

Closure Report

BTA Oil Producers, LLC

Maxus West Tank Battery

Lea County, New Mexico

Section 34, Township 22South, Range 34 East

Latitude 32.35354 North, Longitude -103.46078 West

Incident ID: nAPP2204058713

Prepared By:

Charger Services, LLC

23 W. Industrial Loop

Midland, Tx 79701



Marcus Gipson



SITE ASSESSMENT

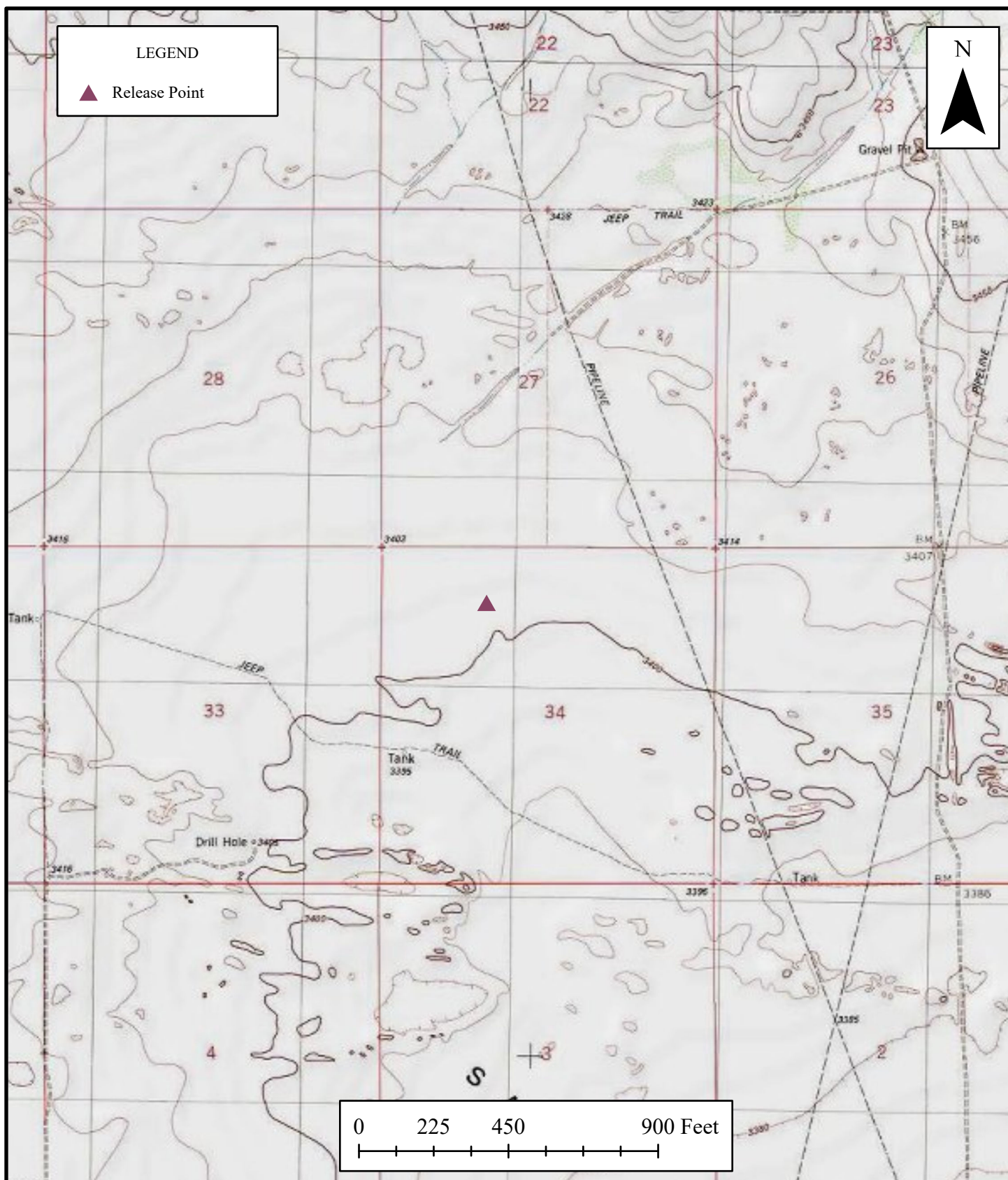
On Monday June 26th, Charger Services conducted an initial site assessment. During a second site assessment, on Tuesday August 8th, four 5pt. composite samples were collected at 0-6 inches and sent to Eurofins Lab in Midland Texas for confirmation testing.

Based on field observations and field test data, all four (4) delineation soil samples (SP1-001, SP2-001, SP3-001, SP4-001) were submitted to the laboratory for analysis of BTEX, TPH and Chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria.

