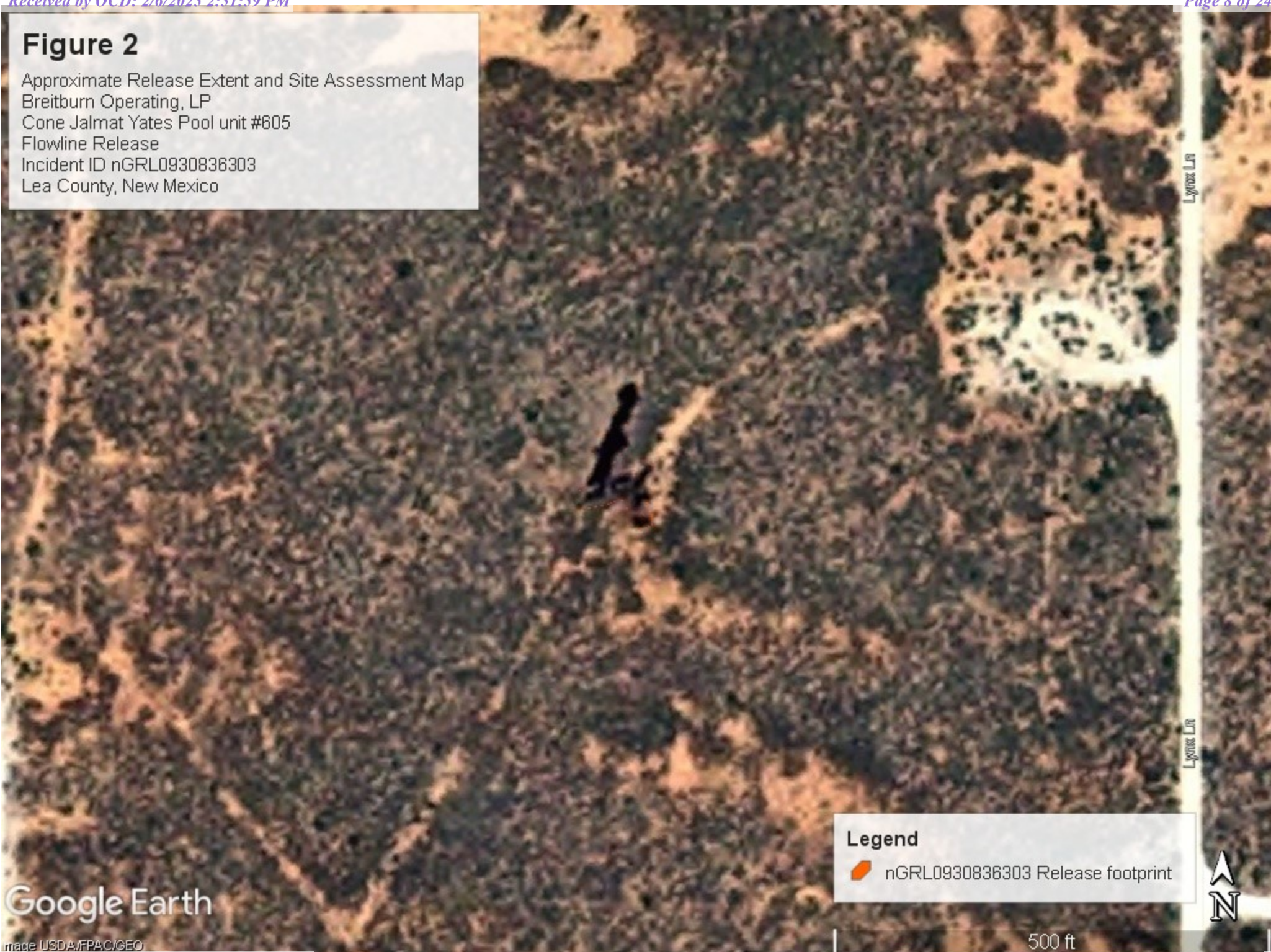



Figure 2

Approximate Release Extent and Site Assessment Map
Breitburn Operating, LP
Cone Jalmat Yates Pool unit #605
Flowline Release
Incident ID nGRL0930836303
Lea County, New Mexico



Legend

 nGRL0930836303 Release footprint

Google Earth

made USDA/FRAC/GEO

Released to Imaging: 2/7/2025 2:59:38 PM

500 ft



Site Characterization and Remediation Work Plan
Cone Jalmat Yates Pool Unit #605
Incident ID# nGRL0930836303

Breitburn Operating, LP
February 6, 2025

ATTACHMENT 1 – SITE CHARACTERIZATION DATA



Cone Jalmat YP Unit #605



December 6, 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.

