



February 24, 2026

New Mexico Oil Conservation Division

506 W. Texas Ave
Artesia, NM 88210

RE: **Exotic Cat 5 CTB 2 - Closure Request Report Addendum**

Incident Number: nAPP2511832325

GPS: 32.336125°, -103.698938°

Lea County, New Mexico

ESRR Project No. VP- 354

To Whom It May Concern:

Earth Systems Response & Restoration (ESRR), on behalf of Devon Energy (Devon), presents the following Closure Request Report Addendum (CRR) to document No Further Action (NFA) is warranted for the inadvertent release of produced water at the Exotic Cat 5 CTB 2 (Site). Based on the recent soil sampling event and previously completed remedial actions documented in the previously submitted Closure Request Report (CRR), Devon is requesting NFA at the Site.

This CRR presents additional data following the rejection of the previously submitted CRR for Incident Number nAPP2511832325. The CRR, submitted on October 23, 2025, was rejected by the New Mexico Oil Conservation Division (NMOCD) on November 21, 2025, for the following reason:

- *"The Remediation Closure Report is Denied. Horizontal delineation samples need to be taken on all 4 sides of the release area including up against the secondary containment to ensure contaminants did not go underneath the containment."*

On December 2, 2025, ESRR conducted additional soil sampling activities to address the NMOCD's reason for rejection. Four delineation boreholes (HA-4 through HA-7) were advanced to 1-foot below grade surface (bgs) via hand auger, surrounding the Area of Concern (AOC). Delineation soil samples were collected up against the newly constructed portion of the containment, where feasible. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips. A minimum of two soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and the greatest depth. The delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, placed on ice, and transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of total petroleum hydrocarbons, chloride, benzene, and BTEX.

Laboratory analytical results for the delineation soil samples (HA-4 through HA-7) were compliant with the Site Closure Criteria and the reclamation standard. Laboratory analytical results are summarized in **Table 1**, included in the attachments. The locations of the delineation soil samples are represented in **Figure 2. Photographic Documentation** of activities is attached.

Based on the recent laboratory analytical results in addition to the laboratory analytical results documented in the previously submitted CRR, Devon believes the completed actions meet the

Exotic Cat 5 CTB 2 - Closure Request Report Addendum
Incident Number: nAPP2511832325
32.336125°, -103.698938°



requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. As such, NFA appears warranted at this time, and Devon respectfully requests Closure of this CRRRA associated with Incident Number nAPP2521144311.

If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **Documentation and correspondence notifications, executed chain-of-custody forms and laboratory analytical reports**, and the **archived report** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink that reads "Gilbert Moreno".

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink that reads "Kris Williams".

Kris Williams, CHMM, REM
Principal

cc: Jim Raley, Devon Energy Permian
Bureau of Land Management

Attachments:

- Figure 1 - Site Map
- Figure 1A - Groundwater
- Figure 1B - Karst Potential
- Figure 2 - Delineation Soil Sample Locations
- Referenced Well Record
- Photographic Documentation
- Table 1 - Soil Sample Analytical Results
- NMOCD Email Documentation & Correspondence
- Executed Chain-of-Custody Forms and Laboratory Analytical Reports
- Archived Report

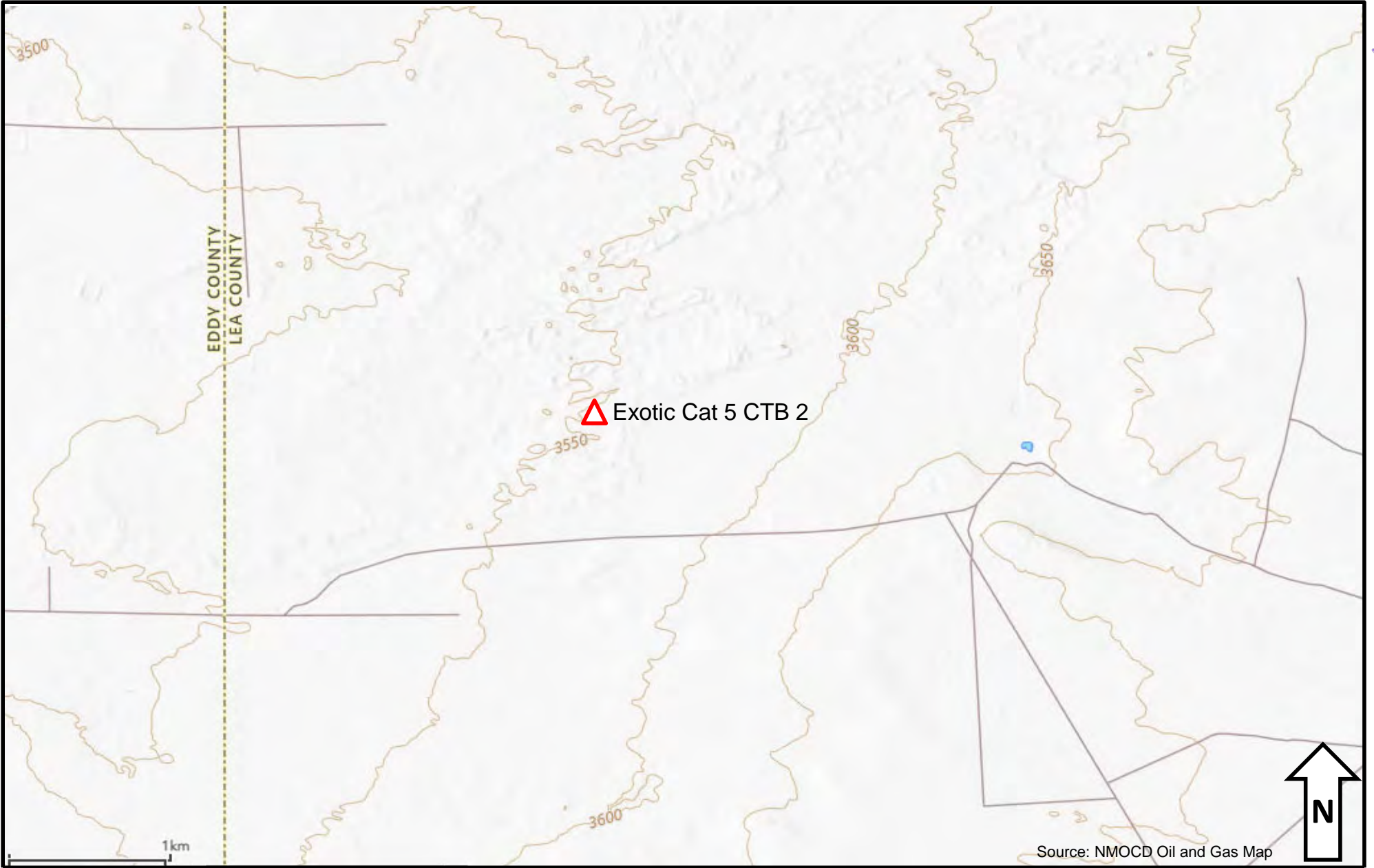
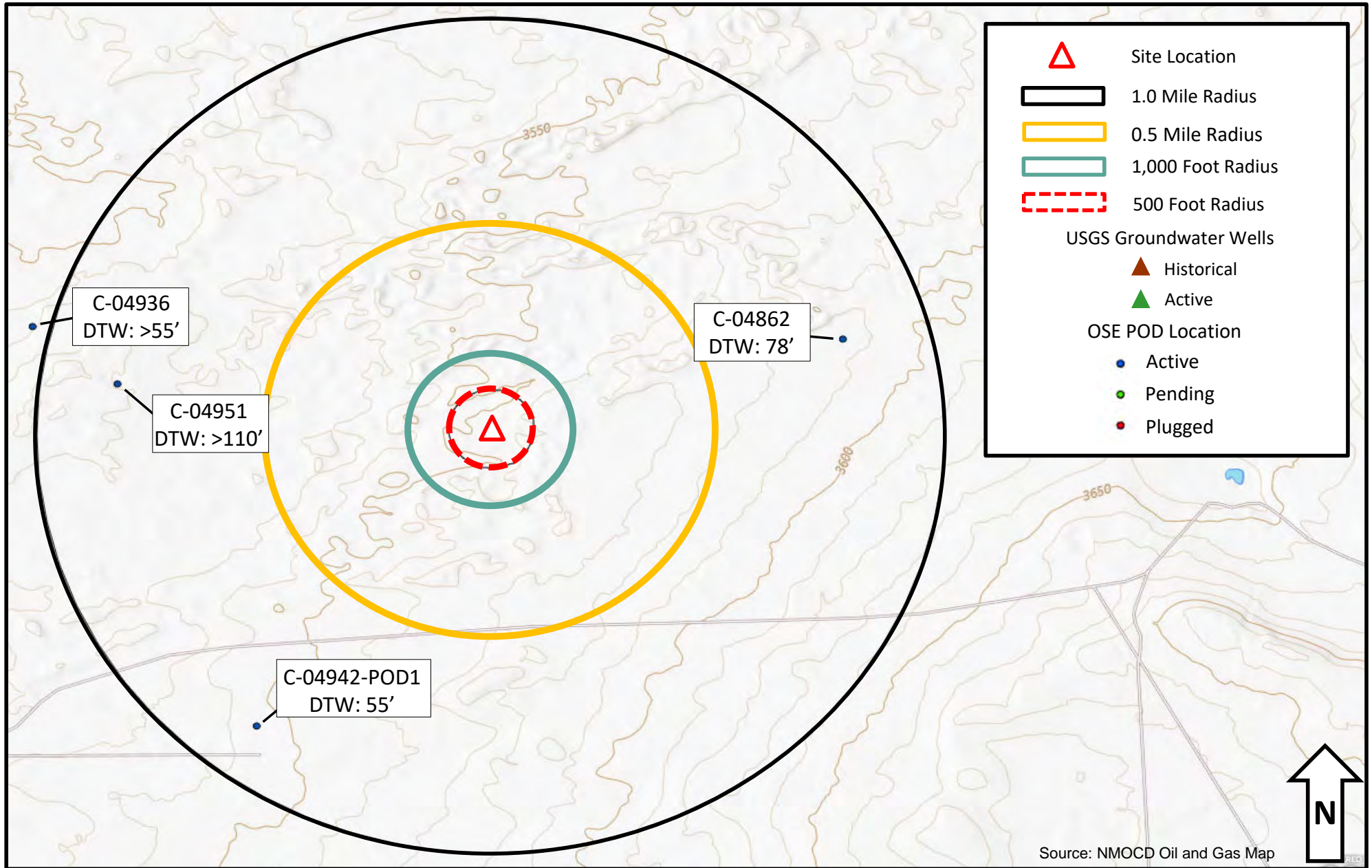


Figure 1 – Site Map

Devon Energy – Exotic Cat 5 CTB 2
 GPS: 32.336125°, -103.698938°
 Lea County, New Mexico





Source: NMOCD Oil and Gas Map



Figure 1A – Groundwater

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico



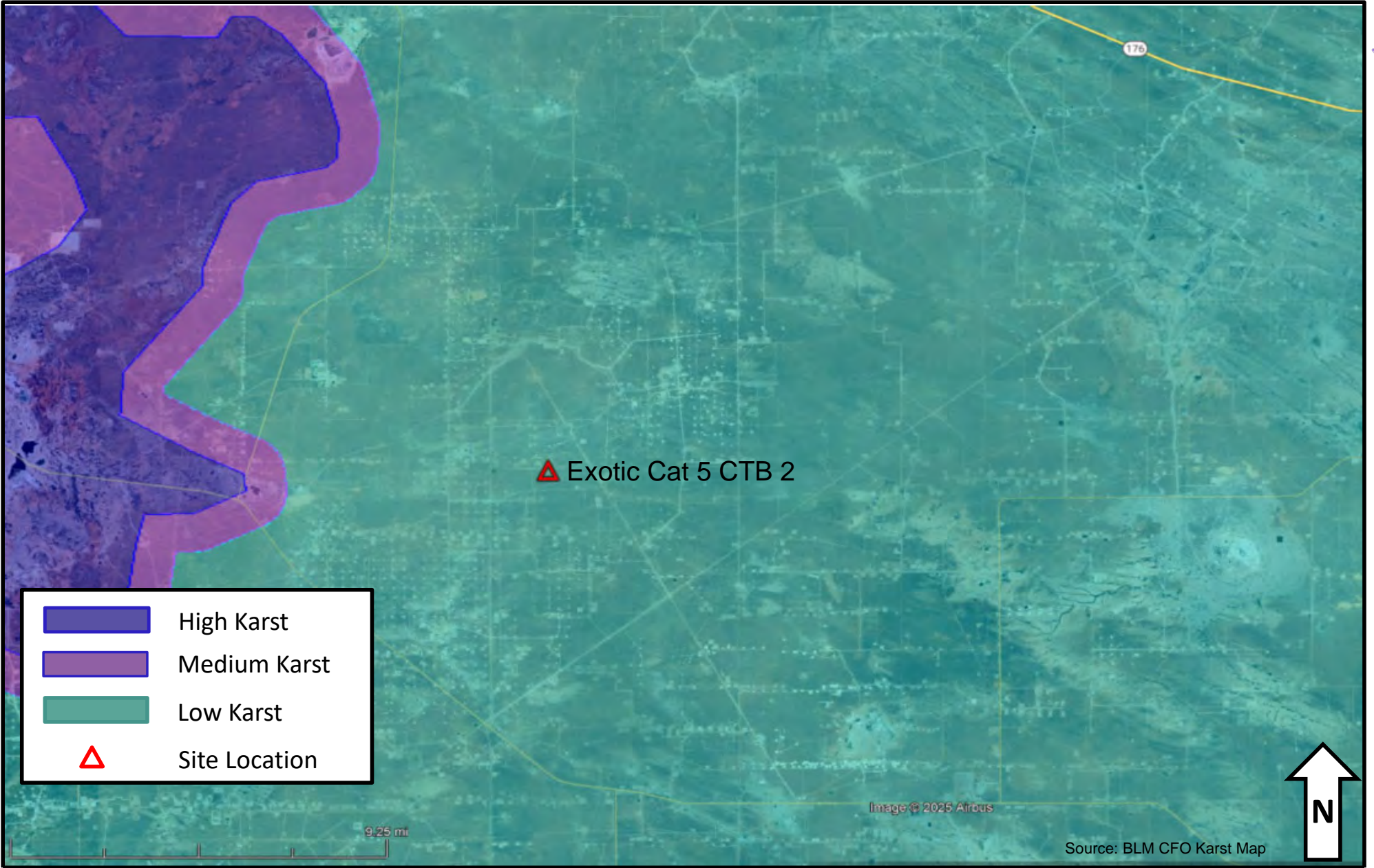


Figure 1B – Karst Potential

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico



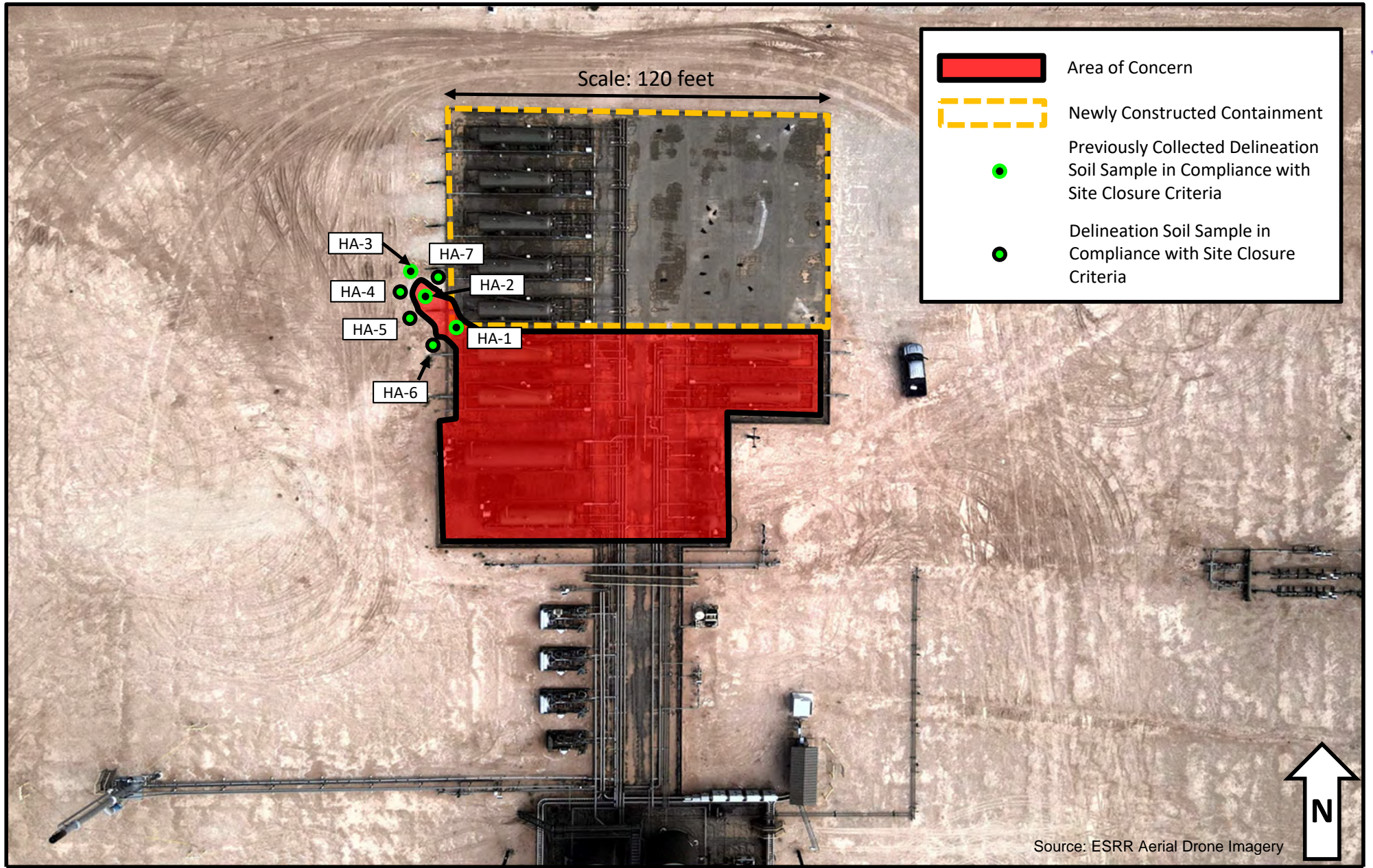


Figure 2 – Delineation Soil Sample Locations

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

I. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S) C-4862			
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6001 Deauville Blvd. Ste. 300N				CITY Midland	STATE ZIP TX 79706		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 21.28	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	41	8.18	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NWNW S-4 T-23S R-32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8/14/24	DRILLING ENDED 8/14/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) 78			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 78	DATE STATIC MEASURED 8/20/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				No casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