LIMITATIONS

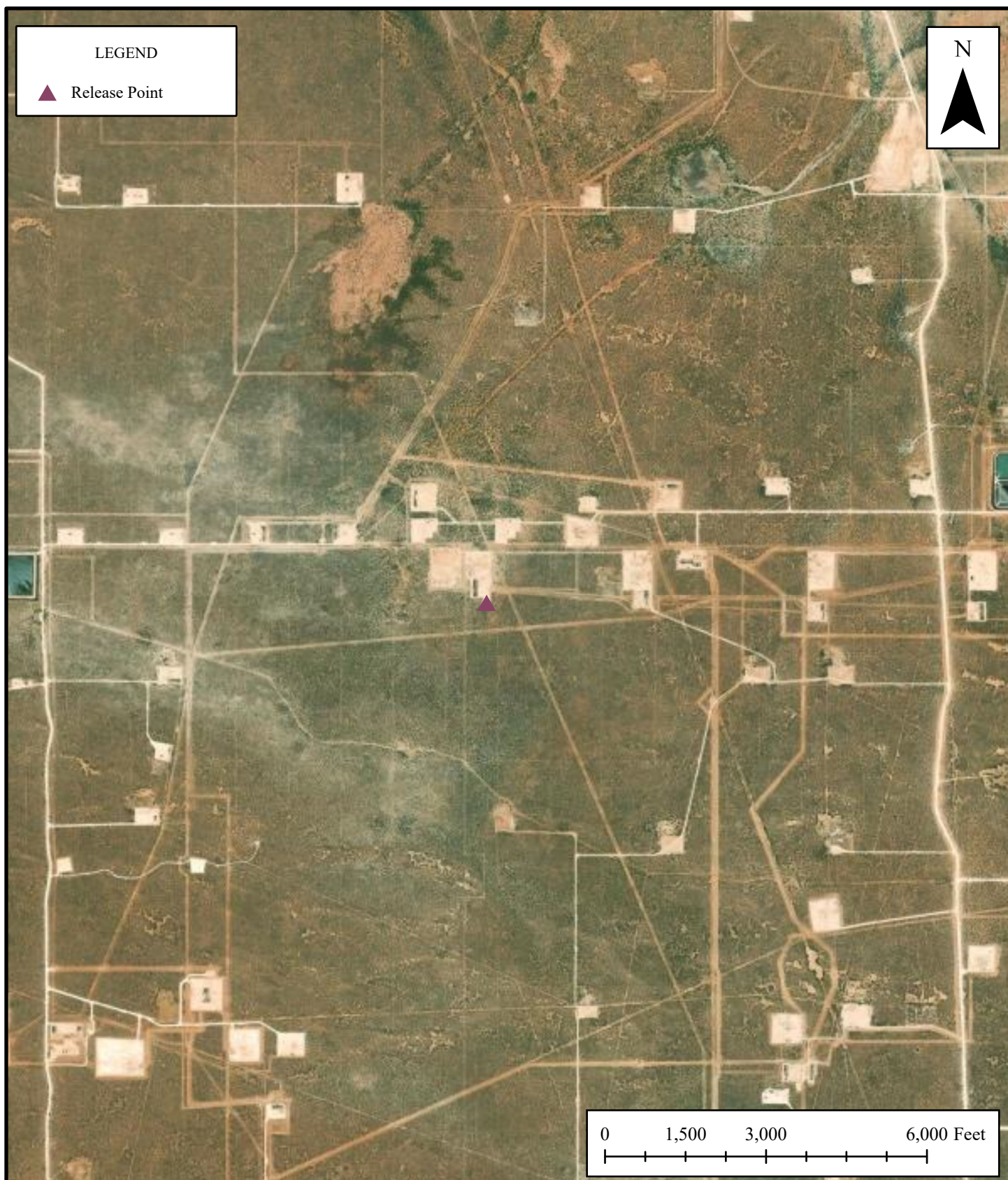
Charger Services, LLC has prepared this Site Assessment Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Charger has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Charger has not conducted an independent examination of the facts contained in referenced materials and statements. Charger has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Charger notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of BTA Oil Producers, LLC. Use of the information contained in this report is prohibited without the consent of Charger and/or BTA Oil Producers, LLC.