Water Right Summary



[get image](#)
[list](#)

WR File Number:	J 00040	Subbasin:	J	Cross Reference:
Primary Purpose:	EXP EXPLORATION			
Primary Status:	PMT Permit			
Total Acres:		Subfile:		Header:
Total Diversion:	0.000	Cause/Case:		
Owner:	GLORIETA GEOSCIENCE INC	Owner Class:	Agent	
Contact:	ARIEL O'CALLAGHAN			
Owner:	CITY OF JAL	Owner Class:	Owner	
Contact:	STEPHEN ALDRIDGE			

Documents on File

(acre-fee)									
Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
_get images	652646	EXPL	2019-06-17	PMT	APR	J 00040 POD1	T	0.000	0.000

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
J 00040 POD1	NA		SE	NW	SW	18	26N	36E	658962.2	3583082.0		

* 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	J 00040 POD1	SE	NW	SW	18	26N	36E	658962.2	3583082.0	

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

Driller License:	1723	Driller Company:	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.						
Driller Name:	STEWART, RANDAL P.EE.NER								
Drill Start Date:	2019-07-14	Drill Finish Date:	2019-07-14				Plug Date:	2019-07-14	
Log File Date:	2020-01-02	PCW Rcv Date:					Source:		
Pump Type:		Pipe Discharge Size:					Estimated Yield:		
Casing Size:		Depth Well:					Depth Water:	270	

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.

Water Right Summary




[get image](#)
[list](#)

WR File Number: J 00040		Subbasin: J	Cross Reference:
Primary Purpose: EXP EXPLORATION			
Primary Status: PMT Permit			
Total Acres:		Subfile:	Header:
Total Diversion: 0.000		Cause/Case:	
Owner:	GLORIETA GEOSCIENCE INC	Owner Class:	Agent
Contact:	ARIEL O'CALLAGHAN		
Owner:	CITY OF JAL	Owner Class:	Owner
Contact:	STEPHEN ALDRIDGE		

Documents on File

(acre-fee)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
 _get images	652646	EXPL	2019-06-17	PMT	APR	J 00040 POD1	T	0.000	0.000

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
J 00040 POD1	NA		SE	NW	SW	18	26N	36E	658962.2	3583082.0		