OSE DII ROSWELL NM
AUG 30 2024 PM 2:15

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-04862	POD NO.	1	TRN NO.	764584
LOCATION	23S. 32E. 04. 211	WELL TAG ID NO.		PAGE 1 OF 2	

Exotic Cat 5 CTB 2 - Closure Request Report Addendum
Incident Number: nAPP2511832325
32.336125°, -103.698938°



PHOTO 1: Northern view during additional delineation activities. 12/02/2025



PHOTO 2: Northern view during additional delineation activities. 12/02/2025

Exotic Cat 5 CTB 2 - Closure Request Report Addendum
Incident Number: nAPP2511832325
32.336125°, -103.698938°



PHOTO 3: Northern view during additional delineation activities. 12/02/2025



PHOTO 4: Northern view during additional delineation activities. 12/02/2025

Exotic Cat 5 CTB 2 - Closure Request Report Addendum
Incident Number: nAPP2511832325
32.336125°, -103.698938°

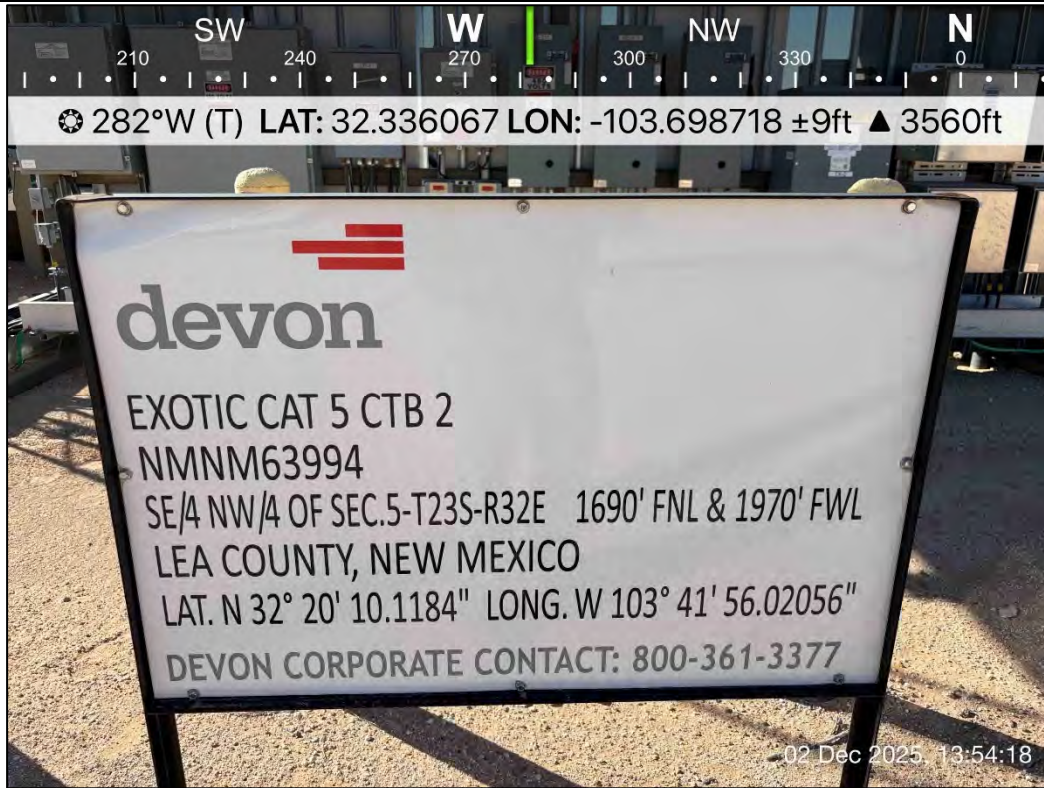


PHOTO 5: Northwestern view of location sign. 12/02/2025



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Exotic Cat 5 CTB 2
Lea County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2511832325									
HA - 1	05/30/25	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	122
HA - 1	05/30/25	1	<0.00201	<0.00402	<49.6	<49.6	<49.6	<49.6	67.5
HA - 2	05/30/25	0.5	<0.00202	<0.00404	<50.3	<50.3	<50.3	<50.3	130
HA - 2	05/30/25	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	72.2
HA - 3	05/30/25	0.5	<0.00198	<0.00397	<49.7	<49.7	<49.7	<49.7	158
HA - 3	05/30/25	1	<0.00198	<0.00396	<50.4	<50.4	<50.4	<50.4	56.7
HA - 4	12/02/25	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	59.0
HA - 4	12/02/25	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	53.8
HA - 5	12/02/25	0.5	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	31.3
HA - 5	12/02/25	1	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	31.0
HA - 6	12/02/25	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	23.4
HA - 6	12/02/25	1	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	23.8
HA - 7	12/02/25	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	131
HA - 7	12/02/25	1	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	192
Confirmation Soil Samples - nAPP2511832325									
CS - 1	05/30/25	0.25	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	314
SW - 1	05/30/25	0-0.25	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	345

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard^d for Soils Impacted by a Release

^dThe reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to

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 529500

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529500
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511832325
Incident Name	NAPP2511832325 EXOTIC CAT 5 CTB 2 @ FAPP2308735100
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2308735100] EXOTIC CAT 5 CTB 2

Location of Release Source	
Site Name	EXOTIC CAT 5 CTB 2
Date Release Discovered	04/27/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/02/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	32.336125,-103.698938

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

CONDITIONS

Action 529500

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 529500
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/24/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	11/24/2025



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
 Earth Systems Response and Restoration
 4115 South County Road 1297
 Odessa, Texas 79765

Generated 12/9/2025 2:18:28 PM

JOB DESCRIPTION

Exotic cat 5 CTB 2
 Lea County, NM

JOB NUMBER

890-9159-1



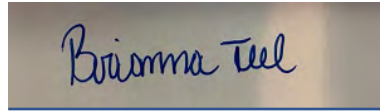
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/9/2025 2:18:28 PM

Authorized for release by
Brianna Teel, Project Manager
Brianna.Teel@et.eurofinsus.com
(432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client: Earth Systems Response and Restoration
Project/Site: Exotic cat 5 CTB 2

Laboratory Job ID: 890-9159-1
SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	13
QC Sample Results	14
QC Association Summary	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Earth Systems Response and Restoration
Project: Exotic cat 5 CTB 2

Job ID: 890-9159-1

Job ID: 890-9159-1

Eurofins Carlsbad

Job Narrative 890-9159-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/3/2025 8:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA-4 (890-9159-1), HA-4 (890-9159-2), HA-5 (890-9159-3), HA-5 (890-9159-4), HA-6 (890-9159-5), HA-6 (890-9159-6), HA-7 (890-9159-7) and HA-7 (890-9159-8).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9159-A-4-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: HA-6 (890-9159-5) and HA-6 (890-9159-6). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-125738 recovered outside control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-125738/31).

Method 8015MOD_NM: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-125597 and analytical batch 880-125738 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-4

Lab Sample ID: 890-9159-1

Date Collected: 12/02/25 10:00

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 16:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 16:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 16:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 16:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	12/08/25 08:55	12/08/25 16:55	1
1,4-Difluorobenzene (Surr)	80		70 - 130	12/08/25 08:55	12/08/25 16:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/08/25 16:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/25 02:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		12/03/25 16:39	12/06/25 02:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/06/25 02:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/06/25 02:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	12/03/25 16:39	12/06/25 02:56	1
o-Terphenyl	93		70 - 130	12/03/25 16:39	12/06/25 02:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.0		10.0		mg/Kg			12/05/25 15:43	1

Client Sample ID: HA-4

Lab Sample ID: 890-9159-2

Date Collected: 12/02/25 10:05

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 17:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 17:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 17:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 17:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 17:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	12/08/25 08:55	12/08/25 17:15	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-4

Lab Sample ID: 890-9159-2

Date Collected: 12/02/25 10:05

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	74		70 - 130	12/08/25 08:55	12/08/25 17:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/08/25 17:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/06/25 03:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	49.8		mg/Kg		12/03/25 16:39	12/06/25 03:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/03/25 16:39	12/06/25 03:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/03/25 16:39	12/06/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	12/03/25 16:39	12/06/25 03:16	1
o-Terphenyl	104		70 - 130	12/03/25 16:39	12/06/25 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.8		10.1		mg/Kg			12/05/25 16:00	1

Client Sample ID: HA-5

Lab Sample ID: 890-9159-3

Date Collected: 12/02/25 10:10

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 17:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 17:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 17:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 17:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 17:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/08/25 08:55	12/08/25 17:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/08/25 08:55	12/08/25 17:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/08/25 17:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/06/25 03:34	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-5

Lab Sample ID: 890-9159-3

Date Collected: 12/02/25 10:10

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		12/03/25 16:39	12/06/25 03:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/06/25 03:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/06/25 03:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				12/03/25 16:39	12/06/25 03:34	1
o-Terphenyl	110		70 - 130				12/03/25 16:39	12/06/25 03:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		9.94		mg/Kg			12/05/25 16:06	1

Client Sample ID: HA-5

Lab Sample ID: 890-9159-4

Date Collected: 12/02/25 10:15

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/08/25 08:55	12/08/25 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				12/08/25 08:55	12/08/25 17:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/08/25 08:55	12/08/25 17:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/08/25 17:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/05/25 20:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 20:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				12/04/25 09:26	12/05/25 20:18	1
o-Terphenyl	92		70 - 130				12/04/25 09:26	12/05/25 20:18	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-5

Lab Sample ID: 890-9159-4

Date Collected: 12/02/25 10:15

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.0		9.92		mg/Kg			12/05/25 16:11	1

Client Sample ID: HA-6

Lab Sample ID: 890-9159-5

Date Collected: 12/02/25 10:20

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 18:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 18:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 18:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/08/25 08:55	12/08/25 18:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/08/25 08:55	12/08/25 18:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/08/25 08:55	12/08/25 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/08/25 08:55	12/08/25 18:17	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/08/25 08:55	12/08/25 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/08/25 18:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/05/25 21:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	12/04/25 09:26	12/05/25 21:04	1
o-Terphenyl	80		70 - 130	12/04/25 09:26	12/05/25 21:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		9.96		mg/Kg			12/05/25 16:17	1

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-6

Lab Sample ID: 890-9159-6

Date Collected: 12/02/25 10:25

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 18:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 18:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 18:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 18:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/08/25 08:55	12/08/25 18:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/08/25 08:55	12/08/25 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/08/25 08:55	12/08/25 18:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130	12/08/25 08:55	12/08/25 18:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/08/25 18:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/05/25 21:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/04/25 09:26	12/05/25 21:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/04/25 09:26	12/05/25 21:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/04/25 09:26	12/05/25 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	12/04/25 09:26	12/05/25 21:19	1
o-Terphenyl	81		70 - 130	12/04/25 09:26	12/05/25 21:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		9.98		mg/Kg			12/05/25 16:22	1

Client Sample ID: HA-7

Lab Sample ID: 890-9159-7

Date Collected: 12/02/25 10:30

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 18:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 18:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 18:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/08/25 08:55	12/08/25 18:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 18:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/08/25 08:55	12/08/25 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/08/25 08:55	12/08/25 18:58	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-7

Lab Sample ID: 890-9159-7

Date Collected: 12/02/25 10:30

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	12/08/25 08:55	12/08/25 18:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/08/25 18:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/05/25 21:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	12/04/25 09:26	12/05/25 21:34	1
o-Terphenyl	88		70 - 130	12/04/25 09:26	12/05/25 21:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		10.0		mg/Kg			12/05/25 16:28	1

Client Sample ID: HA-7

Lab Sample ID: 890-9159-8

Date Collected: 12/02/25 10:35

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/08/25 08:55	12/08/25 19:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/08/25 08:55	12/08/25 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/08/25 08:55	12/08/25 19:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/08/25 08:55	12/08/25 19:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/08/25 08:55	12/08/25 19:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/08/25 08:55	12/08/25 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	12/08/25 08:55	12/08/25 19:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/08/25 08:55	12/08/25 19:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/08/25 19:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/05/25 21:49	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-7

Lab Sample ID: 890-9159-8

Date Collected: 12/02/25 10:35

Matrix: Solid

Date Received: 12/03/25 08:52

Sample Depth: 1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/04/25 09:26	12/05/25 21:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/04/25 09:26	12/05/25 21:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/04/25 09:26	12/05/25 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	12/04/25 09:26	12/05/25 21:49	1
o-Terphenyl	80		70 - 130	12/04/25 09:26	12/05/25 21:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		10.1		mg/Kg			12/05/25 16:34	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-9159-1	HA-4	77	80
890-9159-2	HA-4	76	74
890-9159-3	HA-5	106	94
890-9159-4	HA-5	107	94
890-9159-5	HA-6	103	97
890-9159-6	HA-6	111	107
890-9159-7	HA-7	106	92
890-9159-8	HA-7	108	99
LCS 880-125868/1-A	Lab Control Sample	105	107
LCSD 880-125868/2-A	Lab Control Sample Dup	96	101
MB 880-125868/5-B	Method Blank	103	88

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9159-1	HA-4	87	93
890-9159-2	HA-4	92	104
890-9159-3	HA-5	100	110
890-9159-4	HA-5	78	92
890-9159-4 MS	HA-5	67 S1-	84
890-9159-4 MSD	HA-5	82	83
890-9159-5	HA-6	68 S1-	80
890-9159-6	HA-6	69 S1-	81
890-9159-7	HA-7	74	88
890-9159-8	HA-7	70	80
LCS 880-125597/2-A	Lab Control Sample	126	122
LCS 880-125634/2-A	Lab Control Sample	80	93
LCSD 880-125597/3-A	Lab Control Sample Dup	109	95
LCSD 880-125634/3-A	Lab Control Sample Dup	80	93
MB 880-125597/1-A	Method Blank	97	100
MB 880-125634/1-A	Method Blank	80	86

Surrogate Legend
1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-125868/5-B
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125868

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/08/25 08:55	12/08/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/08/25 08:55	12/08/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/08/25 08:55	12/08/25 11:15	1
1,4-Difluorobenzene (Surr)	88		70 - 130	12/08/25 08:55	12/08/25 11:15	1

Lab Sample ID: LCS 880-125868/1-A
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125868

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1203		mg/Kg		120	70 - 130
Toluene	0.100	0.1104		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1166		mg/Kg		117	70 - 130
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1053		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-125868/2-A
Matrix: Solid
Analysis Batch: 125855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125868

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1114		mg/Kg		111	70 - 130	8	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	8	35
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	6	35
o-Xylene	0.100	0.09733		mg/Kg		97	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-125597/1-A
Matrix: Solid
Analysis Batch: 125738

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125597

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/05/25 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/05/25 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/03/25 16:39	12/05/25 19:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	97		70 - 130	12/03/25 16:39	12/05/25 19:31	1
o-Terphenyl	100		70 - 130	12/03/25 16:39	12/05/25 19:31	1

Lab Sample ID: LCS 880-125597/2-A
Matrix: Solid
Analysis Batch: 125738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125597

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	929.6		mg/Kg		93	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	126		70 - 130
o-Terphenyl	122		70 - 130