Topographic Map
MAXUS WEST
32.35354 N, 103.46078 W
Endeavor Energy Resources

Figure 1




Site Vicinity Map
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers


Figure 2

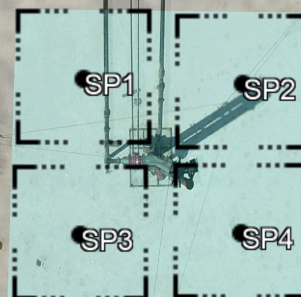
Maxus West

BTA

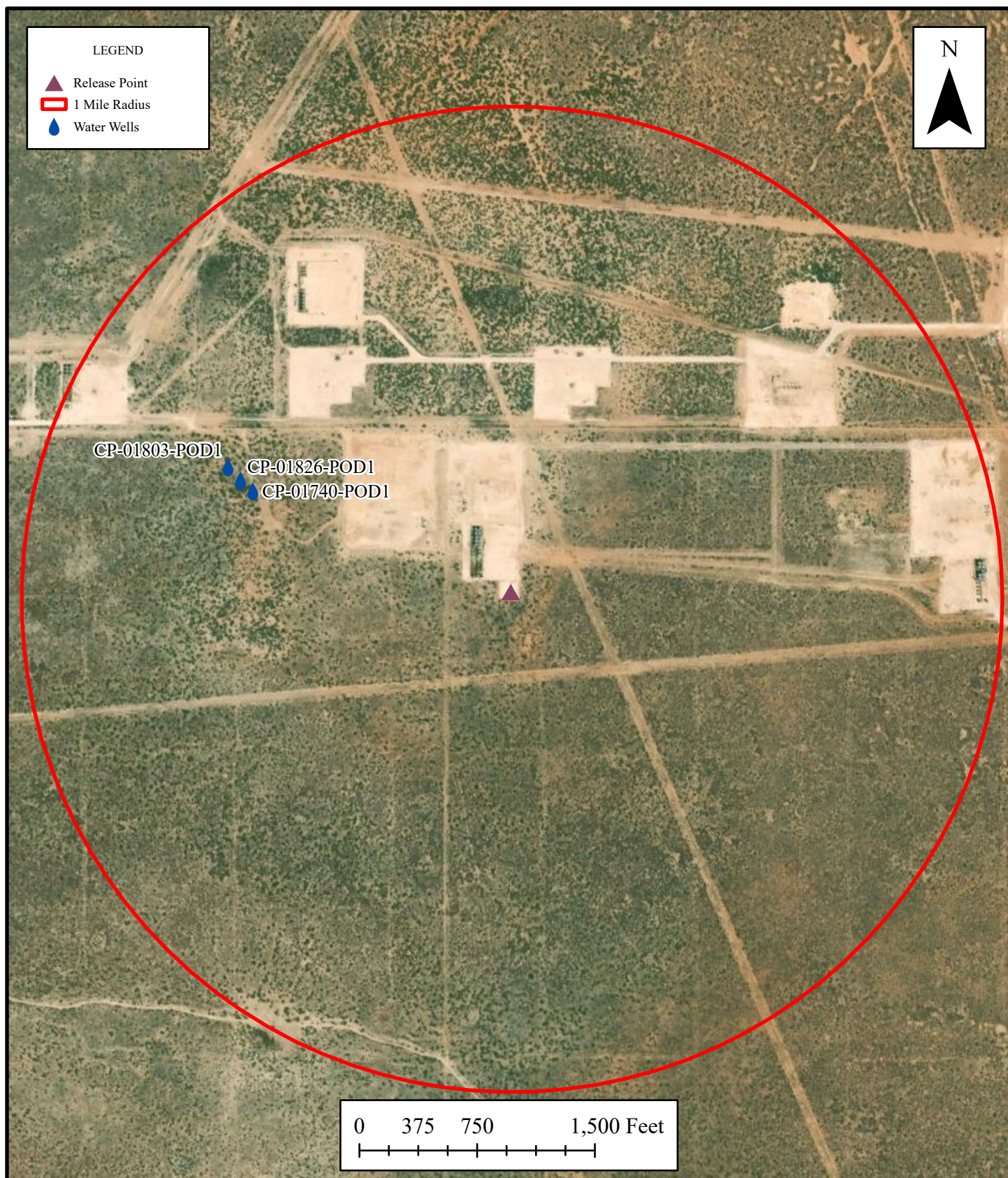
Legend

 700 ft²

 Sample Points

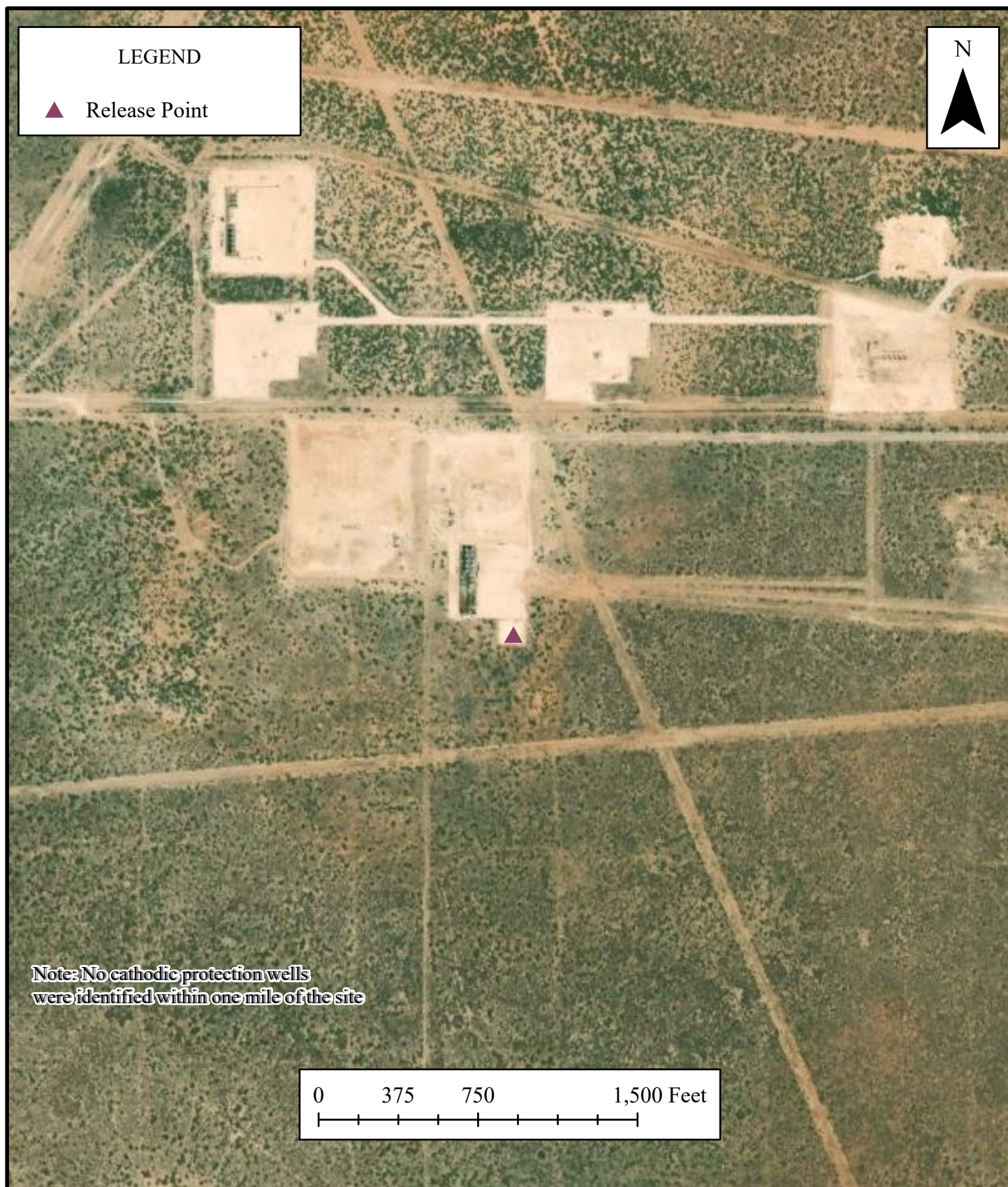


60 ft



**1.0 Mile Radius Water Well
Pod Location Map**
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure A



**Cathodic Protection Well
Recorded Depth to Water**
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure B



**300 Foot Radius Watercourse
and Drainage Identification**
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure C



300 Foot Radius
