

Incident ID	nAPP2307949749	
District RP		
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: DALE WOODALL Title: ENV. PROFESSIONAL
Signature: Dale Woodall Date: 5/31/2023
email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Printed Name: DALE WOODALL Title: ENV. PROFESSIONAL
Signature: Dale Woodall Date: 5/31/2023
email: DALE.WOODALL@DVN.COM Telephone: 575-748-1838

OCD Only

Received by: Robert Hamlet Date: 10/25/2023

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Robert Hamlet Date: 10/25/2023



701 Tradewinds Blvd Suite C
Midland, Texas 79706
www.ntglobal.com

May 26, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2 811 S. First Street
Artesia, New Mexico 88210

Re: Proposal – Longview Federal 12 #013H
Unit D, Section 12, Township 23S, Range 28E
Site Coordinates 32.3249092, -104.0478363
Eddy County, New Mexico

Dear Mr. Bratcher:

NTG Environmental, LLC (NTG Environmental) is pleased to provide this proposal to conduct remedial action activities at the Longview Federal 12 #013H release location in Eddy County, New Mexico (Figures 1 and 2).

Scope of Work

- *Site Walkthrough verifying lines in the area prior to conducting remedial action activities.*
- *Hydrovac all lines in the area with associated pipeline representatives on location during daylight hours and excavation around the lines.*
- *Excavate impacted soils and transport to a permitted disposal facility.*

Remediation

NTG Environmental proposes to remediate the estimated 32 cubic yards (yd³) of impacted soils at the site identified during assessment activities. The proposed excavation areas and depths are shown on Figure 3.

Confirmation samples will be collected following the excavation activities to ensure the removal of all impacted soil above the regulatory limits for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, xylenes (BTEX), and chlorides. The number of confirmation samples is subject to change based on the final excavation extent. The regulatory limits are established in NMAC 19.15.29 Table 1 based on the Site Characterization information attached.

- TPH (GRO + DRO + MRO): 100 mg/kg
- BTEX: 50 mg/kg
- Benzene: 10 mg/kg
- Chlorides: 600 mg/kg

The Site is in a Low Karst area with no water features within specified distances of a ½ - mile radius. NMSEO Groundwater is 55' below surface, 0.3 miles East of the site, 2020 drilled, Section 12.

**Creating a Better Environment
For Oil & Gas Operations**

Mr. Mike Bratcher
May 26, 2022 Page
2 of 2

Sample Handling and Analysis

All samples will be collected and handled with nitrile gloves and placed directly into laboratory-provided sample containers, stored on ice, and transported under proper chain-of-custody protocol to an accredited laboratory for chemical analysis. Samples will be analyzed for one or more of the following constituents of concern (COC):

- Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX): method 8021B
- TPH (GRO + DRO + MRO): method 8015M
- Chloride: 4500

Upon receipt of requisite confirmation samples indicating all impacted soils have been successfully removed, a final closure report will be prepared documenting remedial action and confirmation sampling activities for filing with the NMOCD.

Closing

If you have any questions regarding this letter, please contact us at (432) 701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments: Table
Figures
Site Characterization Information

Table

Table 1
Summary of Soil Analytical Data - Delineation Samples
Longview Federal 12-13H
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg	
Vertical Delineation Samples														
S-1	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
S-1	4/6/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
S-2	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
S-2	4/6/2023	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
S-3	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
S-4	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20,700	20,700	5,480	26,180	32	
S-4	4/6/2023	(1-1.5')	<0.050	42	28	115	185	3,230	20,900	24,130	5,020	29,150	64	
S-4	4/18/2023	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,430	1,430	751	2,181	144	
S-4	4/18/2023	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
Horizontal Delineation Samples														
H-1	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
H-2	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-3	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-4	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-5	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
H-6	4/6/2023	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B

- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

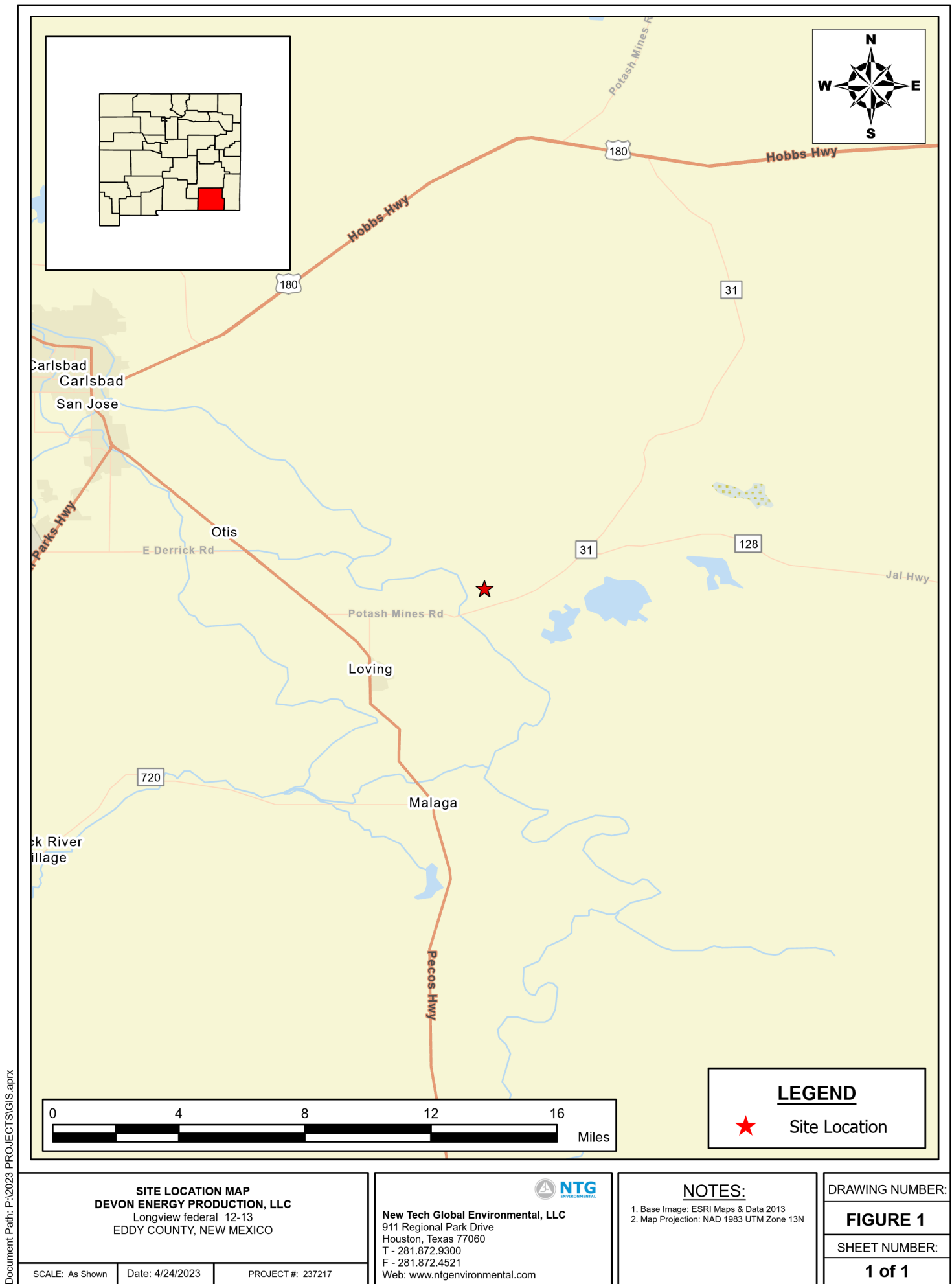
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