Lab Sample ID: LCSD 880-125597/3-A
Matrix: Solid
Analysis Batch: 125738

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125597

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	672.6	*-	mg/Kg		67	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	1041		mg/Kg		104	70 - 130	11	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	109		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: MB 880-125634/1-A
Matrix: Solid
Analysis Batch: 125726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125634

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/04/25 09:26	12/05/25 19:33	1

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-125634/1-A
Matrix: Solid
Analysis Batch: 125726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125634

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	80		70 - 130	12/04/25 09:26	12/05/25 19:33	1
o-Terphenyl	86		70 - 130	12/04/25 09:26	12/05/25 19:33	1

Lab Sample ID: LCS 880-125634/2-A
Matrix: Solid
Analysis Batch: 125726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125634

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	836.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	871.8		mg/Kg		87	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	80		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-125634/3-A
Matrix: Solid
Analysis Batch: 125726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125634

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	882.5		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	877.3		mg/Kg		88	70 - 130	1	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	80		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 890-9159-4 MS
Matrix: Solid
Analysis Batch: 125726

Client Sample ID: HA-5
Prep Type: Total/NA
Prep Batch: 125634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	817.9		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	824.4		mg/Kg		82	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	67	S1-	70 - 130
o-Terphenyl	84		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-9159-4 MSD
 Matrix: Solid
 Analysis Batch: 125726

Client Sample ID: HA-5
 Prep Type: Total/NA
 Prep Batch: 125634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	816.6		mg/Kg		82	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	777.0		mg/Kg		78	70 - 130	6	20
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
1-Chlorooctane	82			70 - 130							
o-Terphenyl	83			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-125670/1-A
 Matrix: Solid
 Analysis Batch: 125721

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/05/25 13:44	1

Lab Sample ID: LCS 880-125670/2-A
 Matrix: Solid
 Analysis Batch: 125721

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	234.8		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-125670/3-A
 Matrix: Solid
 Analysis Batch: 125721

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	236.5		mg/Kg		95	90 - 110	1	20

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

GC VOA

Analysis Batch: 125855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	8021B	125868
890-9159-2	HA-4	Total/NA	Solid	8021B	125868
890-9159-3	HA-5	Total/NA	Solid	8021B	125868
890-9159-4	HA-5	Total/NA	Solid	8021B	125868
890-9159-5	HA-6	Total/NA	Solid	8021B	125868
890-9159-6	HA-6	Total/NA	Solid	8021B	125868
890-9159-7	HA-7	Total/NA	Solid	8021B	125868
890-9159-8	HA-7	Total/NA	Solid	8021B	125868
MB 880-125868/5-B	Method Blank	Total/NA	Solid	8021B	125868
LCS 880-125868/1-A	Lab Control Sample	Total/NA	Solid	8021B	125868
LCSD 880-125868/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	125868

Prep Batch: 125868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	5035	
890-9159-2	HA-4	Total/NA	Solid	5035	
890-9159-3	HA-5	Total/NA	Solid	5035	
890-9159-4	HA-5	Total/NA	Solid	5035	
890-9159-5	HA-6	Total/NA	Solid	5035	
890-9159-6	HA-6	Total/NA	Solid	5035	
890-9159-7	HA-7	Total/NA	Solid	5035	
890-9159-8	HA-7	Total/NA	Solid	5035	
MB 880-125868/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-125868/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-125868/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 126124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	Total BTEX	
890-9159-2	HA-4	Total/NA	Solid	Total BTEX	
890-9159-3	HA-5	Total/NA	Solid	Total BTEX	
890-9159-4	HA-5	Total/NA	Solid	Total BTEX	
890-9159-5	HA-6	Total/NA	Solid	Total BTEX	
890-9159-6	HA-6	Total/NA	Solid	Total BTEX	
890-9159-7	HA-7	Total/NA	Solid	Total BTEX	
890-9159-8	HA-7	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 125597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	8015NM Prep	
890-9159-2	HA-4	Total/NA	Solid	8015NM Prep	
890-9159-3	HA-5	Total/NA	Solid	8015NM Prep	
MB 880-125597/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-125597/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-125597/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 125634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-4	HA-5	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

GC Semi VOA (Continued)

Prep Batch: 125634 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-5	HA-6	Total/NA	Solid	8015NM Prep	
890-9159-6	HA-6	Total/NA	Solid	8015NM Prep	
890-9159-7	HA-7	Total/NA	Solid	8015NM Prep	
890-9159-8	HA-7	Total/NA	Solid	8015NM Prep	
MB 880-125634/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-125634/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-125634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9159-4 MS	HA-5	Total/NA	Solid	8015NM Prep	
890-9159-4 MSD	HA-5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 125726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-4	HA-5	Total/NA	Solid	8015B NM	125634
890-9159-5	HA-6	Total/NA	Solid	8015B NM	125634
890-9159-6	HA-6	Total/NA	Solid	8015B NM	125634
890-9159-7	HA-7	Total/NA	Solid	8015B NM	125634
890-9159-8	HA-7	Total/NA	Solid	8015B NM	125634
MB 880-125634/1-A	Method Blank	Total/NA	Solid	8015B NM	125634
LCS 880-125634/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	125634
LCSD 880-125634/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	125634
890-9159-4 MS	HA-5	Total/NA	Solid	8015B NM	125634
890-9159-4 MSD	HA-5	Total/NA	Solid	8015B NM	125634

Analysis Batch: 125738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	8015B NM	125597
890-9159-2	HA-4	Total/NA	Solid	8015B NM	125597
890-9159-3	HA-5	Total/NA	Solid	8015B NM	125597
MB 880-125597/1-A	Method Blank	Total/NA	Solid	8015B NM	125597
LCS 880-125597/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	125597
LCSD 880-125597/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	125597

Analysis Batch: 125950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Total/NA	Solid	8015 NM	
890-9159-2	HA-4	Total/NA	Solid	8015 NM	
890-9159-3	HA-5	Total/NA	Solid	8015 NM	
890-9159-4	HA-5	Total/NA	Solid	8015 NM	
890-9159-5	HA-6	Total/NA	Solid	8015 NM	
890-9159-6	HA-6	Total/NA	Solid	8015 NM	
890-9159-7	HA-7	Total/NA	Solid	8015 NM	
890-9159-8	HA-7	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 125670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Soluble	Solid	DI Leach	
890-9159-2	HA-4	Soluble	Solid	DI Leach	
890-9159-3	HA-5	Soluble	Solid	DI Leach	
890-9159-4	HA-5	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

HPLC/IC (Continued)

Leach Batch: 125670 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-5	HA-6	Soluble	Solid	DI Leach	
890-9159-6	HA-6	Soluble	Solid	DI Leach	
890-9159-7	HA-7	Soluble	Solid	DI Leach	
890-9159-8	HA-7	Soluble	Solid	DI Leach	
MB 880-125670/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-125670/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-125670/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 125721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9159-1	HA-4	Soluble	Solid	300.0	125670
890-9159-2	HA-4	Soluble	Solid	300.0	125670
890-9159-3	HA-5	Soluble	Solid	300.0	125670
890-9159-4	HA-5	Soluble	Solid	300.0	125670
890-9159-5	HA-6	Soluble	Solid	300.0	125670
890-9159-6	HA-6	Soluble	Solid	300.0	125670
890-9159-7	HA-7	Soluble	Solid	300.0	125670
890-9159-8	HA-7	Soluble	Solid	300.0	125670
MB 880-125670/1-A	Method Blank	Soluble	Solid	300.0	125670
LCS 880-125670/2-A	Lab Control Sample	Soluble	Solid	300.0	125670
LCSD 880-125670/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	125670

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-4

Lab Sample ID: 890-9159-1

Date Collected: 12/02/25 10:00

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 16:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/06/25 02:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125597	12/03/25 16:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125738	12/06/25 02:56	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 15:43	CS	EET MID

Client Sample ID: HA-4

Lab Sample ID: 890-9159-2

Date Collected: 12/02/25 10:05

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 17:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/06/25 03:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	125597	12/03/25 16:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125738	12/06/25 03:16	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:00	CS	EET MID

Client Sample ID: HA-5

Lab Sample ID: 890-9159-3

Date Collected: 12/02/25 10:10

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 17:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/06/25 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125597	12/03/25 16:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125738	12/06/25 03:34	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:06	CS	EET MID

Client Sample ID: HA-5

Lab Sample ID: 890-9159-4

Date Collected: 12/02/25 10:15

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 17:56	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-5

Lab Sample ID: 890-9159-4

Date Collected: 12/02/25 10:15

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125950	12/05/25 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125634	12/04/25 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125726	12/05/25 20:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:11	CS	EET MID

Client Sample ID: HA-6

Lab Sample ID: 890-9159-5

Date Collected: 12/02/25 10:20

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 18:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/05/25 21:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125634	12/04/25 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125726	12/05/25 21:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:17	CS	EET MID

Client Sample ID: HA-6

Lab Sample ID: 890-9159-6

Date Collected: 12/02/25 10:25

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 18:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/05/25 21:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	125634	12/04/25 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125726	12/05/25 21:19	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:22	CS	EET MID

Client Sample ID: HA-7

Lab Sample ID: 890-9159-7

Date Collected: 12/02/25 10:30

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 18:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/05/25 21:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125634	12/04/25 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125726	12/05/25 21:34	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Client Sample ID: HA-7

Lab Sample ID: 890-9159-7

Date Collected: 12/02/25 10:30

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:28	CS	EET MID

Client Sample ID: HA-7

Lab Sample ID: 890-9159-8

Date Collected: 12/02/25 10:35

Matrix: Solid

Date Received: 12/03/25 08:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	125868	12/08/25 08:55	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125855	12/08/25 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126124	12/08/25 19:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			125950	12/05/25 21:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	125634	12/04/25 09:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125726	12/05/25 21:49	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	125670	12/04/25 13:37	SA	EET MID
Soluble	Analysis	300.0		1			125721	12/05/25 16:34	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
 SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic cat 5 CTB 2

Job ID: 890-9159-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9159-1	HA-4	Solid	12/02/25 10:00	12/03/25 08:52	0.5
890-9159-2	HA-4	Solid	12/02/25 10:05	12/03/25 08:52	1
890-9159-3	HA-5	Solid	12/02/25 10:10	12/03/25 08:52	0.5
890-9159-4	HA-5	Solid	12/02/25 10:15	12/03/25 08:52	1
890-9159-5	HA-6	Solid	12/02/25 10:20	12/03/25 08:52	0.5
890-9159-6	HA-6	Solid	12/02/25 10:25	12/03/25 08:52	1
890-9159-7	HA-7	Solid	12/02/25 10:30	12/03/25 08:52	0.5
890-9159-8	HA-7	Solid	12/02/25 10:35	12/03/25 08:52	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



eurofins
 Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A
Client Contact: N/A	Lab PM: Teel, Brianna
Shipping/Receiving: N/A	E-Mail: Brianna.Teel@et.eurofins.com
Company: Eurofins Environment Testing South Cent	Accreditations Required (See note): NELAP - Texas
Address: 1211 W. Florida Ave.	Carrier Tracking No(s): N/A
City: Midland	State of Origin: New Mexico
State, Zip: TX, 79701	Page: Page 1 of 1
Phone: 432-704-5440(Tel)	Job #: 890-9159-1
Email: N/A	Preservation Codes:
Project Name: Exotic cat 5 CTB 2	
Site: N/A	

Due Date Requested: 12/9/2025	Analysis Requested
TAT Requested (days):	
PO #: N/A	
WO #: N/A	
Project #: 88001228	
SSOW#: N/A	
Field Filtered Sample (Yes or No)	
Perform MS/MSD (Yes or No)	
Total_BTEX_GCV	
8021B/5035FP_CalcBTEX	
300_ORGFM_28/DI_LEACHchloride	
8015MOD_Calc	
8015MOD_NM/8015NM_S_Prep8015 NM	
Total Number of containers	
Special Instructions/Note:	

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=ore/solid, ST=Stream, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
HA-4 (890-9159-1)	12/2/25	10:00	G	Solid	X	X	1	
HA-4 (890-9159-2)	12/2/25	10:05	G	Solid	X	X	1	
HA-5 (890-9159-3)	12/2/25	10:10	G	Solid	X	X	1	
HA-5 (890-9159-4)	12/2/25	10:15	G	Solid	X	X	1	
HA-6 (890-9159-5)	12/2/25	10:20	G	Solid	X	X	1	
HA-6 (890-9159-6)	12/2/25	10:25	G	Solid	X	X	1	
HA-7 (890-9159-7)	12/2/25	10:30	G	Solid	X	X	1	
HA-7 (890-9159-8)	12/2/25	10:35	G	Solid	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontracted laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

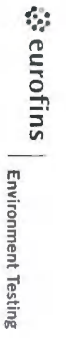
Empty Kit Returned by:	Date:	Time:
Reinquired by: <i>Bourne</i>	12-3	1630
Company:		
Received by:	Date/Time:	Method of Shipment:
<i>[Signature]</i>	12-3-25	ROC
Company:		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Eurofins Carlsbad

1089 N Canal St
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: T. Bell, Brianna	Carrier Tracking No(s): N/A	COC No.: 890-6203.1
Shipping/Receiving: N/A	Phone: N/A	E-Mail: Brianna.TBell@eurofins.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Cent		Accelerations Required (See note): NELAP - Texas		Job #: 890-9159-1
Address: 1211 W. Florida Ave.	Date Requested: 12/9/2025			Preservation Codes:
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	MO #: N/A			
Project Name: Exotic cal 5 CTB 2	Project #: 88001228			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Number, Symbol, Observation)	Field Filtered Sample (Yes or No)					Perform MS/MSD (Yes or No)					Total Number of containers	Special Instructions/Note:
					Preservation Code	Total_BTEX_GCV	8021B/5035FP_CalcBTEX	300_ORGFM_28D/DI_LEACHChloride	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep8015 NM						
HA-4 (890-9159-1)	12/2/25	10:00	G	Solid	X	X	X	X	X	X						
HA-4 (890-9159-2)	12/2/25	10:05	G	Solid	X	X	X	X	X	X						
HA-5 (890-9159-3)	12/2/25	10:10	G	Solid	X	X	X	X	X	X						
HA-5 (890-9159-4)	12/2/25	10:15	G	Solid	X	X	X	X	X	X						
HA-6 (890-9159-5)	12/2/25	10:20	G	Solid	X	X	X	X	X	X						
HA-6 (890-9159-6)	12/2/25	10:25	G	Solid	X	X	X	X	X	X						
HA-7 (890-9159-7)	12/2/25	10:30	G	Solid	X	X	X	X	X	X						
HA-7 (890-9159-8)	12/2/25	10:35	G	Solid	X	X	X	X	X	X						

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Cent, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analyte(s)/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Cent, LLC laboratory or other institutions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Cent, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to compliance to Eurofins Environment Testing South Cent, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (Specify) _____ Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Being Quished by: _____ Date: _____

Relinquished by: *Bourne* Date/Time: 12-3 16:30 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____ Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9159-1

SDG Number: Lea County, NM

Login Number: 9159

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-9159-1
SDG Number: Lea County, NM

Login Number: 9159
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 12/04/25 09:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



October 21, 2025

New Mexico Oil Conservation Division

506 W. Texas Ave
Artesia, NM 88210

RE: **Exotic Cat 5 CTB 2 - Closure Request Report**

Incident Number: nAPP2511832325

GPS: 32.336125°, -103.698938°

Lea County, New Mexico

ESRR Project No. VP- 354

To Whom It May Concern:

Earth Systems Response and Restoration (ESRR), presents the following Closure Request Report (CRR) detailing subsequent soil sampling events and findings during a recent liner inspection conducted at Exotic Cat 5 CTB 2 (Site) following an inadvertent release of produced water within a lined secondary containment (LSC). Based on initial release response and liner inspection activities, Devon Energy (Devon) is requesting No Further Action (NFA) at the Site.

Site Location

The Site is located in Unit F, Section 05, Township 23 South, Range 32 East, in Lea County, New Mexico (32.336125°, -103.698938°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1**).

Incident Description & Background

On April 27, 2025, a pinhole leak developed on a 3-phase separator, causing the release of approximately 51 barrels (bbls) of produced water within a LSC. Devon reported approximately 1 bbl of the produced water to have sprayed onto the adjacent production pad surface. A vacuum truck was immediately dispatched to the Site recovering 51 bbls of fluids. Devon personnel conducted initial site assessment activities and mapped the observed release footprint hereafter referred to as the Area of Concern (AOC) (**Figure 2**) followed by an initial surficial scrape of the AOC outside of the LSC.

Notice was given to the New Mexico Oil Conservation Division (NMOCD) on April 28, 2025, by Notification of Release (NOR) and subsequently assigned Incident Number nAPP2511832325. A Corrective Action Form C-141 (Form C-141) was later submitted and approved by the NMOCD on April 30, 2025.

On May 21, 2025, Devon submitted a 48-hour Notification of Liner Inspection (Form C-141L) for May 27, 2025, which was later canceled due to materials remaining within the LSC.