Occupied Structure Identification
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure D



Water Well and Natural Spring Location

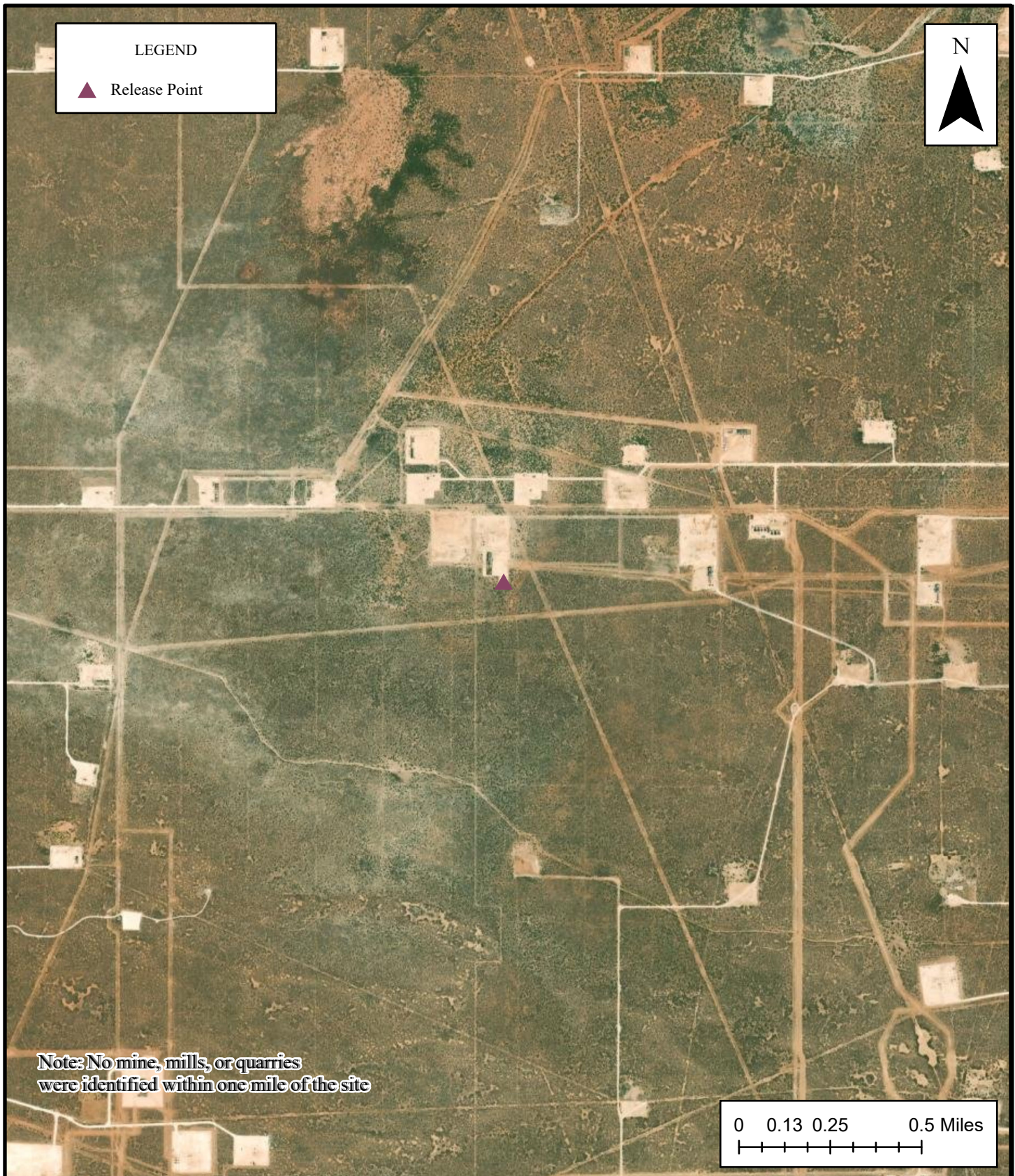
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure E



Wetlands
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure F



Mines, Mill, and Quarries
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure G



100 Year Flood Plain Map
MAXUS WEST
32.35354°N, 103.46078°W
BTA Oil Producers

Figure H

Nearest water well

BTA OIL PRODUCERS, LLC

Legend

- 0.28 Miles
- 0.29 Miles
- 0.50 Mile Radius
- MAXUS WEST TANK BATTERY (02.08.2022)
- NMSEO Water Well



Low Karst

BTA OIL PRODUCERS, LLC

Legend

- Low
- MAXUS WEST TANK BATTERY (02.08.2022)