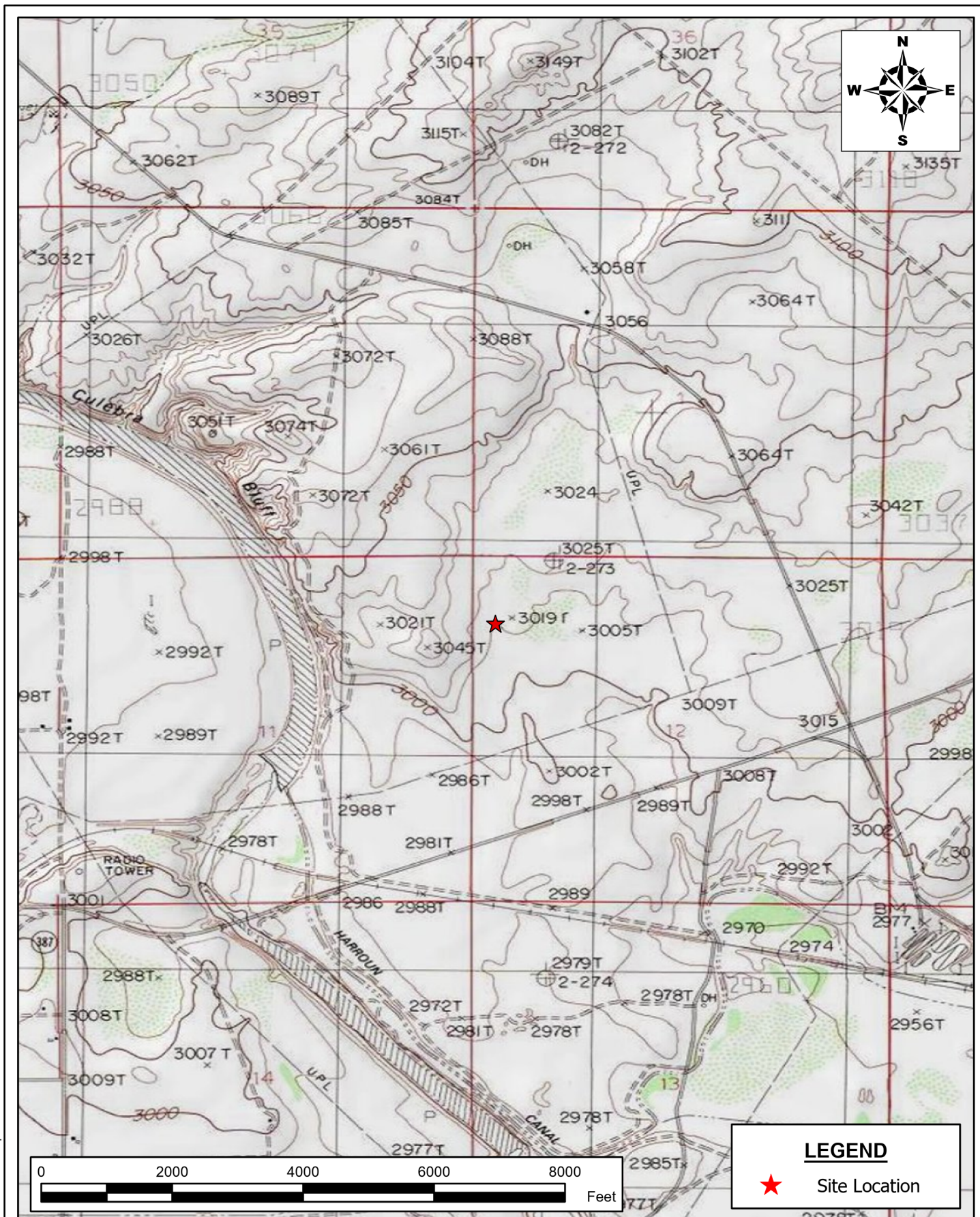
9. --- Not Analyzed

SP-1

Sample Point Excavated

Figures





TOPOGRAPHICMAP
DEVON ENERGY PRODUCTION, LLC
 Longview federal 12-13
 EDDY COUNTY, NEW MEXICO

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 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

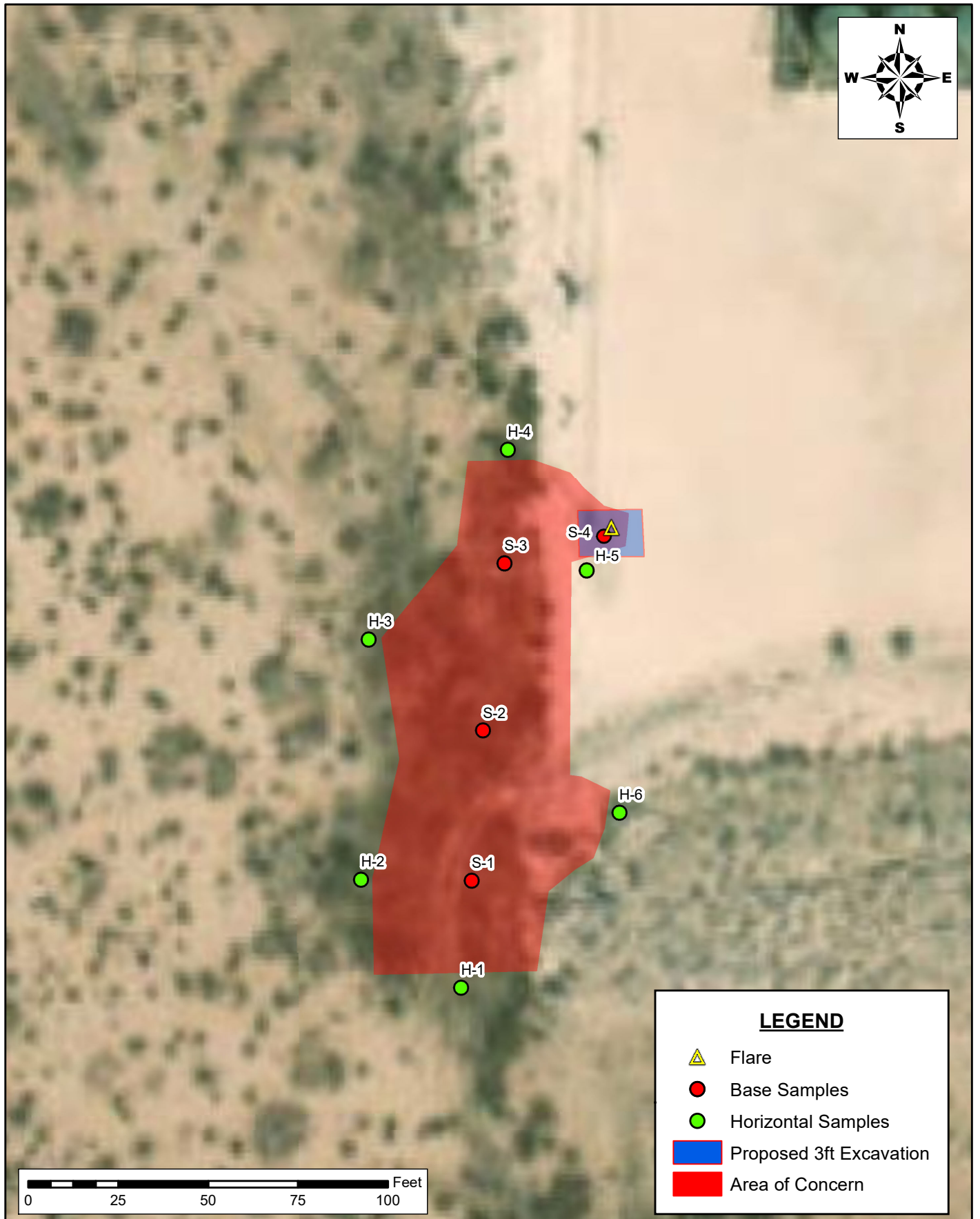
SHEET NUMBER:

1 of 1

SCALE: As Shown Date: 4/24/2023 PROJECT #: 237217

Document Path: P:\2023 PROJECTS\GIS.aprx

Document Path: P:\2023 PROJECT\SIDEVIEW\NRSC\237217 - Longview Federal 12-1317- Figures\GIS\Proposed Excavation 1.mxd



LEGEND

- Flare
- Base Samples
- Horizontal Samples
- Proposed 3ft Excavation
- Area of Concern

**PROPOSED EXCAVATION MAP
REMEDIAL ACTION REPORT**
LONGVIEW FEDERAL 12 #013H
DEVON ENERGY PRODUCTION CORPORATION
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/11/2023 PROJECT #: 237217



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:

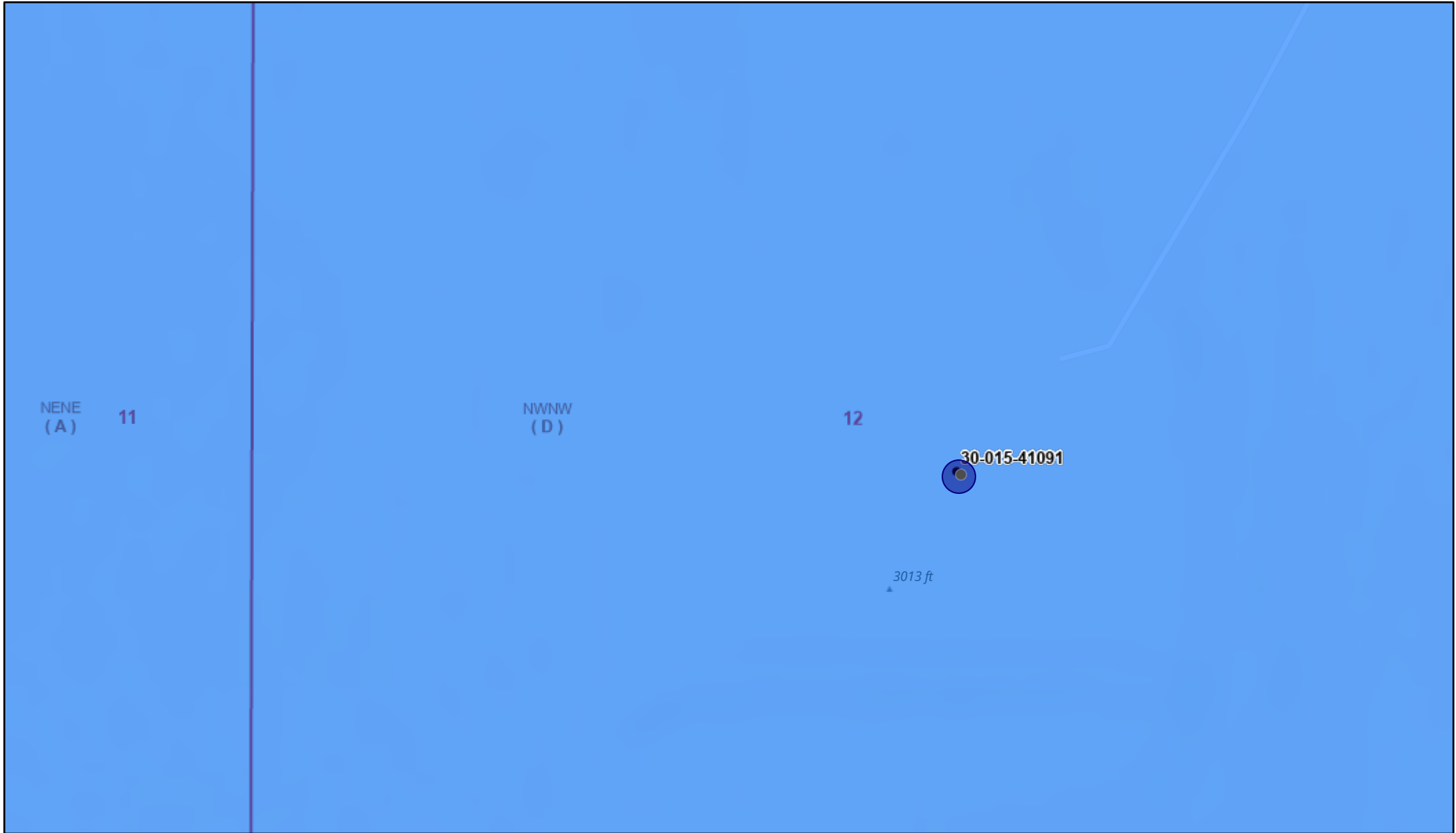
PROPOSED EXCAVATION

SHEET NUMBER:

1 of 1

Site Characterization Information

OCD Well Locations



5/11/2023, 11:54:39 AM



Override 1

Karst Occurrence Potential



PLSS First Division

Wells - Large Scale



Medium

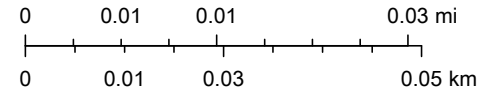


Oil Active



PLSS Second Division

1:1,128

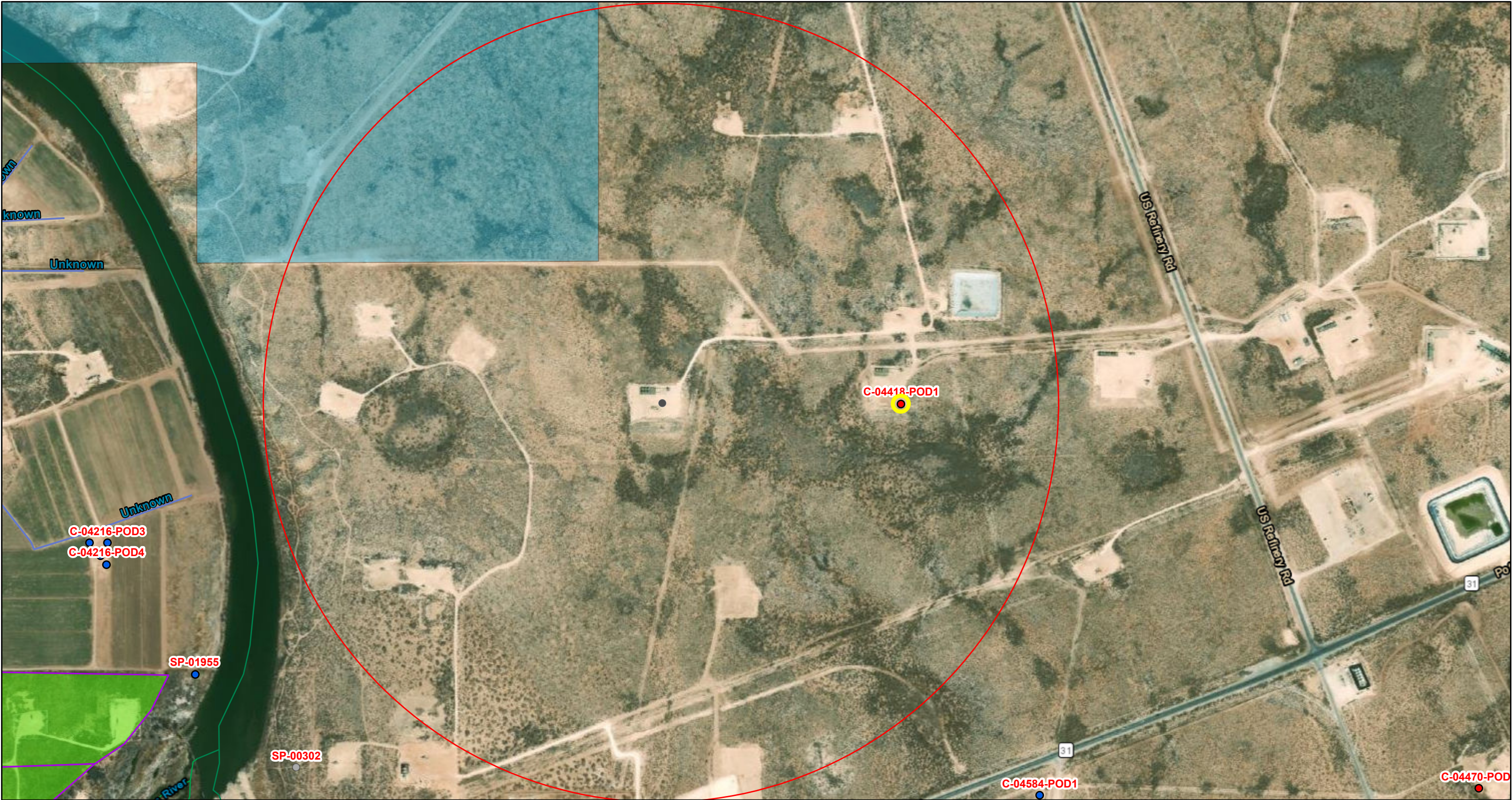


BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph,

New Mexico Oil Conservation Division