On July 25, 2025, Devon requested an extension of the July 28, 2025, deadline to allow additional time for pressure washing and for new construction to be completed for a thorough liner inspection followed by the completion of this CRR. NMOCD granted a 90-day extension and updated the due date to October 23, 2025.

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
32.336125°, -103.698938°



On August 26, 2025, Devon re-submitted a Form C-141L for an inspection date of August 29, 2025.

Site Characterization

ESRR characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). The following proximities were estimated:

- o Between 1,000 feet and ½ mile of any continuously flowing watercourse or any other significant watercourse;
- o Between 1 and 5 miles of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- o Greater than 5 miles of any occupied permanent residence, school, hospital, institution or church;
- o Between 1 and 5 miles of any spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- o Between 1 and 5 miles of any other freshwater well or spring;
- o Greater than 5 miles of any incorporated municipal boundary or a defined municipal fresh water well field covered under a municipal ordinance;
- o Between 1,000 feet and ½ mile of any wetland;
- o Greater than 5 miles of any subsurface mine;
- o Greater than 5 miles from an unstable area (i.e. critical/ high/ medium karst potential); and
- o Greater than 5 miles of a 100-year floodplain.

Receptor details used to determine the Site characterization are included in **Figure 3** and **Figure 4. Referenced Well Records** for the closest depth to water well are attached.

Based on the results from the desktop review, the Site is designated as no depth to water well within 0.5 miles with data no greater than 25 years old. The following Closure Criteria was applied:

Constituents of Concern (COCs)	Closure Criteria[‡]
Chloride	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	100 mg/kg
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) ...	50 mg/kg

[‡]The reclamation concentration requirements of 600 mg/kg Chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.
 TPH= Gasoline Range Organics + Diesel Range Organics + Oil Range Organics
 Laboratory Analytical Methods used: Environmental Protection Agency (EPA) 300.0, EPA 8015 NM, EPA 8021 B

Delineation & Confirmation Soil Sampling Activities

On May 30, 2025, ESRR conducted initial delineation activities to assess the presence or absence of soil impacts associated with the AOC. Three delineation boreholes (HA-1 through HA-3) were advanced to 1-foot below grade surface (bgs) via hand auger within and surrounding the AOC. Delineation activities were driven by field screening soil for chloride utilizing QuanTab® test strips. A minimum of two soil samples were collected from each delineation borehole, representing the highest observed field screening concentrations and the greatest depth. Delineation soil samples were placed directly into lab-provided pre-cleaned jars, packed with minimal void space, labeled, and placed on ice. The delineation soil samples were transported under strict chain-of-custody procedures, to Eurofins in Carlsbad, New Mexico, for analysis of the COCs.

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
32.336125°, -103.698938°



Laboratory analytical results for delineation soil samples (HA-1 through HA-3) within and surrounding the AOC were compliant with Site Closure Criteria and/or the reclamation standard, confirming the absence of soil impacts within the observed AOC. The locations of all delineation soil samples are shown in **Figure 2**.

To further confirm the absence of soil impacts within the observed AOC, ESRR collected 5-point composite soil samples at a sampling frequency of 200 square feet from the AOC's estimated floor and sidewall, (CS-1 and SW-1) where the surficial scrape was reported to have been performed.

Laboratory analytical results indicated that the concentration of COCs for the confirmation soil samples were below the applicable Site Closure Criteria and/or reclamation standard. The locations of all final confirmation soil samples are shown in **Figure 5**.

All Laboratory results are summarized in **Table 1**, included in the attachments. **Photographic Documentation** of all activities are attached.

Liner Inspection

On August 29, 2025, ESRR conducted a thorough visual inspection of the LSC and found no tears, cracks, cuts, breaks, or other signs of damage, confirming no evidence of a breach to the LSC. The liner appeared to be in good condition and is performing as designed. **Photographic Documentation** of liner inspection activities is attached.

Closure Request

Based on the initial release response, delineation, confirmation sampling, and liner inspection activities, Devon believes the completed remedial actions meet the requirements set forth in NMAC 19.15.29.13 regulations in order to be protective of human health, the environment, and groundwater. Devon believes NFA is warranted at the Site and respectfully requests Closure for Incident Number nAPP2511832325. If you have any questions or comments, please do not hesitate to contact Gilbert Moreno at (832) 541-7719 or gmoreno@earthsys.net. **NMOCD Documentation & Correspondence** and **Executed chain-of-custody forms and laboratory analytical reports** are attached.

Sincerely,

EARTH SYSTEMS RESPONSE & RESTORATION

A handwritten signature in black ink, appearing to read 'G. Moreno'.

Gilbert Moreno
Carlsbad Operations Manager/ Project Geologist

A handwritten signature in black ink, appearing to read 'Kris Williams'.

Kris Williams, CHMM, REM
Principal

cc: Jim Raley, Devon Energy Permian
Bureau of Land Management

Attachments:

- Figure 1 - Site Map
- Figure 2 - Delineation Soil Sample Locations

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
32.336125°, -103.698938°



Figure 3 - Ground Water
Figure 4 - Karst Potential
Referenced Well Records
Figure 5 - Confirmation Soil Sample Locations
Table 1 - Soil Sample Analytical Results
Figure 6 - New Construction
Photographic Documentation
NMOCD Documentation & Correspondence
Executed Chain-of-Custody Forms and Laboratory Analytical Reports



Figure 1 – Site Map

Devon Energy – Exotic Cat 5 CTB 2
 GPS: 32.336125°, -103.698938°
 Lea County, New Mexico



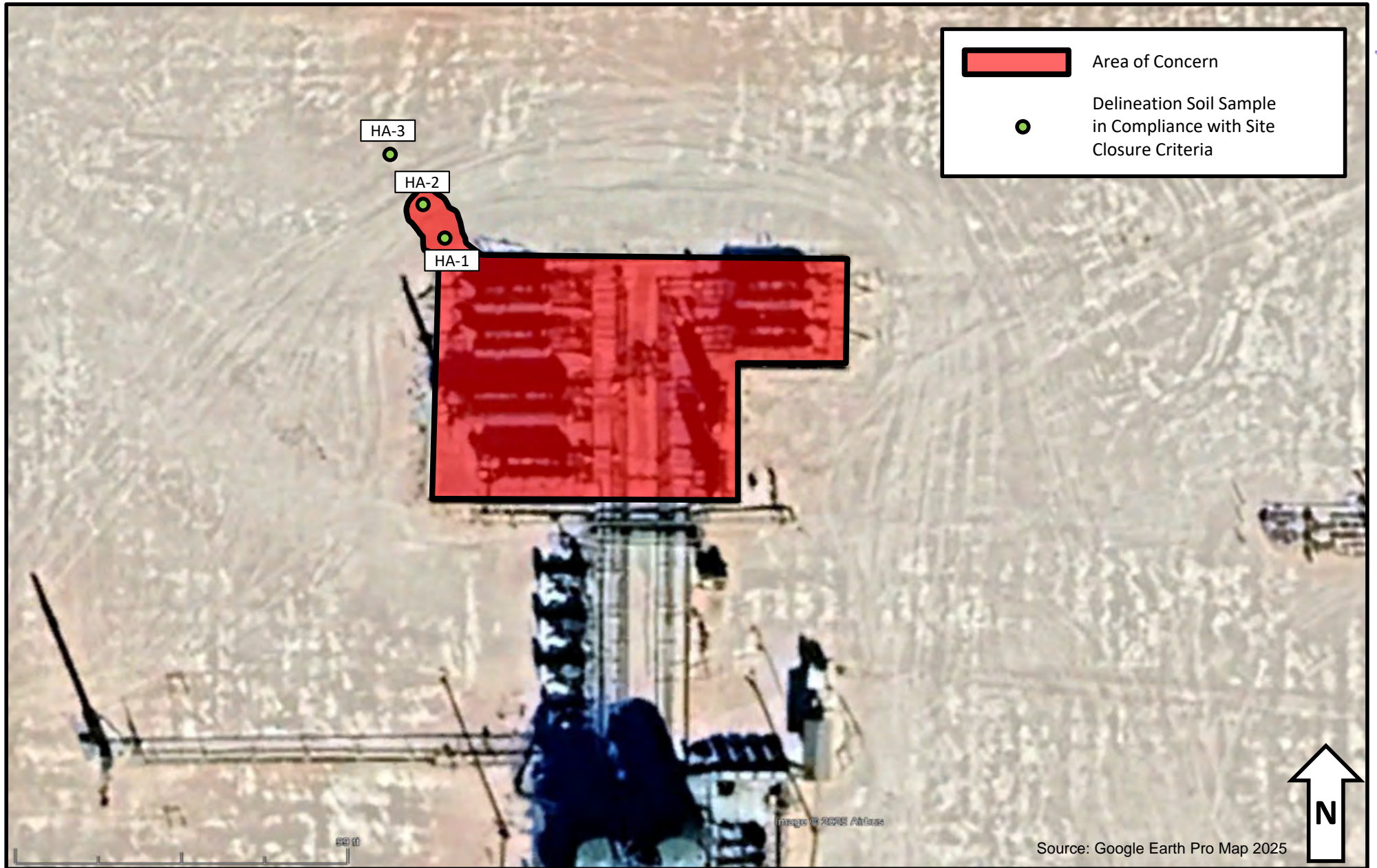


Figure 2 – Delineation Soil Sample Locations

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico



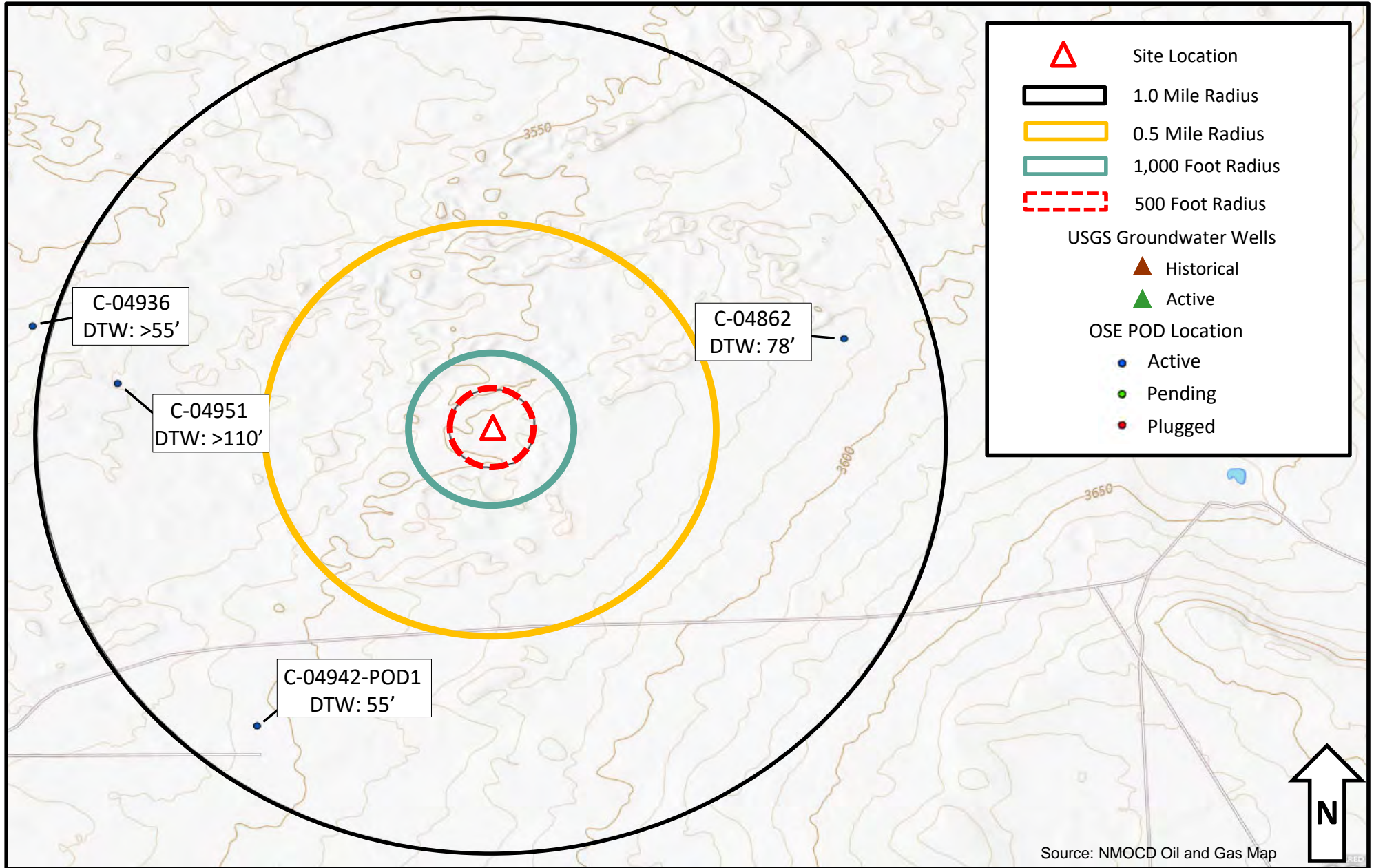


Figure 3 – Ground Water

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico



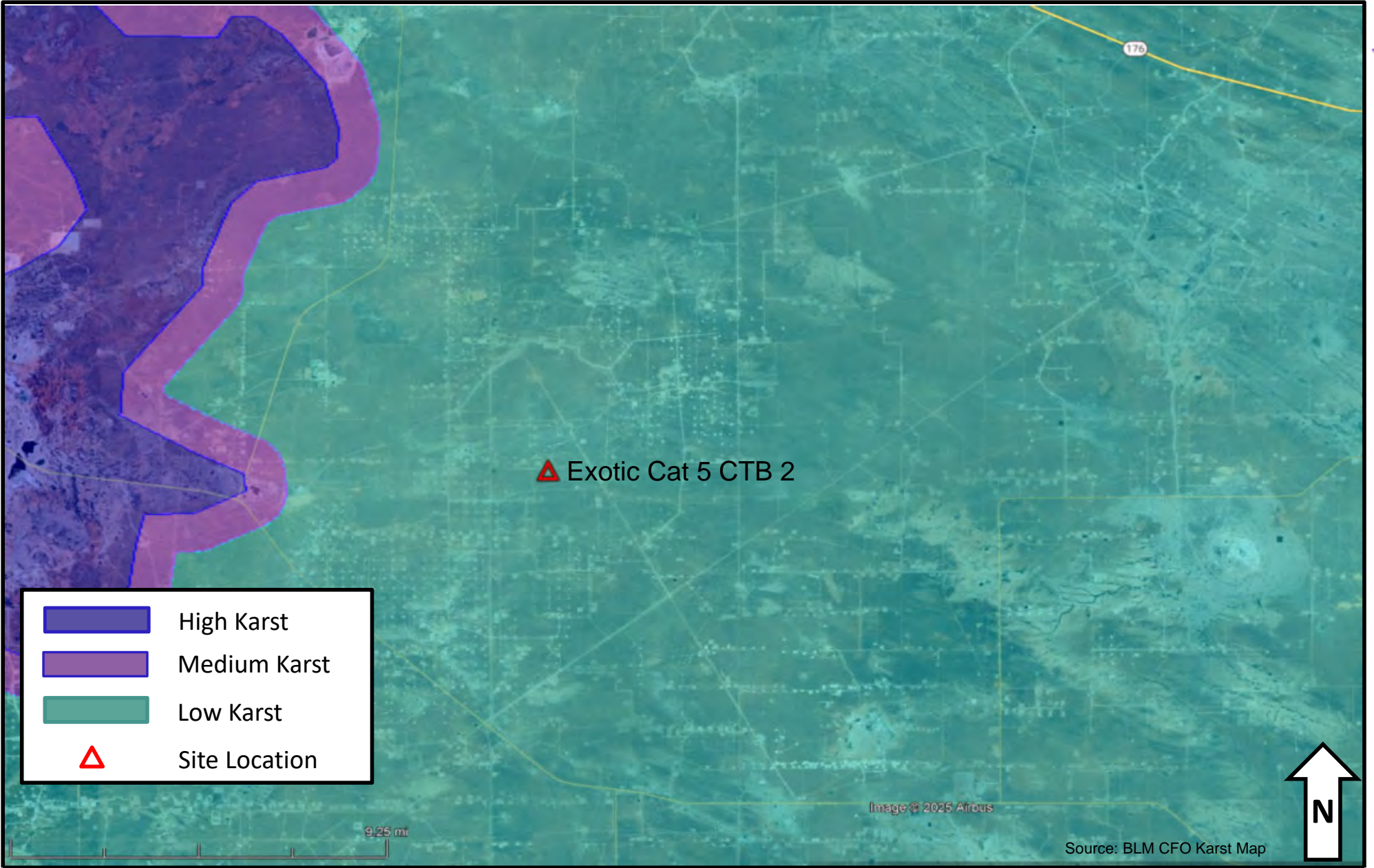


Figure 4 – Karst Potential

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

I. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S) C-4862			
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6001 Deauville Blvd. Ste. 300N				CITY Midland	STATE TX	ZIP 79706	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 21.28	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -103	41	8.18	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NWNW S-4 T-23S R-32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8/14/24	DRILLING ENDED 8/14/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) 78			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 78	DATE STATIC MEASURED 8/20/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				No casing left in hole				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