MAXUS WEST TANK BATTERY (02.08.2022)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
CP 01740 POD1		CP	LE	NW	NW	NW	34	22S	34E	644401.8	3580765.5		443	600	560	40
CP 01826 POD1		CP	LE	NW	NW	NW	34	22S	34E	644379.1	3580778.4		468	698	180	518
CP 01803 POD1		CP	LE	NW	NW	NW	34	22S	34E	644356.8	3580786.1		492	240	180	60
CP 01845 POD1		CP	LE	SE	SE	SW	33	22S	34E	643396.2	3579337.3		1957	880	293	587
CP 01706 POD1		CP	LE	SE	SE	NE	32	22S	34E	642603.4	3580185.5		2281	340	282	58
CP 01705 POD1		CP	LE	SE	SE	NE	32	22S	34E	642587.8	3580179.1		2298	700	305	395
CP 01829 POD1		CP	LE	SE	SE	NE	32	22S	34E	642559.1	3580172.5		2327	1410	1150	260
CP 01844 POD1		CP	LE	SW	SW	SW	33	22S	34E	642763.8	3579308.3		2475	960	295	665
CP 00704		CP	LE		NE	SE	22	22S	34E	645681.0	3583097.0 *		2575	600		
CP 01802 POD1		CP	LE	NE	NE	NE	35	22S	34E	647437.4	3580847.4		2609	200	0	200
CP 01842 POD1		CP	LE	NW	NW	NE	32	22S	34E	641960.2	3580777.3		2875	1083	305	778
CP 01841 POD1		CP	LE	SW	SW	SW	03	23S	34E	644389.5	3577684.8		3013	650	295	355
CP 01684 POD1		CP	LE	NE	NW	SE	23	22S	34E	646932.2	3583129.0		3236	300		
CP 01840 POD1		CP	LE	NW	NW	NW	11	23S	34E	646007.0	3577597.5		3284	969	285	684
CP 00598 POD1		CP	LE		SE	NW	23	22S	34E	646480.0	3583511.0 *		3287	70		
CP 01622 POD1		CP	LE	NW	SW	SW	04	23S	34E	642829.6	3577872.3		3437	575	285	290
CP 02004 POD1		CP	LE	SW	SE	SW	36	22S	34E	648081.4	3579439.3		3471	105		
CP 01847 POD1		CP	LE	NE	NW	SW	32	22S	34E	641372.3	3579964.8		3531	1053	307	746
CP 01718 POD1		CP	LE	NE	SW	SW	24	22S	34E	647700.1	3582811.2		3580	1172	855	317
CP 01683 POD1		CP	LE	NE	SW	NE	23	22S	34E	646949.4	3583562.0		3587	300		
CP 01843 POD1		CP	LE	NW	NW	NW	32	22S	34E	641163.2	3580761.8		3672	1124	310	814
CP 01973 POD1		CP	LE	SE	NE	SE	30	22S	34E	641032.7	3581307.9		3855	55		
CP 00865 POD1		CP	LE	NE	NE	SW	20	22S	34E	641845.3	3583118.5		3866	885	605	280
CP 01719 POD1		CP	LE	SE	SE	SW	24	22S	34E	648215.0	3582680.2		3936	1173	838	335

Average Depth to Water: **407 feet**

Minimum Depth: **0 feet**

Maximum Depth: **1150 feet**

Record Count: 24

UTM Filters (in meters):

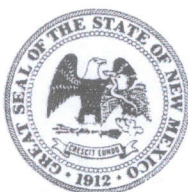
Easting: 644834.00

Northing: 3580665.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

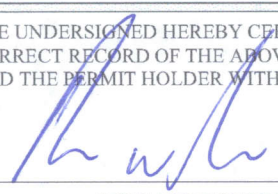
2019 OCT 17 PM 1:22

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1740-POD1		WELL TAG ID NO.		OSE FILE NO(S).			
	WELL OWNER NAME(S) Limestone Basin Properties Ranch, LLC				PHONE (OPTIONAL) 210-835-8057			
	WELL OWNER MAILING ADDRESS 3300 N. A Street, Bldg. 1, Ste. 220				CITY Midland	STATE TX	ZIP 79705	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 21	SECONDS 16.2 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706		NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation		
	DRILLING STARTED 03/15/19	DRILLING ENDED 09/26/19	DEPTH OF COMPLETED WELL (FT) 600	BORE HOLE DEPTH (FT) 700	DEPTH WATER FIRST ENCOUNTERED (FT) 560			
	COMPLETED WELL IS: <input checked="" type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 305			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" 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:							
	DEPTH (feet bgl) FROM TO		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)
	+1	20	20	ASTM53 Grade B	Welded	15.5	.25	
	+3	300	14.75	ASTM53 Grade B	Welded	8.125	.25	
	300	600	14.75	SDR17 PVC Screen	Spline	7.6	.51	.032
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	0	20	20	Portland I/II Cement	16	Tremie		
	+1	295	14.75	Portland I/II Cement	245	Tremie		
	295	600	14.75	Silica Sand 8/16	273	Pour		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. CP-1740	POD NO. 1	TRN NO. 637130
LOCATION 111 T22S R34E Sec 34	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	Sandy Topsoil	Y ✓ N	
	10	50	40	Caliche	Y ✓ N	
	50	85	35	Red/Brown Clay	Y ✓ N	
	85	210	125	Tan/Brown/White Sandstone	Y ✓ N	
	210	420	210	Red/Brown Clay	Y ✓ N	
	420	520	100	Red Clay/Red Siltstone	Y ✓ N	
	520	580	60	Red/Gray Sandstone with Gray Clay	✓ Y N	60.00
	580	640	60	Reddish-Brown Clay	Y ✓ N	
	640	700	60	Red Clay/Red Siltstone	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 60.00	
<input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:  Bryce Wallace 10/14/2019 SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE					

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. CP-1740	POD NO. 1	TRN NO. 637130
LOCATION 111 T22S R34E Sec 34	WELL TAG ID NO. NA	PAGE 2 OF 2