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

OSE POD Locations Map



5/11/2023, 12:38:03 PM

GIS WATERS PODs



OSE District Boundary

New Mexico State Trust Lands

NHD Flowlines



Active

Water Right Regulations



Both Estates



Artificial Path



Plugged



Negative Easement Area

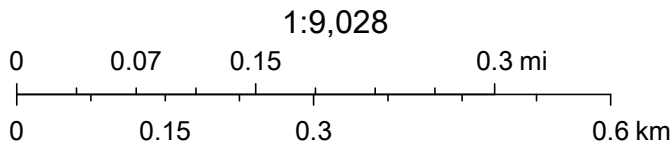


Ditch

Conveyances



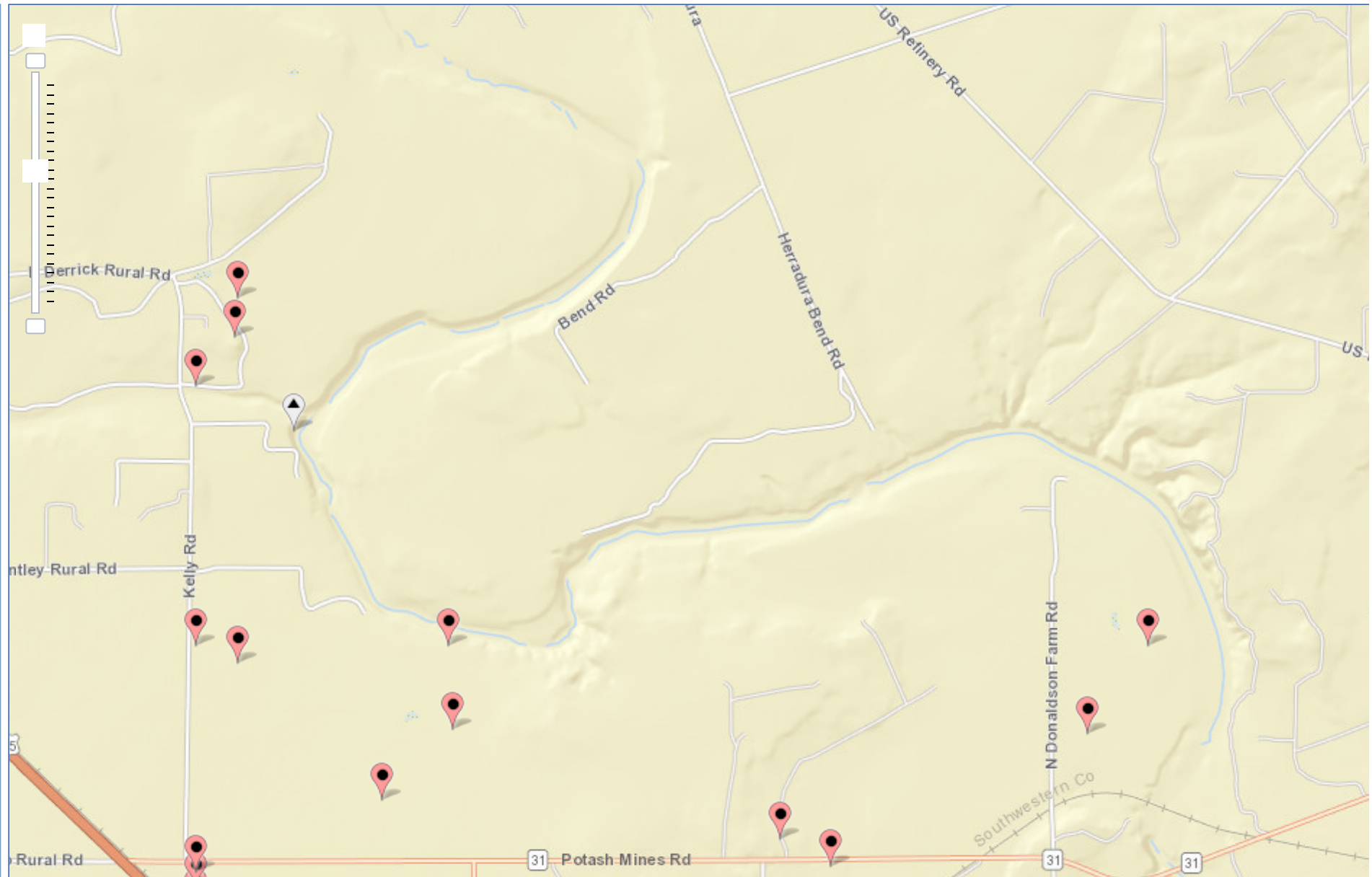
SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