OSE DII ROSWELL NM
AUG 30 2024 PM 2:15

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-04862	POD NO.	1	TRN NO.	764584
LOCATION	23S. 32E. 04. 211			WELL TAG ID NO.	
					PAGE 1 OF 2

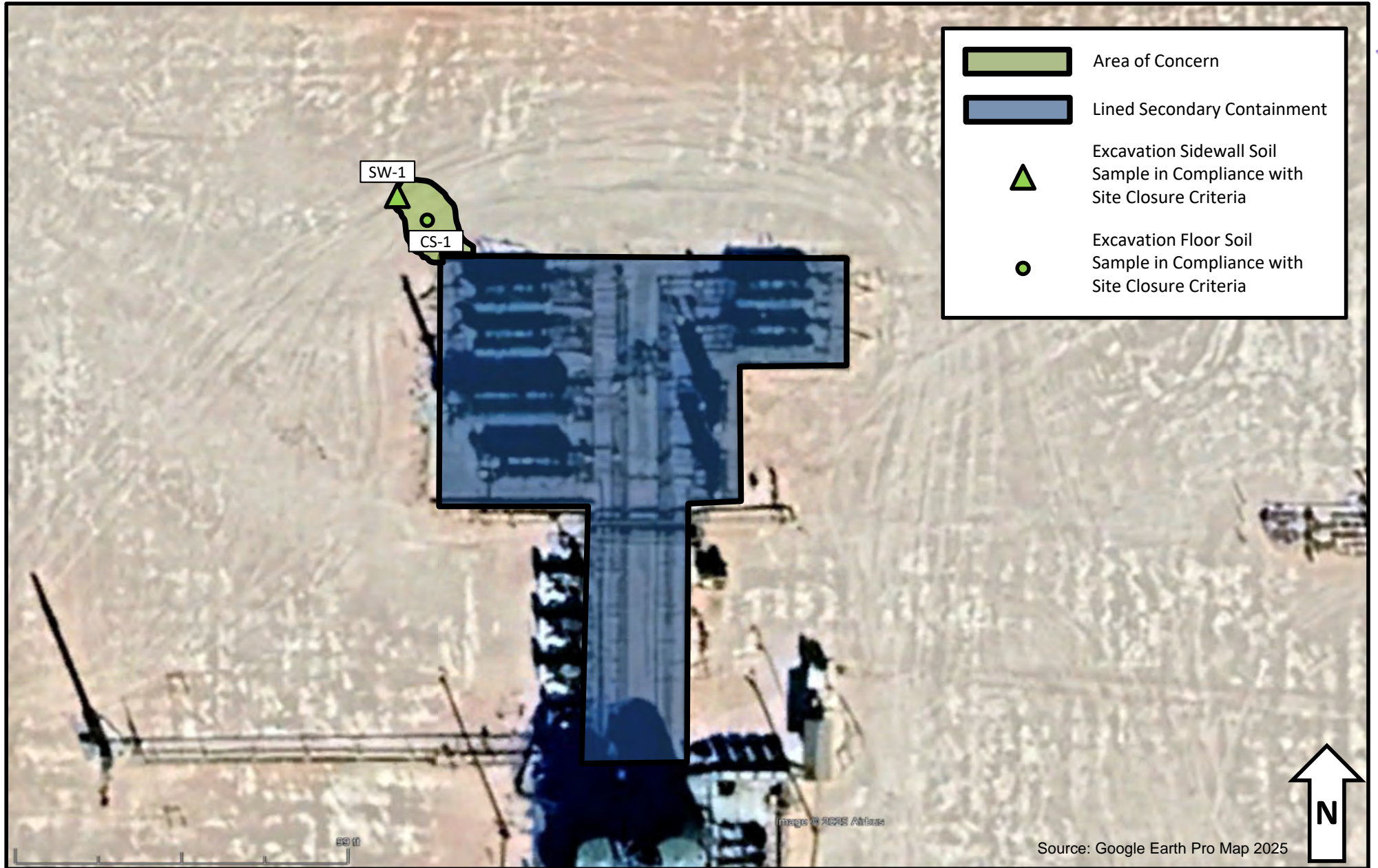


Figure 5 – Confirmation Soil Sample Locations

Devon Energy – Exotic Cat 5 CTB 2
GPS: 32.336125°, -103.698938°
Lea County, New Mexico





Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Exotic Cat 5 CTB 2
Lea County, New Mexico



Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - nAPP2511832325									
HA - 1	05/30/25	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	122
HA - 1	05/30/25	1	<0.00201	<0.00402	<49.6	<49.6	<49.6	<49.6	67.5
HA - 2	05/30/25	0.5	<0.00202	<0.00404	<50.3	<50.3	<50.3	<50.3	130
HA - 2	05/30/25	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	72.2
HA - 3	05/30/25	0.5	<0.00198	<0.00397	<49.7	<49.7	<49.7	<49.7	158
HA - 3	05/30/25	1	<0.00198	<0.00396	<50.4	<50.4	<50.4	<50.4	56.7
Confirmation Soil Samples - nAPP2511832325									
CS - 1	05/30/25	0.25	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	314
SW - 1	05/30/25	0-0.25	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	345

Notes:

bgs: below ground surface
mg/kg: milligrams per kilogram
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
ORO: Oil Range Organics

NMOCD: New Mexico Oil Conservation Division
NMAC: New Mexico Administrative Code
Text in "grey" represents excavated soil samples
Concentrations in **bold and highlighted** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard* for Soils Impacted by a Release

*The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to



Figure 6 – New Construction
 Devon Energy – Exotic Cat 5 CTB 2
 GPS: 32.336125°, -103.698938°
 Lea County, New Mexico



Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 1: Southern view during initial assessment prior to initial C-141L cancellation. 5/21/2025

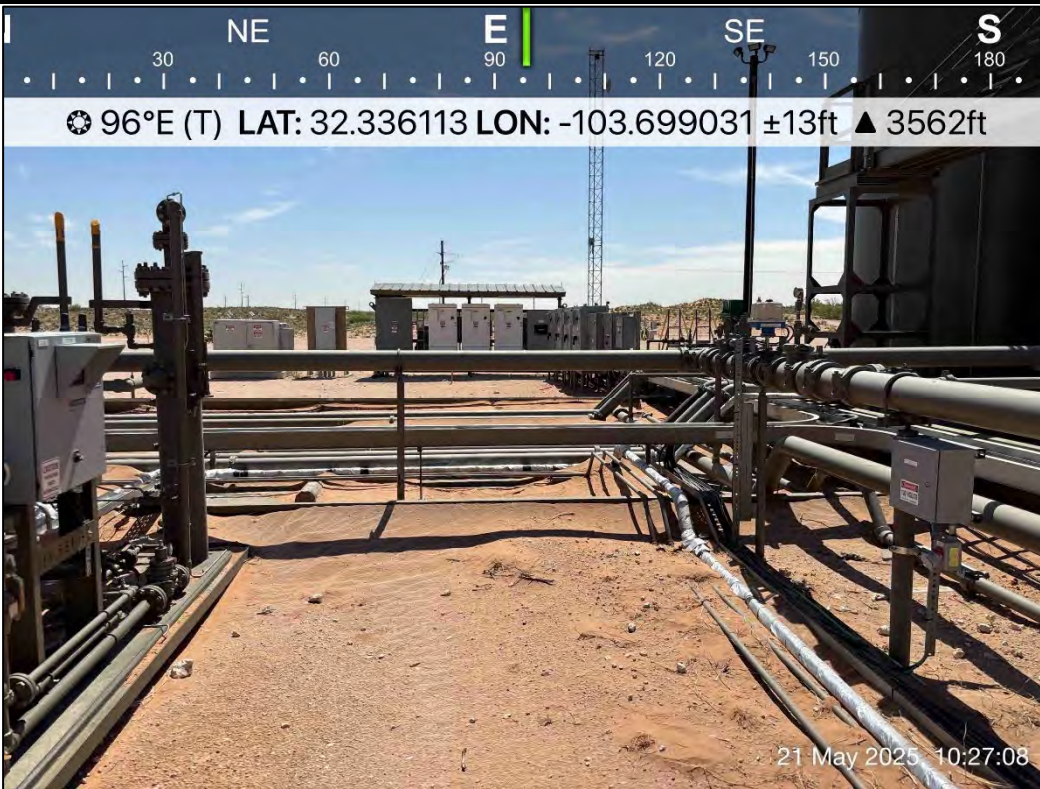


PHOTO 2: Eastern view during initial assessment prior to initial C-141L cancellation. 5/21/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 3: Northern view during delineation activities. 5/30/2025



PHOTO 4: Northern view during delineation activities. 5/30/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°

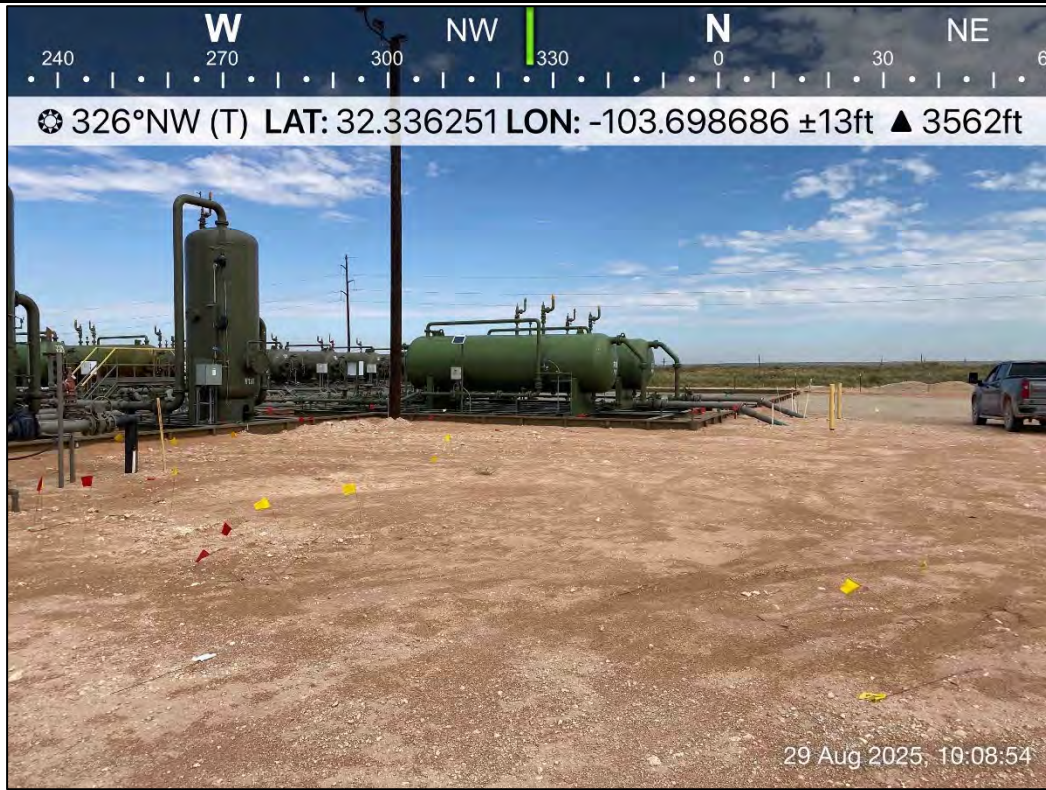


PHOTO 5: Northwestern view outside of containment during liner inspection activities. 8/29/2025



PHOTO 6: Southwestern view outside of containment during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 7: Northeastern view outside of containment during liner inspection activities. 8/29/2025



PHOTO 8: Northeastern view outside of containment during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 9: Northern view outside of containment during liner inspection activities. 8/29/2025



PHOTO 10: Southwestern view outside of containment during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°

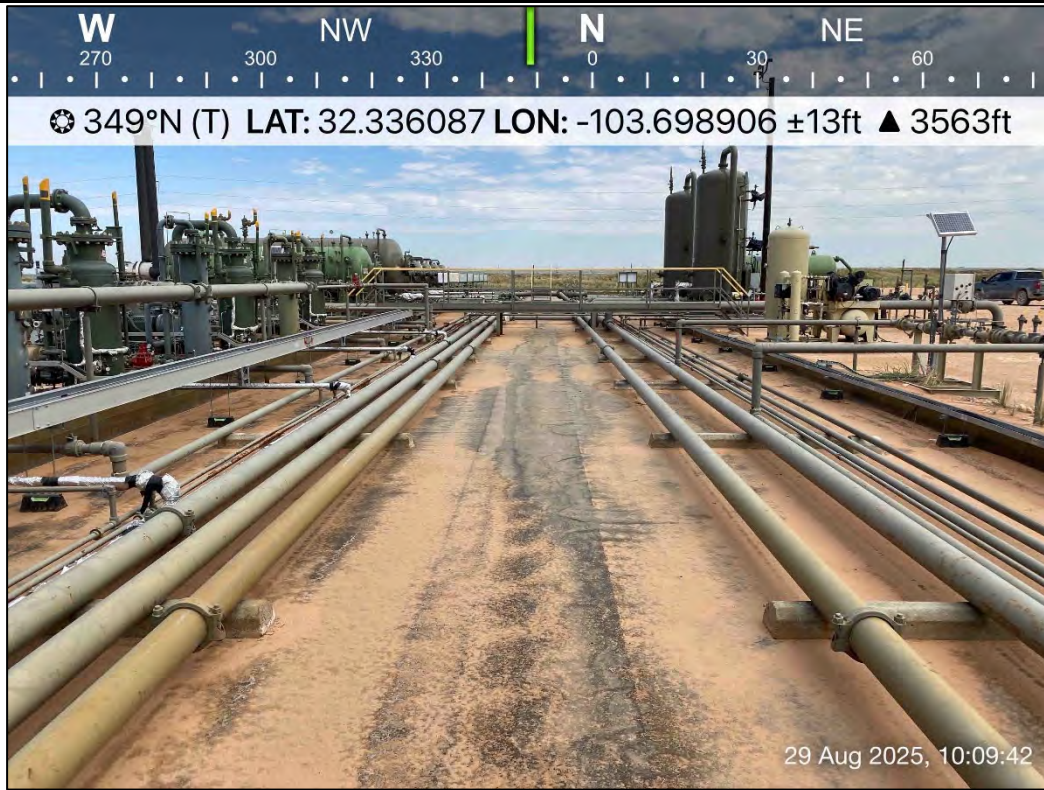


PHOTO 11: Northwestern view during liner inspection activities. 8/29/2025

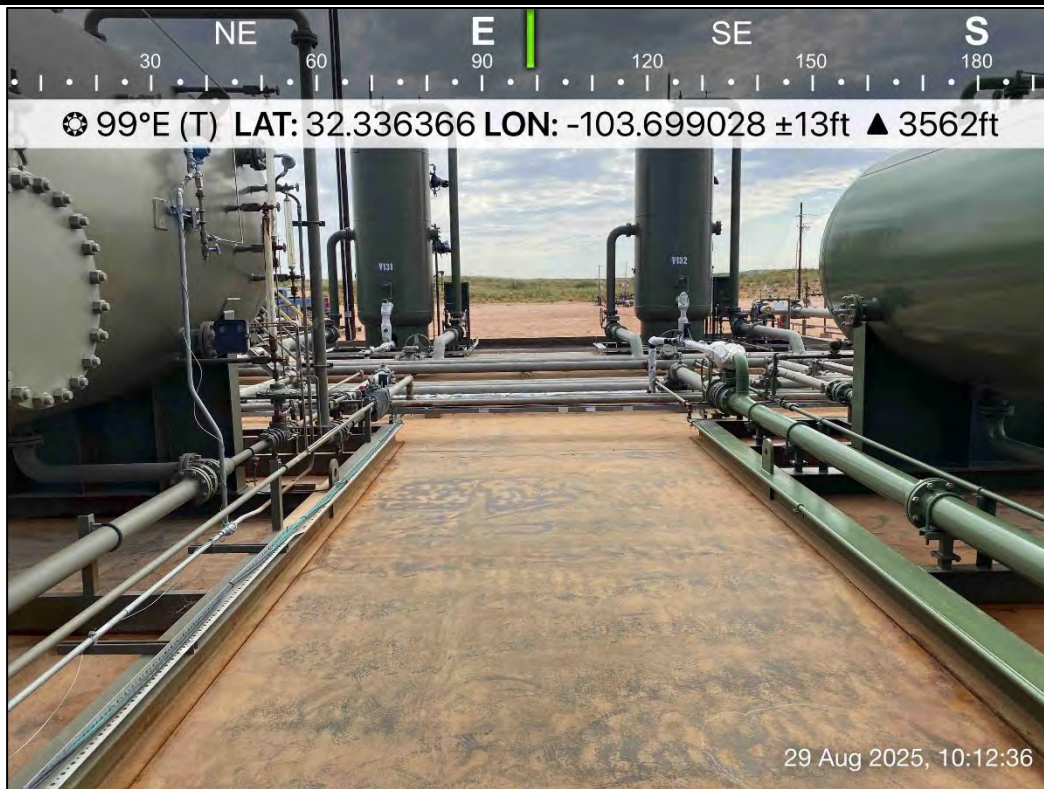


PHOTO 12: Southeastern view during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 13: Northeastern view during liner inspection activities. 8/29/2025