OSE DTI JUN 22 2020 PM 2:24



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1826-POD1		WELL TAG ID NO.		OSE FILE NO(S)			
	WELL OWNER NAME(S) Limestone Basin Properties Ranch, LLC					PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 3300 N. A Street, Bldg. 1, Ste. 220					CITY Midland	STATE TX	
						ZIP 79705		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 21	SECONDS 16.63	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	27	56.16	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706		NAME OF LICENSED DRILLER Bryce Wallace			NAME OF WELL DRILLING COMPANY Elite Drillers Corporation		
	DRILLING STARTED 12/12/2019	DRILLING ENDED 05/20/2020	DEPTH OF COMPLETED WELL (FT) 698	BORE HOLE DEPTH (FT) 1700	DEPTH WATER FIRST ENCOUNTERED (FT) 180			
	COMPLETED WELL IS: <input checked="" type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 302		
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" 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:							
	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						
	0	280	20	ASTM53 Grade B	Welded	12.19	.28	
	0	498	12.25	ASTM53 Grade B	Welded	6.065	.28	
	498	698	12.25	ASTM53 Grade B	Welded	6.065	.28	.050
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	280	20	Portland I/II Cement	370	Tremie		
	0	360	12.25	Portland I/II Cement	362	Tremie		
	360	698	12.25	Silica Sand 8/16	195	Pour		

FOR OSE INTERNAL USE

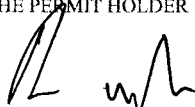
WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	CP-1826	POD NO.	1	TRN NO.	663953
LOCATION	111 T22S R34E sec34	WELL TAG ID NO.	NA	PAGE 1 OF 2	

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4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	Sandy Topsoil	Y ✓ N	
	10	50	40	Caliche	Y ✓ N	
	50	85	35	Red/Brown Clay	Y ✓ N	
	85	210	125	Tan/Brown/White Sandstone	✓ Y N	1.00
	210	420	210	Red/Brown Clay	Y ✓ N	
	420	520	100	Red Clay/Red Siltstone	Y ✓ N	
	520	580	60	Red/Gray Sandstone with Gray Clay	✓ Y N	60.00
	580	640	60	Redish-Brown Clay	Y ✓ N	
	640	670	30	Red Clay/Red Siltstone	Y ✓ N	
	670	690	20	Red/Brown Sandstone	✓ Y N	60.00
	690	780	90	Red Siltstone/Clay	Y ✓ N	
	780	1020	240	Red/Brown/Tan Sandstone with Red Clay Stringers	Y ✓ N	
	1020	1550	530	Red Siltstone with Red Sandstone Stringers, some Red Clay	Y ✓ N	
	1550	1630	80	Red Siltstone, Gray Clay Fragments	Y ✓ N	
	1630	1700	70	Gray Clay	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 121.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Borehole drilled to 1700', then plugged back from 1700' to 700' with Portland I/II/V. Total volume of 360 cubic feet.	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

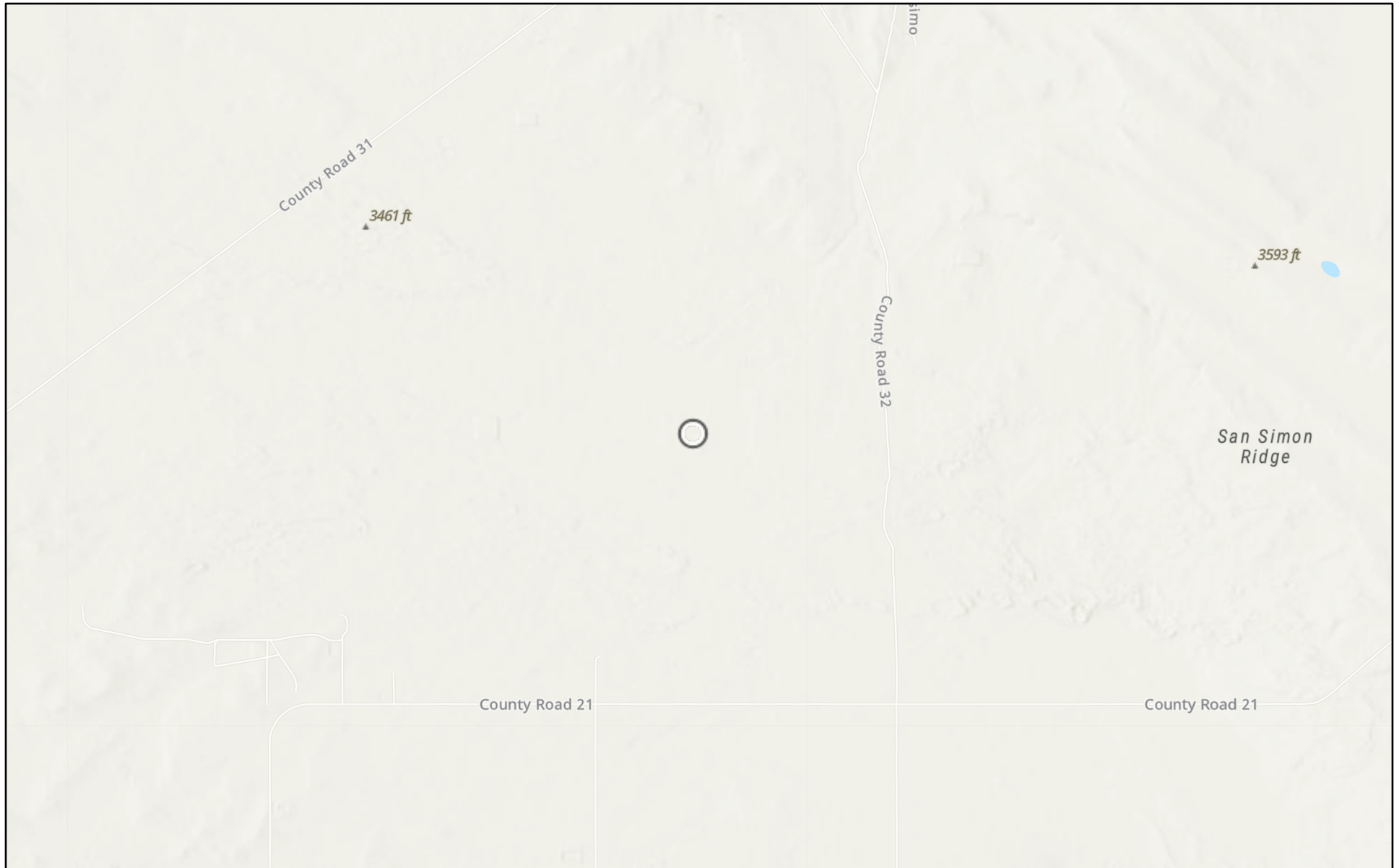
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Bryce Wallace SIGNATURE OF DRILLER / PRINT SIGNED NAME	06/15/20 DATE