* UTM location was derived from PLSS - see Help

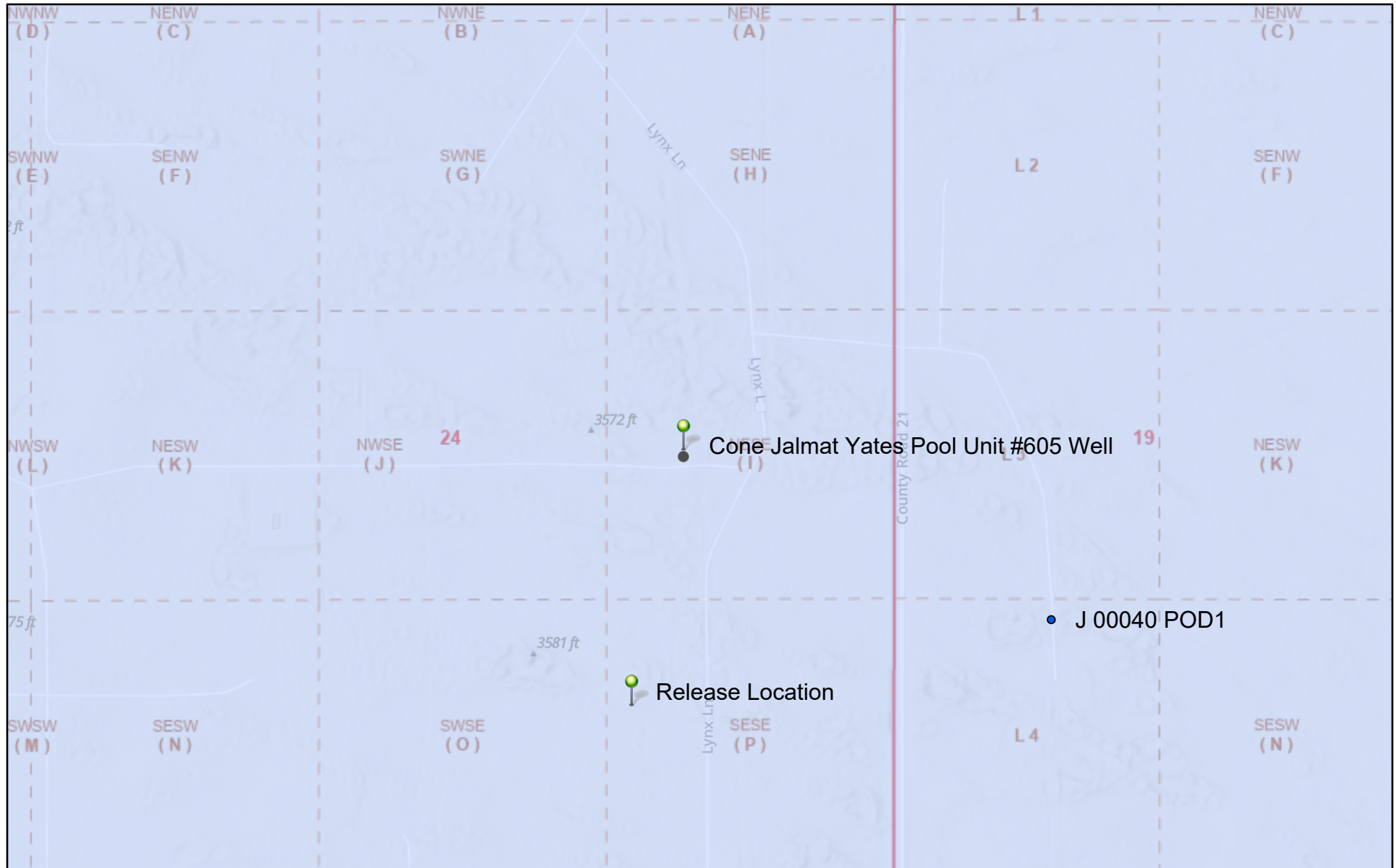
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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Water Rights Summary

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Cone Jalmat Yates Pool Unit #605



12/6/2024, 2:58:20 PM



Override 1



OSE Water PODs

Karst Occurrence Potential



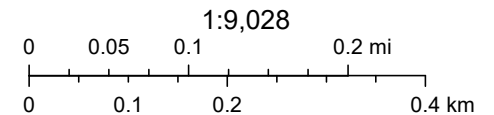
Low



PLSS Second Division



PLSS First Division



BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, USGS, OCD, Esri Community Maps Contributors, New Mexico State University,

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-ernrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

Soil Map—Lea County, New Mexico
(Cone Jalmat Yates Pool Unit #605)



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

12/6/2024
Page 1 of 3

Soil Map—Lea County, New Mexico
(Cone Jalmat Yates Pool Unit #605)


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit soils and Dune land, 0 to 12 percent slopes	4.5	100.0%
Totals for Area of Interest		4.5	100.0%

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 429250

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL0930836303
Incident Name	NGRL0930836303 CONE JALMAT YATES POOL UNIT #605 @ 30-025-08654
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-08654] CONE JALMAT YATES POOL UNIT #605

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Cone Jalmat Yates Pool Unit #605
Date Release Discovered	10/02/2009
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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	Cause: Corrosion Flow Line - Production Crude Oil Released: 50 BBL Recovered: 0 BBL Lost: 50 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Not answered.

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QUESTIONS, Page 2

Action 429250

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 02/06/2025
--	--

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

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Phone: (505) 629-6116

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QUESTIONS, Page 3

Action 429250

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 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	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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	
<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	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<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	03/30/2025
On what date will (or did) the final sampling or liner inspection occur	04/20/2025
On what date will (or was) the remediation complete(d)	05/20/2025
What is the estimated surface area (in square feet) that will be reclaimed	6500
What is the estimated volume (in cubic yards) that will be reclaimed	1000
What is the estimated surface area (in square feet) that will be remediated	6500
What is the estimated volume (in cubic yards) that will be remediated	1000
<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

QUESTIONS, Page 4

Action 429250

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 02/06/2025
<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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QUESTIONS, Page 5

Action 429250

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 429250

QUESTIONS (continued)

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	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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	No

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Santa Fe, NM 87505

CONDITIONS

Action 429250

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 429250
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation work plan approved.	2/7/2025
amaxwell	Submit a report via the OCD permitting portal by May 8, 2025.	2/7/2025