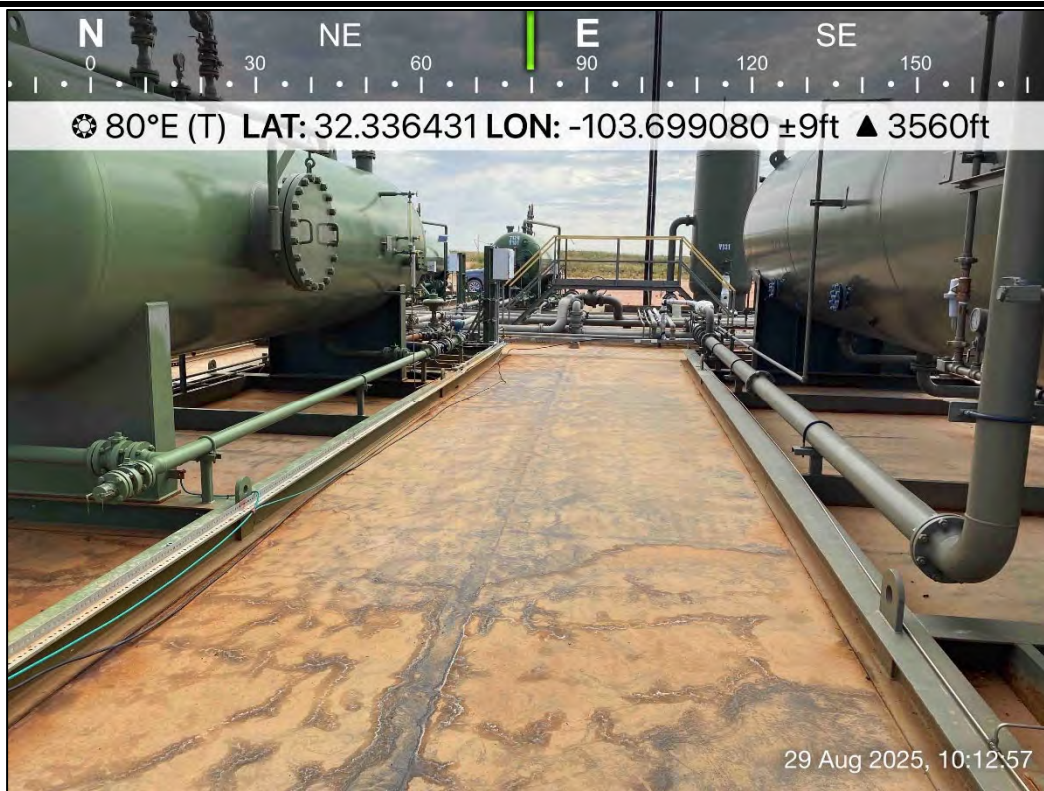


PHOTO 14: Northeastern view during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 15: Northeastern view during liner inspection activities. 8/29/2025

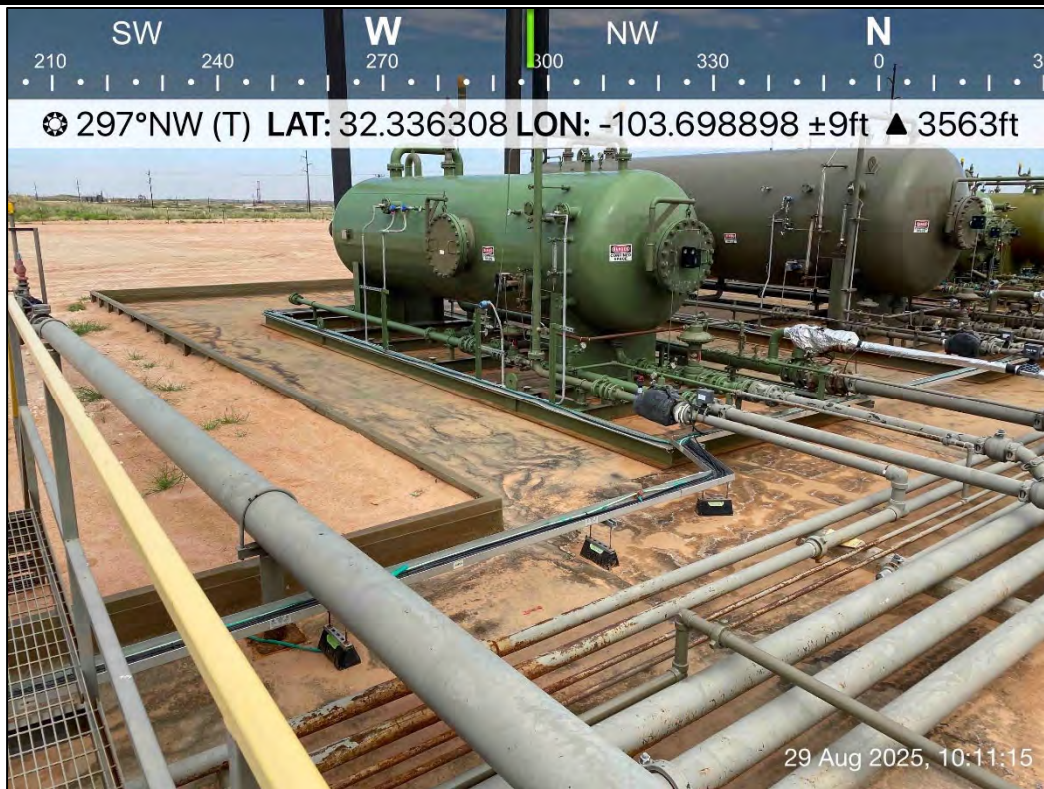


PHOTO 16: Northwestern view during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 17: Southeastern view during liner inspection activities. 8/29/2025

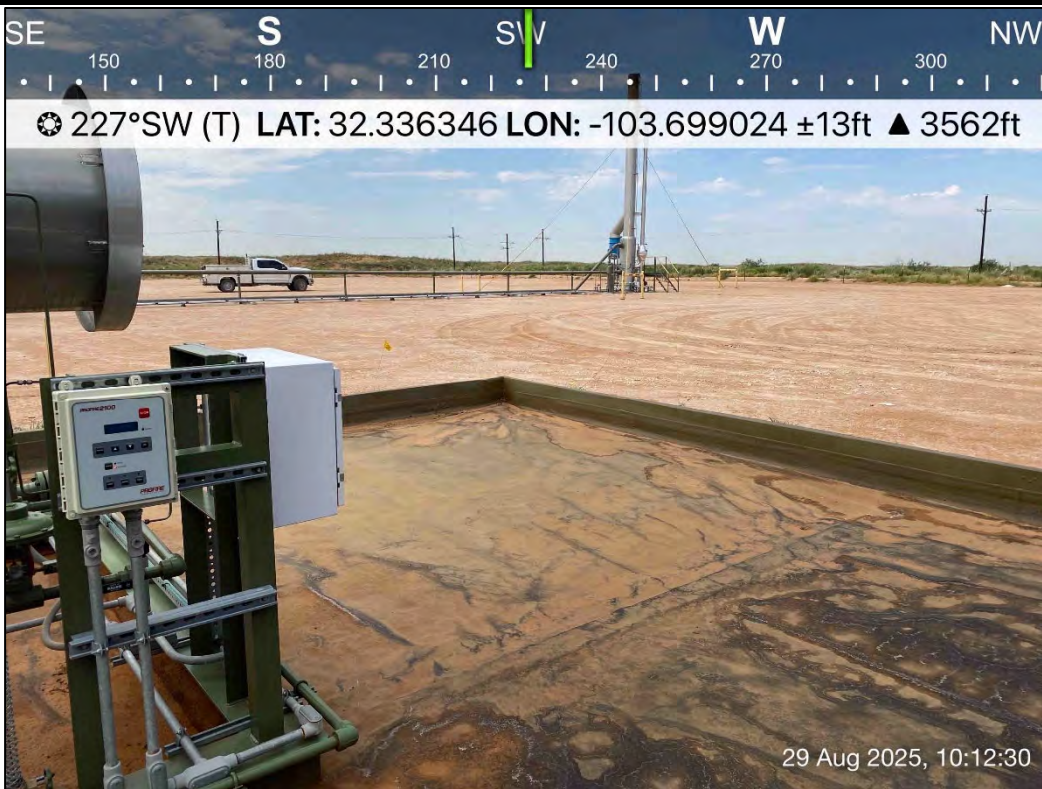


PHOTO 18: Southwestern view during liner inspection activities. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°

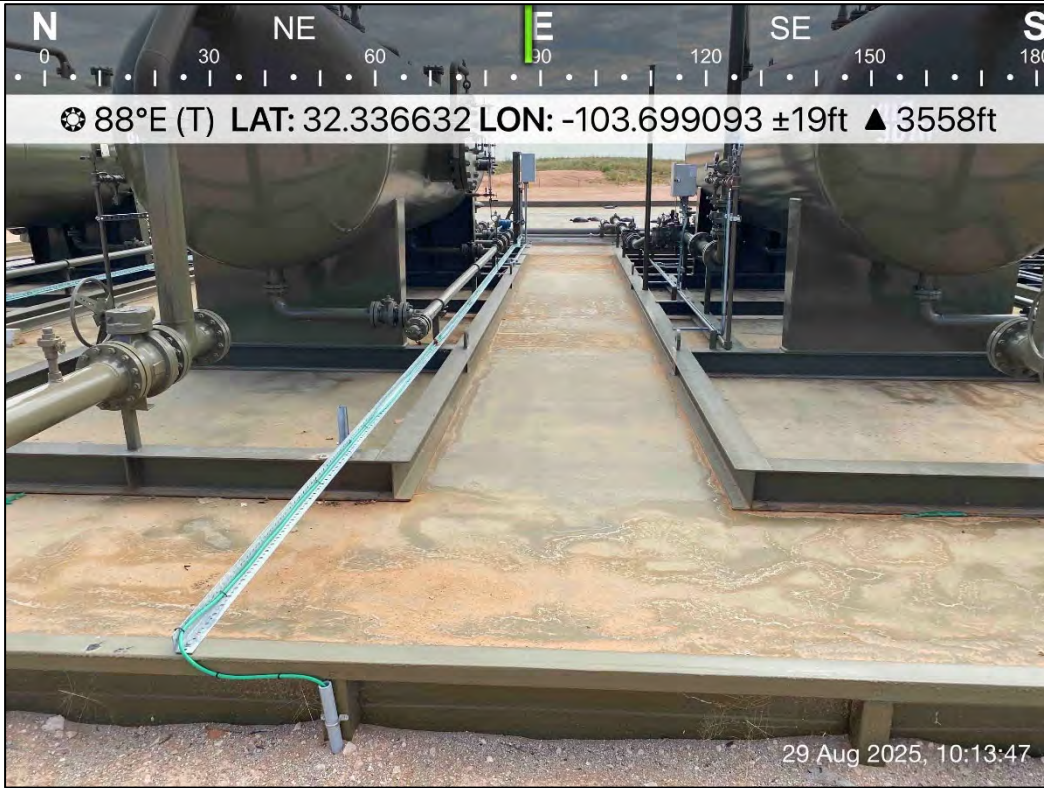


PHOTO 19: Eastern view during liner inspection activities. 8/29/2025

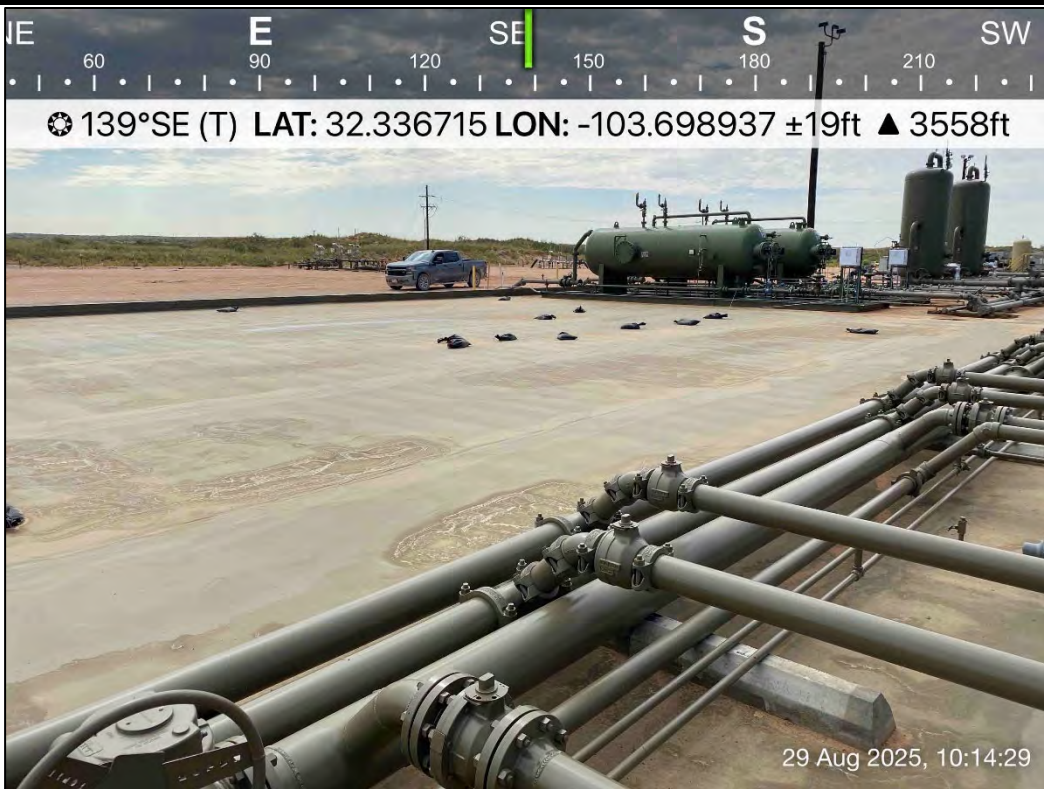


PHOTO 20: Northwestern view of new construction. 8/29/2025

Exotic Cat 5 CTB 2 - Closure Request Report
Incident Number: nAPP2511832325
GPS: 32.336125°, -103.698938°



PHOTO 21: Southwestern view of new construction. 8/29/2025



PHOTO 22: Northwestern view of location sign. 8/29/2025

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 467462

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467462
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511832325
Incident Name	NAPP2511832325 EXOTIC CAT 5 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2308735100] EXOTIC CAT 5 CTB 2

Location of Release Source	
Site Name	EXOTIC CAT 5 CTB 2
Date Release Discovered	04/27/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	8
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/30/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to sampling site	32.336125,-103.698938

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

CONDITIONS

Action 467462

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 467462
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/27/2025



Re: Liner Inspection Notification- Incident Number nAPP2511832325

From Gilbert Moreno <gmoreno@earthsys.net>
Date Wed 5/21/2025 10:06 AM
To ocd.enviro@emnrd.nm.gov <ocd.enviro@emnrd.nm.gov>
Cc Raley, Jim <jim.ralej@dn.com>

Hi,

Unfortunately, the containment has not had all materials removed like anticipated. The liner inspection date below will be canceled and rescheduled for a future date.

Regards,

Gilbert Moreno | Carlsbad Operations Manager- Project Geologist
1910 Resource Ct | Carlsbad NM, 88220
O. 575.323.9034 M. (832) 541-7719 | gmoreno@earthsys.net



From: Gilbert Moreno
Sent: Wednesday, May 21, 2025 7:42 AM
To: ocd.enviro@emnrd.nm.gov <ocd.enviro@emnrd.nm.gov>
Cc: Raley, Jim <jim.ralej@dn.com>
Subject: Liner Inspection Notification- Incident Number nAPP2511832325

Hello,

Earth Systems R & R will be conducting a liner inspection at Exotic Cat 5 CTB 2 on behalf of WPX Energy Permian on May 27th, 2025. This email will be followed up with a Notification of Liner Inspection (C-141L) for the proposed date.