FOR USE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/2017)

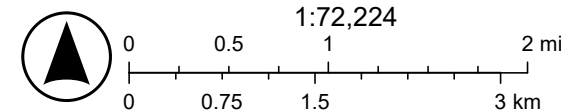
FILE NO. CP-1826	POD NO. 1	TRN NO. 663953
LOCATION 111 T22S R34E sec34	WELL TAG ID NO. NA	PAGE 2 OF 2

MAXUS WEST TANK BATTERY (02.08.2022)



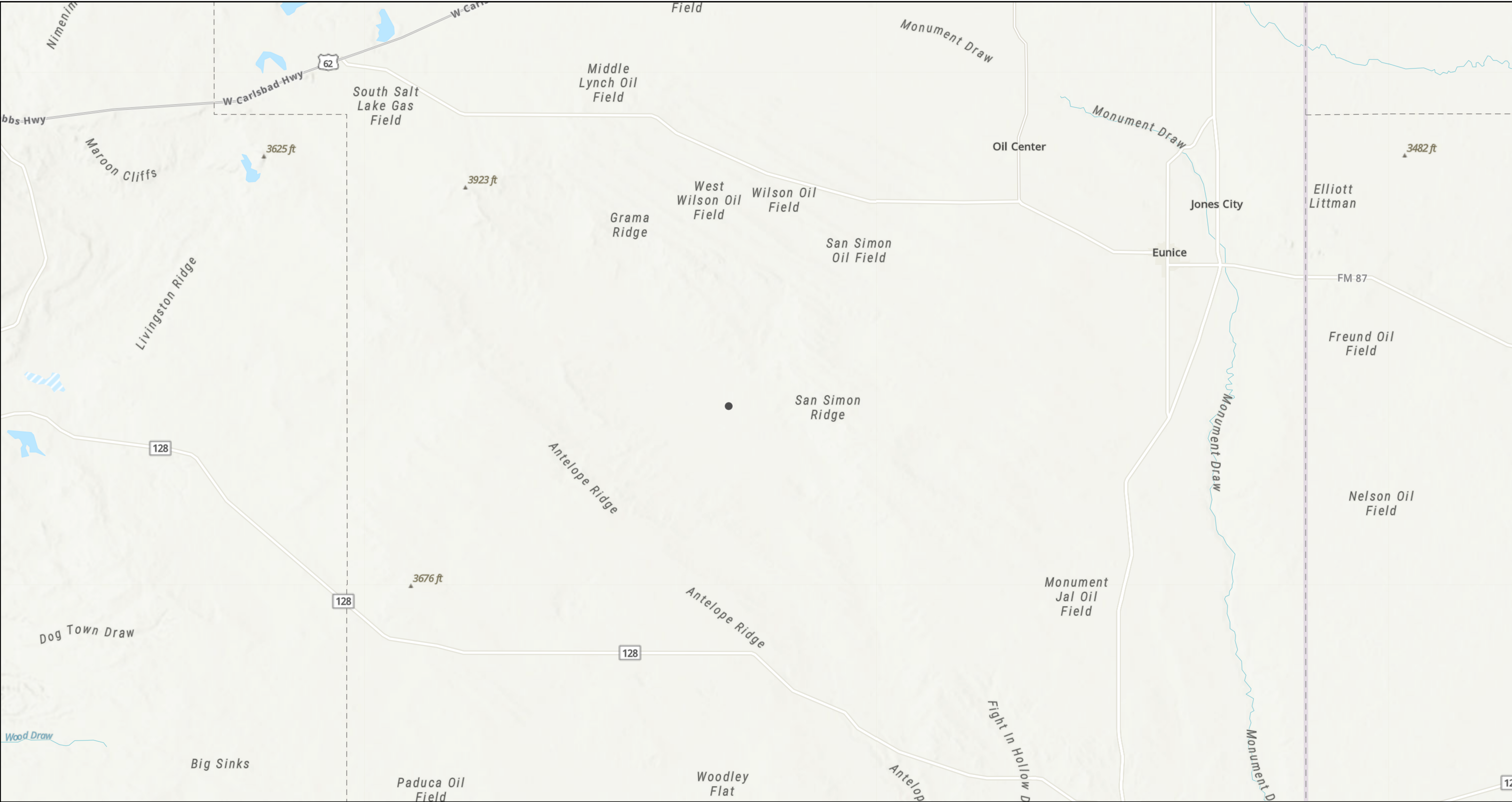
7/7/2025

World_Hillshade



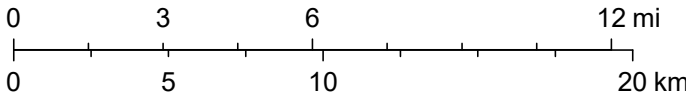
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

MAXUS WEST TANK BATTERY (02.08.2022)