National Water Information System: Mapper





New Mexico Office of the State Engineer

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 Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04418 POD1	4	2	1	12	23S	28E	590104	3576851

x

Driller License: 1789 **Driller Company:** HRL COMPLIANCE SOLUTIONS, INC

Driller Name: MARK MUMBY

Drill Start Date: 03/31/2020 **Drill Finish Date:** 03/31/2020 **Plug Date:** 04/03/2020

Log File Date: 05/26/2020 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 0 GPM

Casing Size: 2.00 **Depth Well:** 55 feet **Depth Water:**

x

Casing Perforations:	Top	Bottom
	0	45
	45	55

x

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.

5/11/23 11:02 AM

POINT OF DIVERSION SUMMARY

Longview 12-13

Karst

Legend

- 0.5 Mile Radius
- 300 Foot Radius
- High
- Longview Fed 12 #13
- Low
- Medium
- NMOSE 04418 POD1 No water 55FT

Longview Fed 12 #13 NMOSE 04418 POD1 No water 55FT

Potash Mines Rd

741

605

Google Earth

4000 ft

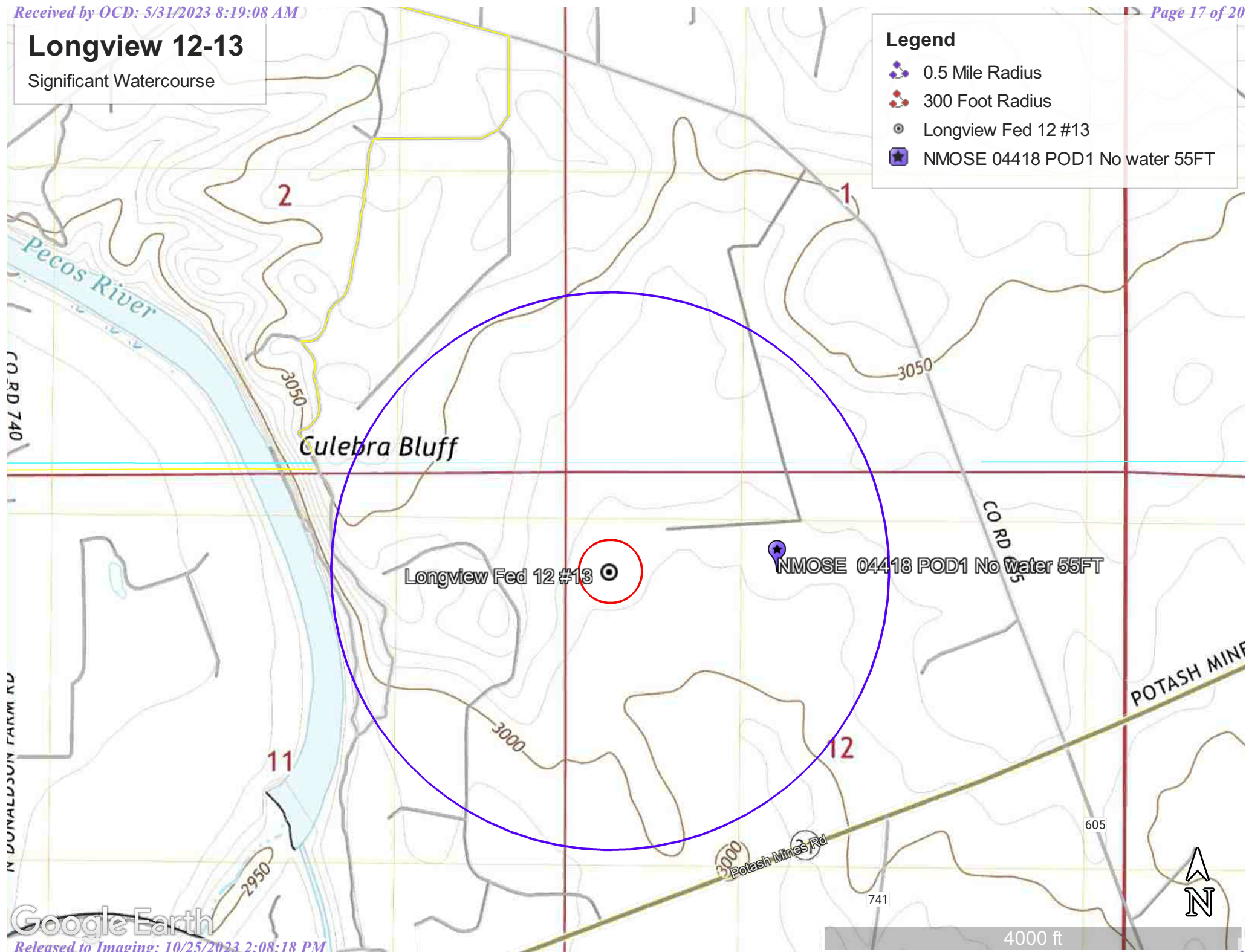


Longview 12-13

Significant Watercourse

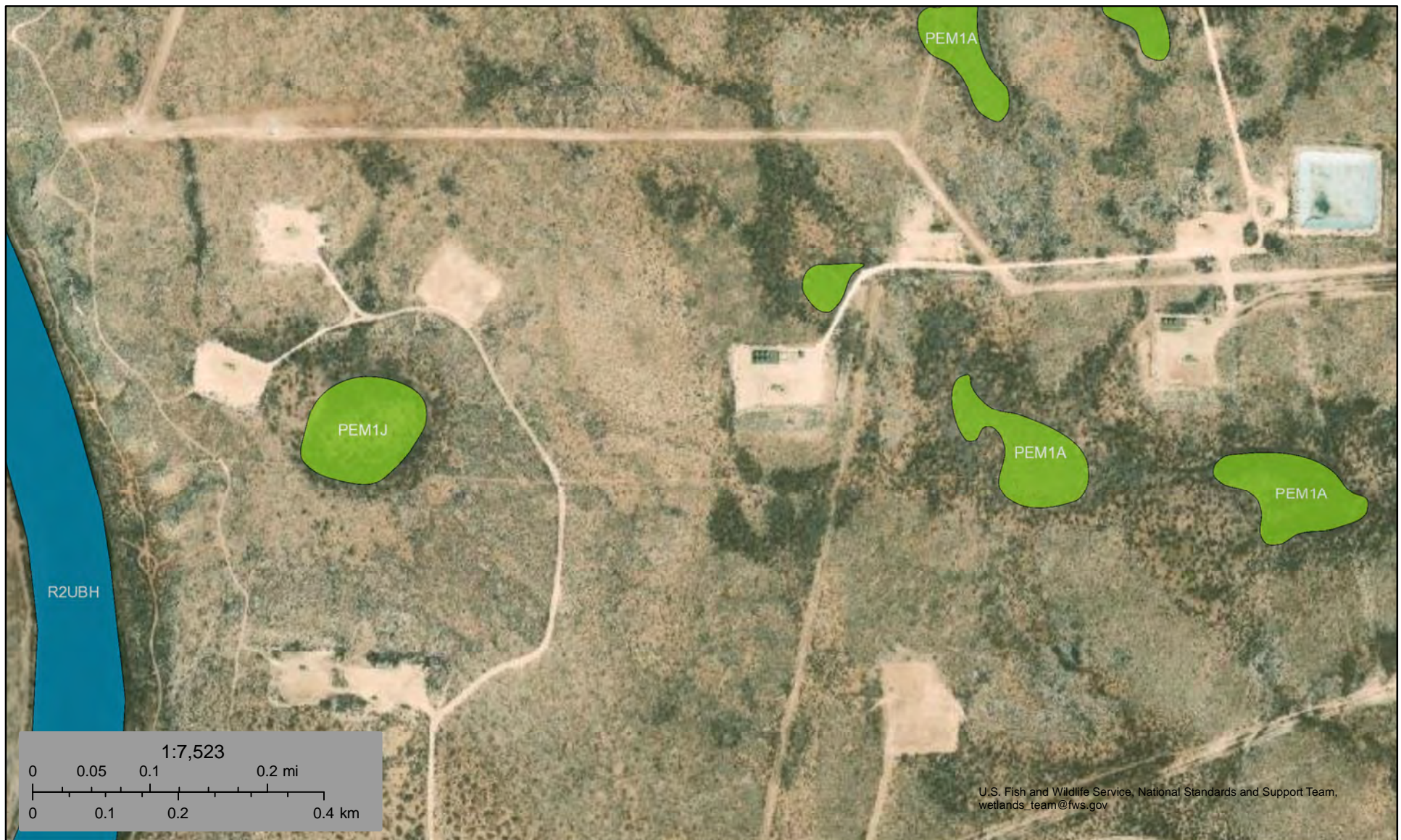
Legend

- 0.5 Mile Radius
- 300 Foot Radius
- Longview Fed 12 #13
- NMOSE 04418 POD1 No water 55FT





Longview 12-13



May 11, 2023

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.

National Flood Hazard Layer FIRMMette



104°3'11"W 32°19'45"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
		Area of Minimal Flood Hazard Zone X
OTHER AREAS		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
	Profile Baseline	
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/11/2023 at 1:28 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

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 222131

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 222131
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The release occurred within 300 feet of a wetland, so confirmation samples will need to meet the strictest closure criteria. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Please collect confirmation samples, representing no more than 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the report has been reviewed.	10/25/2023