Site Name:	Exotic Cat 5 CTB 2
Incident Number(s):	nAPP2511832325
Surface Area of Liner:	8,267 sqft
Have impacted Materials been removed?:	Yes

Inspection Date:	5/27/2025
Proposed Time:	0800-1700 MST
Who to Contact:	Gilbert Moreno (832) 541-7719
Navigation to Site:	32.336458°, -103.698939°

Gilbert Moreno | Carlsbad Operations Manager- Project Geologist
1910 Resource Ct | Carlsbad NM, 88220
O. 575.323.9034 M. (832) 541-7719 | gmoreno@earthsys.net





(Extension Approval) - EXOTIC CAT 5 CTB 2 - nAPP2511832325

From Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Date Fri 7/25/2025 1:54 PM

To Gilbert Moreno <gmoreno@earthsys.net>

Cc Raley, Jim <jim.rale@dv.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

RE: Incident #NAPP2511832325 EXOTIC CAT 5 CTB 2

Gilbert,

A 90-day extension is approved. Please have a remediation closure report uploaded to the OCD Permitting Portal no later than **October 23rd, 2025**. Include this e-mail correspondence in the report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@emnrd.nm.gov

<http://www.emnrd.state.nm.us/OCD/>



From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Friday, July 25, 2025 10:19 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] EXOTIC CAT 5 CTB 2 - Extension Request - nAPP2511832325

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau

EMNRD - Oil Conservation Division

5200 Oakland NE, Suite B | Albuquerque, NM 87113

505.469.1830 | scott.rodgers@emnrd.nm.gov

<http://www.emnrd.nm.gov/ocd>



From: Gilbert Moreno <gmoreno@earthsys.net>
Sent: Friday, July 25, 2025 10:13 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>
Subject: [EXTERNAL] EXOTIC CAT 5 CTB 2 - Extension Request - nAPP2511832325

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

Earth Systems R & R (ESRR) on behalf of Devon Energy (Devon) is requesting an extension to the current deadline for a report required in 19.15.29.12.B(1) NMAC at the EXOTIC CAT 5 CTB 2 (Site).

A produced water release was discovered on April 27, 2025, and was subsequently assigned Incident Number nAPP2511832325. ESRR was scheduled to perform a liner inspection on May 27, 2025, but had to cancel due to materials still remaining in the containment preventing proper inspection. ESRR performed soil sampling activities on May 30, 2025, of the potential area of overspray reported by Devon. Ongoing new construction on this containment has caused delays in pressure washing and removal of remaining materials.

Devon requests an extension of the July 28, 2025, deadline for the release associated with Incident Number nAPP2511832325, to allow additional time for pressure washing once new construction is complete and a thorough liner inspection can be completed. Upon completion of activities, ESRR will complete a subsequent corrective action closure report.

Thanks,

Gilbert Moreno | Carlsbad Operations Manager- Project Geologist
1910 Resource Ct | Carlsbad NM, 88220
O. 575.323.9034 M. (832) 541-7719 | gmoreno@earthsys.net



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 499503

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 499503
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511832325
Incident Name	NAPP2511832325 EXOTIC CAT 5 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2308735100] EXOTIC CAT 5 CTB 2

Location of Release Source	
Site Name	EXOTIC CAT 5 CTB 2
Date Release Discovered	04/27/2025
Surface Owner	Federal

Liner Inspection Event Information	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	10,795
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/29/2025
Time liner inspection will commence	08:00 AM
Please provide any information necessary for observers to liner inspection	Gilbert Moreno (832) 541-7719
Please provide any information necessary for navigation to liner inspection site	32.336125,-103.698938

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

CONDITIONS

Action 499503

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 499503
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	8/26/2025



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
 Earth Systems Response and Restoration
 4115 South County Road 1297
 Odessa, Texas 79765

Generated 6/5/2025 11:29:28 AM

JOB DESCRIPTION

Exotic Cat 5 CTB 2
 Lea County, NM

JOB NUMBER

890-8257-1



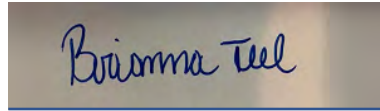
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/5/2025 11:29:28 AM

Authorized for release by
Brianna Teel, Project Manager
Brianna.Teel@et.eurofinsus.com
(432)704-5440

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Laboratory Job ID: 890-8257-1
SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	16
Lab Chronicle	18
Certification Summary	20
Method Summary	21
Sample Summary	22
Chain of Custody	23
Receipt Checklists	24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Earth Systems Response and Restoration
Project: Exotic Cat 5 CTB 2

Job ID: 890-8257-1

Job ID: 890-8257-1

Eurofins Carlsbad

Job Narrative 890-8257-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/2/2025 8:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: HA - 1 (890-8257-1), HA - 1 (890-8257-2), HA - 2 (890-8257-3), HA - 2 (890-8257-4), HA - 3 (890-8257-5) and HA - 3 (890-8257-6).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad



Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8257-1

Date Collected: 05/30/25 08:10

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/03/25 09:02	06/03/25 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/03/25 09:02	06/03/25 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/03/25 09:02	06/03/25 11:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/03/25 09:02	06/03/25 11:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/03/25 11:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/03/25 21:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 21:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 21:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	06/03/25 07:52	06/03/25 21:15	1
o-Terphenyl	82		70 - 130	06/03/25 07:52	06/03/25 21:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		10.0		mg/Kg			06/03/25 14:17	1

Client Sample ID: HA - 1

Lab Sample ID: 890-8257-2

Date Collected: 05/30/25 08:15

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 11:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 11:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 11:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/03/25 09:02	06/03/25 11:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 11:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/03/25 09:02	06/03/25 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	06/03/25 09:02	06/03/25 11:57	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 1

Lab Sample ID: 890-8257-2

Date Collected: 05/30/25 08:15

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	06/03/25 09:02	06/03/25 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/03/25 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/03/25 21:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/03/25 07:52	06/03/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/03/25 07:52	06/03/25 21:32	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/03/25 07:52	06/03/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	06/03/25 07:52	06/03/25 21:32	1
o-Terphenyl	77		70 - 130	06/03/25 07:52	06/03/25 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.5		10.0		mg/Kg			06/03/25 14:39	1

Client Sample ID: HA - 2

Lab Sample ID: 890-8257-3

Date Collected: 05/30/25 08:20

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/03/25 09:02	06/03/25 12:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/03/25 09:02	06/03/25 12:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/03/25 09:02	06/03/25 12:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/03/25 09:02	06/03/25 12:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/03/25 09:02	06/03/25 12:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/03/25 09:02	06/03/25 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/03/25 09:02	06/03/25 12:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130	06/03/25 09:02	06/03/25 12:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/03/25 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			06/03/25 21:47	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 2

Lab Sample ID: 890-8257-3

Date Collected: 05/30/25 08:20

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		06/03/25 07:52	06/03/25 21:47	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		06/03/25 07:52	06/03/25 21:47	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		06/03/25 07:52	06/03/25 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/03/25 07:52	06/03/25 21:47	1
o-Terphenyl	85		70 - 130				06/03/25 07:52	06/03/25 21:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.0		mg/Kg			06/03/25 14:46	1

Client Sample ID: HA - 2

Lab Sample ID: 890-8257-4

Date Collected: 05/30/25 08:25

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/03/25 09:02	06/03/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				06/03/25 09:02	06/03/25 12:38	1
1,4-Difluorobenzene (Surr)	76		70 - 130				06/03/25 09:02	06/03/25 12:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/03/25 12:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/03/25 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/03/25 07:52	06/03/25 22:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/03/25 07:52	06/03/25 22:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/03/25 07:52	06/03/25 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				06/03/25 07:52	06/03/25 22:03	1
o-Terphenyl	76		70 - 130				06/03/25 07:52	06/03/25 22:03	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 2

Lab Sample ID: 890-8257-4

Date Collected: 05/30/25 08:25

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.2		10.1		mg/Kg			06/03/25 15:07	1

Client Sample ID: HA - 3

Lab Sample ID: 890-8257-5

Date Collected: 05/30/25 08:30

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 12:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 12:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 12:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/03/25 09:02	06/03/25 12:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 12:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/03/25 09:02	06/03/25 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	06/03/25 09:02	06/03/25 12:59	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/03/25 09:02	06/03/25 12:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/03/25 12:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/03/25 22:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/03/25 07:52	06/03/25 22:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/03/25 07:52	06/03/25 22:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/03/25 07:52	06/03/25 22:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	06/03/25 07:52	06/03/25 22:20	1
o-Terphenyl	83		70 - 130	06/03/25 07:52	06/03/25 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		9.96		mg/Kg			06/03/25 15:14	1

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 3

Lab Sample ID: 890-8257-6

Date Collected: 05/30/25 08:35

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 13:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 13:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 13:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/03/25 09:02	06/03/25 13:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/03/25 09:02	06/03/25 13:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/03/25 09:02	06/03/25 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/03/25 09:02	06/03/25 13:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/03/25 09:02	06/03/25 13:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/03/25 13:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			06/03/25 22:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		06/03/25 07:52	06/03/25 22:36	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		06/03/25 07:52	06/03/25 22:36	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		06/03/25 07:52	06/03/25 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	06/03/25 07:52	06/03/25 22:36	1
o-Terphenyl	79		70 - 130	06/03/25 07:52	06/03/25 22:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.7		10.0		mg/Kg			06/03/25 15:21	1

Surrogate Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-8257-1	HA - 1	95	98
890-8257-1 MS	HA - 1	104	86
890-8257-1 MSD	HA - 1	102	101
890-8257-2	HA - 1	91	96
890-8257-3	HA - 2	92	91
890-8257-4	HA - 2	87	76
890-8257-5	HA - 3	90	96
890-8257-6	HA - 3	92	98
LCS 880-111365/1-A	Lab Control Sample	102	89
LCSD 880-111365/2-A	Lab Control Sample Dup	110	105
MB 880-111365/5-A	Method Blank	88	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-8257-1	HA - 1	85	82
890-8257-2	HA - 1	80	77
890-8257-3	HA - 2	84	85
890-8257-4	HA - 2	78	76
890-8257-5	HA - 3	83	83
890-8257-6	HA - 3	80	79
LCS 880-111354/2-A	Lab Control Sample	84	90
LCSD 880-111354/3-A	Lab Control Sample Dup	87	92
MB 880-111354/1-A	Method Blank	73	75

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-111365/5-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/03/25 09:02	06/03/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	06/03/25 09:02	06/03/25 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/03/25 09:02	06/03/25 11:15	1

Lab Sample ID: LCS 880-111365/1-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	0.100	0.09875		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2087		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-111365/2-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1092		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.09820		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2131		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-8257-1 MS
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: HA - 1
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09180		mg/Kg		92	70 - 130
Toluene	<0.00200	U	0.100	0.09396		mg/Kg		94	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-8257-1 MS

Client Sample ID: HA - 1

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111359

Prep Batch: 111365

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09938		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1885		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09076		mg/Kg		91	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: 890-8257-1 MSD

Client Sample ID: HA - 1

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111359

Prep Batch: 111365

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09646		mg/Kg		96	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.09366		mg/Kg		94	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09837		mg/Kg		98	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1872		mg/Kg		94	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08872		mg/Kg		89	70 - 130	2	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-111354/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111420

Prep Batch: 111354

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	73		70 - 130	06/03/25 07:52	06/03/25 06:20	1
o-Terphenyl	75		70 - 130	06/03/25 07:52	06/03/25 06:20	1

Lab Sample ID: LCS 880-111354/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 111420

Prep Batch: 111354

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Gasoline Range Organics (GRO)-C6-C10	1000	776.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	866.8		mg/Kg		87	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-111354/2-A
 Matrix: Solid
 Analysis Batch: 111420

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 111354

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	84		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-111354/3-A
 Matrix: Solid
 Analysis Batch: 111420

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 111354

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	810.6		mg/Kg		81	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	882.4		mg/Kg		88	70 - 130	2		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	87		70 - 130
o-Terphenyl	92		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111294/1-A
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			06/03/25 11:24	1

Lab Sample ID: LCS 880-111294/2-A
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
Chloride	250	244.8		mg/Kg		98	90 - 110	

Lab Sample ID: LCSD 880-111294/3-A
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Chloride	250	244.8		mg/Kg		98	90 - 110	0		20

Lab Sample ID: 890-8257-1 MS
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: HA - 1
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Chloride	122		251	374.3		mg/Kg		100	90 - 110	

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8257-1 MSD
Matrix: Solid
Analysis Batch: 111383

Client Sample ID: HA - 1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	122		251	376.0		mg/Kg		101	90 - 110	0	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

GC VOA

Analysis Batch: 111359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	8021B	111365
890-8257-2	HA - 1	Total/NA	Solid	8021B	111365
890-8257-3	HA - 2	Total/NA	Solid	8021B	111365
890-8257-4	HA - 2	Total/NA	Solid	8021B	111365
890-8257-5	HA - 3	Total/NA	Solid	8021B	111365
890-8257-6	HA - 3	Total/NA	Solid	8021B	111365
MB 880-111365/5-A	Method Blank	Total/NA	Solid	8021B	111365
LCS 880-111365/1-A	Lab Control Sample	Total/NA	Solid	8021B	111365
LCSD 880-111365/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111365
890-8257-1 MS	HA - 1	Total/NA	Solid	8021B	111365
890-8257-1 MSD	HA - 1	Total/NA	Solid	8021B	111365

Prep Batch: 111365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	5035	
890-8257-2	HA - 1	Total/NA	Solid	5035	
890-8257-3	HA - 2	Total/NA	Solid	5035	
890-8257-4	HA - 2	Total/NA	Solid	5035	
890-8257-5	HA - 3	Total/NA	Solid	5035	
890-8257-6	HA - 3	Total/NA	Solid	5035	
MB 880-111365/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111365/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111365/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8257-1 MS	HA - 1	Total/NA	Solid	5035	
890-8257-1 MSD	HA - 1	Total/NA	Solid	5035	

Analysis Batch: 111482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	Total BTEX	
890-8257-2	HA - 1	Total/NA	Solid	Total BTEX	
890-8257-3	HA - 2	Total/NA	Solid	Total BTEX	
890-8257-4	HA - 2	Total/NA	Solid	Total BTEX	
890-8257-5	HA - 3	Total/NA	Solid	Total BTEX	
890-8257-6	HA - 3	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 111354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	8015NM Prep	
890-8257-2	HA - 1	Total/NA	Solid	8015NM Prep	
890-8257-3	HA - 2	Total/NA	Solid	8015NM Prep	
890-8257-4	HA - 2	Total/NA	Solid	8015NM Prep	
890-8257-5	HA - 3	Total/NA	Solid	8015NM Prep	
890-8257-6	HA - 3	Total/NA	Solid	8015NM Prep	
MB 880-111354/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111354/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

GC Semi VOA

Analysis Batch: 111420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	8015B NM	111354
890-8257-2	HA - 1	Total/NA	Solid	8015B NM	111354
890-8257-3	HA - 2	Total/NA	Solid	8015B NM	111354
890-8257-4	HA - 2	Total/NA	Solid	8015B NM	111354
890-8257-5	HA - 3	Total/NA	Solid	8015B NM	111354
890-8257-6	HA - 3	Total/NA	Solid	8015B NM	111354
MB 880-111354/1-A	Method Blank	Total/NA	Solid	8015B NM	111354
LCS 880-111354/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111354
LCSD 880-111354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111354

Analysis Batch: 111533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Total/NA	Solid	8015 NM	
890-8257-2	HA - 1	Total/NA	Solid	8015 NM	
890-8257-3	HA - 2	Total/NA	Solid	8015 NM	
890-8257-4	HA - 2	Total/NA	Solid	8015 NM	
890-8257-5	HA - 3	Total/NA	Solid	8015 NM	
890-8257-6	HA - 3	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 111294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Soluble	Solid	DI Leach	
890-8257-2	HA - 1	Soluble	Solid	DI Leach	
890-8257-3	HA - 2	Soluble	Solid	DI Leach	
890-8257-4	HA - 2	Soluble	Solid	DI Leach	
890-8257-5	HA - 3	Soluble	Solid	DI Leach	
890-8257-6	HA - 3	Soluble	Solid	DI Leach	
MB 880-111294/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111294/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111294/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8257-1 MS	HA - 1	Soluble	Solid	DI Leach	
890-8257-1 MSD	HA - 1	Soluble	Solid	DI Leach	

Analysis Batch: 111383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8257-1	HA - 1	Soluble	Solid	300.0	111294
890-8257-2	HA - 1	Soluble	Solid	300.0	111294
890-8257-3	HA - 2	Soluble	Solid	300.0	111294
890-8257-4	HA - 2	Soluble	Solid	300.0	111294
890-8257-5	HA - 3	Soluble	Solid	300.0	111294
890-8257-6	HA - 3	Soluble	Solid	300.0	111294
MB 880-111294/1-A	Method Blank	Soluble	Solid	300.0	111294
LCS 880-111294/2-A	Lab Control Sample	Soluble	Solid	300.0	111294
LCSD 880-111294/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111294
890-8257-1 MS	HA - 1	Soluble	Solid	300.0	111294
890-8257-1 MSD	HA - 1	Soluble	Solid	300.0	111294

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 1
 Date Collected: 05/30/25 08:10
 Date Received: 06/02/25 08:31

Lab Sample ID: 890-8257-1
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 11:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 11:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			111533	06/03/25 21:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 21:15	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 14:17	CH	EET MID

Client Sample ID: HA - 1
 Date Collected: 05/30/25 08:15
 Date Received: 06/02/25 08:31

Lab Sample ID: 890-8257-2
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 11:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			111533	06/03/25 21:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 21:32	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 14:39	CH	EET MID

Client Sample ID: HA - 2
 Date Collected: 05/30/25 08:20
 Date Received: 06/02/25 08:31

Lab Sample ID: 890-8257-3
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 12:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			111533	06/03/25 21:47	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 21:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 14:46	CH	EET MID

Client Sample ID: HA - 2
 Date Collected: 05/30/25 08:25
 Date Received: 06/02/25 08:31

Lab Sample ID: 890-8257-4
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 12:38	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
 SDG: Lea County, NM

Client Sample ID: HA - 2

Lab Sample ID: 890-8257-4

Date Collected: 05/30/25 08:25

Matrix: Solid

Date Received: 06/02/25 08:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			111533	06/03/25 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 22:03	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 15:07	CH	EET MID

Client Sample ID: HA - 3

Lab Sample ID: 890-8257-5

Date Collected: 05/30/25 08:30

Matrix: Solid

Date Received: 06/02/25 08:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			111533	06/03/25 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 15:14	CH	EET MID

Client Sample ID: HA - 3

Lab Sample ID: 890-8257-6

Date Collected: 05/30/25 08:35

Matrix: Solid

Date Received: 06/02/25 08:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111482	06/03/25 13:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			111533	06/03/25 22:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 15:21	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8257-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8257-1	HA - 1	Solid	05/30/25 08:10	06/02/25 08:31	0.5
890-8257-2	HA - 1	Solid	05/30/25 08:15	06/02/25 08:31	1
890-8257-3	HA - 2	Solid	05/30/25 08:20	06/02/25 08:31	0.5
890-8257-4	HA - 2	Solid	05/30/25 08:25	06/02/25 08:31	1
890-8257-5	HA - 3	Solid	05/30/25 08:30	06/02/25 08:31	0.5
890-8257-6	HA - 3	Solid	05/30/25 08:35	06/02/25 08:31	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing
Xenco

Houston, TX (281) 240-4200 - Dallas, TX (214) 962-03
Midland, TX (432) 704-5440 - San Antonio, TX (210) 509-
El Paso, TX (915) 585-3443 - Lubbock, TX (806) 794-1
Hobbs, NM (575) 392-7550 - Carlsbad, NM (575) 988-3

Chain of Custody



890-8257 Chain of Custody

Page 1 of 1

Project Manager:	Gilbert Moreno	Bill to: (if different)	Jim Raley
Company Name:	Earth Systems R&R	Company Name:	Devon Energy
Address:	1910 Resource Ct.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	832-541-7719	Email:	gmorenno@earthsys.net

Project Name:	Exotic Cat 5 CTB 2	Turn Around	Pres. Code
Project Number:	354	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	
Project Location:	Lea County, NM	Due Date:	Routine TAT
Sampler's Name:	Santiago Giron	TAT starts the day received by the lab, if received by 4:30pm	
CCWO #:	21576516	Wellce:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

SAMPLE RECEIPT	Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:	TANCO
Samples Received Intact:	Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Correction Factor:	-0.2
Sample Custody Seals:	Temperature Reading:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	-6.9
Total Containers:	Corrected Temperature:			-6.2

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush	ANALYSIS REQUEST	Preservative Codes	Sample Comments
HA-1	S	5.30.25	8:10	0.5	Grab/	1	X	X	X				None: NO DI Water: H ₂ O	Incident Number NAPP2511832325
HA-1	S	5.30.25	8:15	1	Grab/	1	X	X	X				Cool: Cool MeOH: Me	
HA-2	S	5.30.25	8:20	0.5	Grab/	1	X	X	X				HCL: HC HNO ₃ : HN	
HA-2	S	5.30.25	8:25	1	Grab/	1	X	X	X				H ₂ SO ₄ : H ₂	
HA-3	S	5.30.25	8:30	0.5	Grab/	1	X	X	X				H ₃ PO ₄ : HP	
HA-3	S	5.30.25	8:35	1	Grab/	1	X	X	X				NaHSO ₄ : NABIS	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Hg: 1631 / 245.1 / 7470 / 7471

Circle Method(s) and Metal(s) to be analyzed

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$4 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	6/2 8:31			

Revised Date: 05/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8257-1
SDG Number: Lea County, NM

Login Number: 8257

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8257-1
SDG Number: Lea County, NM

Login Number: 8257
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 06/03/25 08:01 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Gilbert Moreno
 Earth Systems Response and Restoration
 4115 South County Road 1297
 Odessa, Texas 79765
 Generated 6/9/2025 1:19:46 PM

JOB DESCRIPTION

Exotic Cat 5 CTB 2
 Lea County, NM

JOB NUMBER

890-8258-1



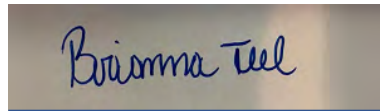
Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/9/2025 1:19:46 PM

Authorized for release by
Brianna Teel, Project Manager
Brianna.Teel@et.eurofinsus.com
(432)704-5440

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Laboratory Job ID: 890-8258-1
SDG: Lea County, NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Earth Systems Response and Restoration
Project: Exotic Cat 5 CTB 2

Job ID: 890-8258-1

Job ID: 890-8258-1

Eurofins Carlsbad

Job Narrative 890-8258-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/2/2025 8:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (890-8258-1) and SW-1 (890-8258-2).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Carlsbad



Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Client Sample ID: CS-1

Lab Sample ID: 890-8258-1

Date Collected: 05/30/25 08:40

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0.25

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 16:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 16:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 16:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/03/25 09:02	06/03/25 16:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/03/25 09:02	06/03/25 16:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/03/25 09:02	06/03/25 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	06/03/25 09:02	06/03/25 16:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/03/25 09:02	06/03/25 16:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/03/25 16:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/03/25 22:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/03/25 07:52	06/03/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/03/25 07:52	06/03/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/03/25 07:52	06/03/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	06/03/25 07:52	06/03/25 22:51	1
o-Terphenyl	91		70 - 130	06/03/25 07:52	06/03/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		10.0		mg/Kg			06/03/25 15:42	1

Client Sample ID: SW-1

Lab Sample ID: 890-8258-2

Date Collected: 05/30/25 08:45

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0-0.25

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 16:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/03/25 09:02	06/03/25 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 16:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/03/25 09:02	06/03/25 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	06/03/25 09:02	06/03/25 16:26	1

Eurofins Carlsbad

Client Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Client Sample ID: SW-1

Lab Sample ID: 890-8258-2

Date Collected: 05/30/25 08:45

Matrix: Solid

Date Received: 06/02/25 08:31

Sample Depth: 0-0.25

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	06/03/25 09:02	06/03/25 16:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/03/25 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/03/25 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/02/25 11:00	06/03/25 22:03	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/02/25 11:00	06/03/25 22:03	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/02/25 11:00	06/03/25 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	06/02/25 11:00	06/03/25 22:03	1
o-Terphenyl	103		70 - 130	06/02/25 11:00	06/03/25 22:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	345		9.96		mg/Kg			06/03/25 15:50	1

Surrogate Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-8258-1	CS-1	84	95
890-8258-2	SW-1	86	95
LCS 880-111365/1-A	Lab Control Sample	102	89
LCSD 880-111365/2-A	Lab Control Sample Dup	110	105
MB 880-111365/5-A	Method Blank	88	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-8258-1	CS-1	92	91
890-8258-2	SW-1	106	103
LCS 880-111328/2-A	Lab Control Sample	85	97
LCS 880-111354/2-A	Lab Control Sample	84	90
LCSD 880-111328/3-A	Lab Control Sample Dup	106	99
LCSD 880-111354/3-A	Lab Control Sample Dup	87	92
MB 880-111328/1-A	Method Blank	79	78
MB 880-111354/1-A	Method Blank	73	75

Surrogate Legend

1CO = 1-Chlorooctane
 OTPH = o-Terphenyl

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-111365/5-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/03/25 09:02	06/03/25 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/03/25 09:02	06/03/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	06/03/25 09:02	06/03/25 11:15	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/03/25 09:02	06/03/25 11:15	1

Lab Sample ID: LCS 880-111365/1-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1045		mg/Kg		105	70 - 130
Toluene	0.100	0.09875		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1064		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2087		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-111365/2-A
 Matrix: Solid
 Analysis Batch: 111359

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 111365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1092		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.09820		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2131		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-111328/1-A
Matrix: Solid
Analysis Batch: 111418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111328

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/02/25 11:00	06/03/25 06:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/02/25 11:00	06/03/25 06:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/02/25 11:00	06/03/25 06:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	79		70 - 130	06/02/25 11:00	06/03/25 06:20	1
o-Terphenyl	78		70 - 130	06/02/25 11:00	06/03/25 06:20	1

Lab Sample ID: LCS 880-111328/2-A
Matrix: Solid
Analysis Batch: 111418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	85		70 - 130
o-Terphenyl	97		70 - 130

Lab Sample ID: LCSD 880-111328/3-A
Matrix: Solid
Analysis Batch: 111418

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111328

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.7		mg/Kg		89	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130	6	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	106		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: MB 880-111354/1-A
Matrix: Solid
Analysis Batch: 111420

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111354

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/03/25 07:52	06/03/25 06:20	1

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-111354/1-A
 Matrix: Solid
 Analysis Batch: 111420

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 111354

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	73		70 - 130	06/03/25 07:52	06/03/25 06:20	1
o-Terphenyl	75		70 - 130	06/03/25 07:52	06/03/25 06:20	1

Lab Sample ID: LCS 880-111354/2-A
 Matrix: Solid
 Analysis Batch: 111420

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 111354

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	776.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	866.8		mg/Kg		87	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	84		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-111354/3-A
 Matrix: Solid
 Analysis Batch: 111420

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 111354

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	810.6		mg/Kg		81	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	882.4		mg/Kg		88	70 - 130	2	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	87		70 - 130
o-Terphenyl	92		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111294/1-A
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			06/03/25 11:24	1

Lab Sample ID: LCS 880-111294/2-A
 Matrix: Solid
 Analysis Batch: 111383

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chloride	250	244.8		mg/Kg		98	90 - 110

Eurofins Carlsbad

QC Sample Results

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-111294/3-A
Matrix: Solid
Analysis Batch: 111383

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.8		mg/Kg		98	90 - 110	0	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

GC VOA

Analysis Batch: 111359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	8021B	111365
890-8258-2	SW-1	Total/NA	Solid	8021B	111365
MB 880-111365/5-A	Method Blank	Total/NA	Solid	8021B	111365
LCS 880-111365/1-A	Lab Control Sample	Total/NA	Solid	8021B	111365
LCSD 880-111365/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111365

Prep Batch: 111365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	5035	
890-8258-2	SW-1	Total/NA	Solid	5035	
MB 880-111365/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111365/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111365/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 111483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	Total BTEX	
890-8258-2	SW-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 111328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-2	SW-1	Total/NA	Solid	8015NM Prep	
MB 880-111328/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111328/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111328/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 111354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	8015NM Prep	
MB 880-111354/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111354/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 111418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-2	SW-1	Total/NA	Solid	8015B NM	111328
MB 880-111328/1-A	Method Blank	Total/NA	Solid	8015B NM	111328
LCS 880-111328/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111328
LCSD 880-111328/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111328

Analysis Batch: 111420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	8015B NM	111354
MB 880-111354/1-A	Method Blank	Total/NA	Solid	8015B NM	111354
LCS 880-111354/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111354
LCSD 880-111354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111354

Eurofins Carlsbad

QC Association Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

GC Semi VOA

Analysis Batch: 111497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Total/NA	Solid	8015 NM	
890-8258-2	SW-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 111294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Soluble	Solid	DI Leach	
890-8258-2	SW-1	Soluble	Solid	DI Leach	
MB 880-111294/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111294/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111294/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 111383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8258-1	CS-1	Soluble	Solid	300.0	111294
890-8258-2	SW-1	Soluble	Solid	300.0	111294
MB 880-111294/1-A	Method Blank	Soluble	Solid	300.0	111294
LCS 880-111294/2-A	Lab Control Sample	Soluble	Solid	300.0	111294
LCSD 880-111294/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111294

Lab Chronicle

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Client Sample ID: CS-1

Lab Sample ID: 890-8258-1

Date Collected: 05/30/25 08:40

Matrix: Solid

Date Received: 06/02/25 08:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111483	06/03/25 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			111497	06/03/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	111354	06/03/25 07:52	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111420	06/03/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 15:42	CH	EET MID

Client Sample ID: SW-1

Lab Sample ID: 890-8258-2

Date Collected: 05/30/25 08:45

Matrix: Solid

Date Received: 06/02/25 08:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	111365	06/03/25 09:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111359	06/03/25 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111483	06/03/25 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			111497	06/03/25 22:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	111328	06/02/25 11:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111418	06/03/25 22:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	111294	06/03/25 09:57	SA	EET MID
Soluble	Analysis	300.0		1			111383	06/03/25 15:50	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Earth Systems Response and Restoration
 Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
 SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Earth Systems Response and Restoration
Project/Site: Exotic Cat 5 CTB 2

Job ID: 890-8258-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8258-1	CS-1	Solid	05/30/25 08:40	06/02/25 08:31	0.25
890-8258-2	SW-1	Solid	05/30/25 08:45	06/02/25 08:31	0-0.25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody



890-8258 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager: Gilbert Moreno
 Company Name: Earth Systems R&R
 Address: 1910 Resource Ct.
 City, State ZIP: Carlsbad, NM, 88220
 Phone: 832-541-7719
 Email: gmoreno@earthsys.net

Bill to: (if different)
 Company Name: Jim Raley
 Address: Devon Energy

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST TRRP Level IV
 Reporting: Level II Level III PST/UST TRRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name:	Exotic Cat 5 CTB 2	Turn Around	Pres. Code	ANALYSIS REQUEST											Preservative Codes								
Project Number:	354	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush													None: NO								
Project Location:	Lea County, NM	Due Date:													COOL: COOL								
Sampler's Name:	Santiago Giron	TAT starts the day received by the lab, if received by 4:30pm													HCL: HC								
CCWO #:	21576516	Temp Blank:	Wet Ice:												H ₂ SO ₄ : H ₂								
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:												H ₃ PO ₄ : HP								
	Samples Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:												NaHSO ₄ : NABIS								
	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃								
	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:												Zn Acetate+NaOH: Zn								
Total Containers:		Corrected Temperature:													NaOH+Ascorbic Acid: SAPC								
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth (feet)	Grab/Comp	# of Cont	TPH -NM	Chloride-NM	BTEX-NM	Hold	24 Hr Rush												Sample Comments
CS-1	S	5.30.25	8.40	0.25	Comp	1	X	X	X														Incident Number
SW-1	S	5.30.25	8.45	0-0.25	Comp	1	X	X	X														NAPP2511832325

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
 Circle Method(s) and Metal(s) to be analyzed

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$8 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature) *[Signature]* Date/Time: 6/2 8:31
 Received by: (Signature) *[Signature]* Date/Time: 6/2 8:31

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8258-1
SDG Number: Lea County, NM

Login Number: 8258

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8258-1
SDG Number: Lea County, NM

Login Number: 8258
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 06/03/25 08:01 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Login Sample Receipt Checklist

Client: Earth Systems Response and Restoration

Job Number: 890-8258-1
SDG Number: Lea County, NM

Login Number: 8258
List Number: 3
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 06/04/25 11:49 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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 557573

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511832325
Incident Name	NAPP2511832325 EXOTIC CAT 5 CTB 2 @ FAPP2308735100
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2308735100] EXOTIC CAT 5 CTB 2

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	EXOTIC CAT 5 CTB 2
Date Release Discovered	04/27/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Separator Produced Water Released: 52 BBL Recovered: 51 BBL Lost: 1 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)	Water keg on 3-phase separator 611H developed pinhole leak. This allowed the release of approx. 52 bbls to lined secondary containment, which fluids were recovered. Approx 1 bbls sprayed on to pad surface.

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 2

Action 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	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	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.
<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	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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/25/2026
--	--

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 3

Action 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	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 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (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	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 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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
<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)	345
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

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	12/02/2025
On what date will (or did) the final sampling or liner inspection occur	12/02/2025
On what date will (or was) the remediation complete(d)	12/02/2025
What is the estimated surface area (in square feet) that will be reclaimed	400
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
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.

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 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

(Select all answers below that apply.)

(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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/25/2026
--	--

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.

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 5

Action 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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 6

Action 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	529500
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/02/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	400

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	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	5
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	200
What was the total volume (in cubic yards) reclaimed	5
Summarize any additional remediation activities not included by answers (above)	Remediation complete

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/25/2026
--	--

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 7

Action 557573

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 557573

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 557573
	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 #nAPP2511832325 EXOTIC CAT 5 CTB 2, thank you. This Remediation Closure Report is approved.	2/25/2026