7/8/2025, 8:09:17 AM

1:288,895



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Charger Services

Photographic Log

Date: 8/8/2023

Maxus West
Lea County



Charger Services

Photographic Log

Maxus West
Lea County

Date: 8/8/2023



Table I
Analytical Results
Maxus West

		Analytical Methods											
		8015M NM				8260B NM							300
SAMPLE DATE	SAMPLE IDENTIFICATION	Total TPH	C6 - C10 mg/Kg	C10 - C28 mg/Kg	C28 - C36 mg/Kg	BENZEN Em g/Kg	ETHYLBENZEN Em g/Kg	TOLUE NE mg/Kg	m, p XYLEN ES mg/Kg	o XYLEN ES mg/Kg	Total XYLENE	Total BTEX	Chlori des mg/K g
8/8/2023	SP1-001	<50.1	<50.1	50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00199	<0.00398	0.00398	46.7
8/8/2023	SP2-001	56.4	<50.1	56.4	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00202	<0.00403	<0.00403	93.4
8/8/2023	SP3-001	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00198	<0.00397	<0.00397	83.6
8/8/2023	SP4-001	122	<50.0	122	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00198	<0.00396	<0.00396	53.4



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Marcus Gipson
Charger Rentals
23 West Industrial Loop
Midland, Texas 79701

Generated 8/21/2023 11:28:43 AM

JOB DESCRIPTION

Maxus West
SDG NUMBER New Mexico

JOB NUMBER

880-31828-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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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



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Client: Charger Rentals
Project/Site: Maxus West

Laboratory Job ID: 880-31828-1
SDG: New Mexico

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Definitions/Glossary

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
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.

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: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Job ID: 880-31828-1

Laboratory: Eurofins Midland

Narrative	
	Job Narrative 880-31828-1

Receipt

The samples were received on 8/9/2023 8:28 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 2.7°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SP1-001 (880-31828-1), SP2-001 (880-31828-2), SP3-001 (880-31828-3) and SP4-001 (880-31828-4).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SP1-001 (880-31828-1), (MB 880-60488/5-A) and (MB 880-60566/5-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-60420/5). Evidence of matrix interferences is not obvious.

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.

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Client Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP1-001

Lab Sample ID: 880-31828-1

Date Collected: 08/08/23 10:35

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/23 13:58	08/19/23 14:03	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/23 13:58	08/19/23 14:03	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/23 13:58	08/19/23 14:03	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/23 13:58	08/19/23 14:03	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/23 13:58	08/19/23 14:03	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/23 13:58	08/19/23 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	13	S1-	70 - 130	08/17/23 13:58	08/19/23 14:03	1
1,4-Difluorobenzene (Surr)	110		70 - 130	08/17/23 13:58	08/19/23 14:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			08/21/23 11:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			08/18/23 09:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		08/16/23 17:18	08/17/23 14:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		08/16/23 17:18	08/17/23 14:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		08/16/23 17:18	08/17/23 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	08/16/23 17:18	08/17/23 14:23	1
o-Terphenyl (Surr)	95		70 - 130	08/16/23 17:18	08/17/23 14:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.7		5.02	mg/Kg			08/10/23 15:38	1

Client Sample ID: SP2-001

Lab Sample ID: 880-31828-2

Date Collected: 08/08/23 10:40

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/18/23 09:22	08/19/23 09:01	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/18/23 09:22	08/19/23 09:01	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/18/23 09:22	08/19/23 09:01	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/18/23 09:22	08/19/23 09:01	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/18/23 09:22	08/19/23 09:01	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/18/23 09:22	08/19/23 09:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/18/23 09:22	08/19/23 09:01	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP2-001

Lab Sample ID: 880-31828-2

Date Collected: 08/08/23 10:40

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	93		70 - 130	08/18/23 09:22	08/19/23 09:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			08/21/23 11:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.4		50.1	mg/Kg			08/18/23 09:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		08/16/23 17:18	08/17/23 14:47	1
Diesel Range Organics (Over C10-C28)	56.4		50.1	mg/Kg		08/16/23 17:18	08/17/23 14:47	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		08/16/23 17:18	08/17/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			08/16/23 17:18	08/17/23 14:47	1
o-Terphenyl (Surr)	99		70 - 130			08/16/23 17:18	08/17/23 14:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.4		4.98	mg/Kg			08/10/23 15:55	1

Client Sample ID: SP3-001

Lab Sample ID: 880-31828-3

Date Collected: 08/08/23 10:45

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:21	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		08/18/23 09:22	08/19/23 09:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:21	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		08/18/23 09:22	08/19/23 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/18/23 09:22	08/19/23 09:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/18/23 09:22	08/19/23 09:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			08/21/23 11:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			08/18/23 09:32	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP3-001

Lab Sample ID: 880-31828-3

Date Collected: 08/08/23 10:45

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 15:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 15:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 15:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130			08/16/23 17:18	08/17/23 15:10	1
o-Terphenyl (Surr)	110		70 - 130			08/16/23 17:18	08/17/23 15:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.6		5.05	mg/Kg			08/10/23 16:01	1

Client Sample ID: SP4-001

Lab Sample ID: 880-31828-4

Date Collected: 08/08/23 10:50

Matrix: Solid

Date Received: 08/09/23 08:28

Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		08/18/23 09:22	08/19/23 09:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			08/18/23 09:22	08/19/23 09:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130			08/18/23 09:22	08/19/23 09:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			08/21/23 11:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	122		50.0	mg/Kg			08/18/23 09:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 15:57	1
Diesel Range Organics (Over C10-C28)	122		50.0	mg/Kg		08/16/23 17:18	08/17/23 15:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130			08/16/23 17:18	08/17/23 15:57	1
o-Terphenyl (Surr)	102		70 - 130			08/16/23 17:18	08/17/23 15:57	1

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Client Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP4-001
Date Collected: 08/08/23 10:50
Date Received: 08/09/23 08:28
Sample Depth: 0-6"

Lab Sample ID: 880-31828-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	53.4		4.99	mg/Kg			08/10/23 16:06	1	

Surrogate Summary

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-31828-1	SP1-001	13 S1-	110
880-31828-2	SP2-001	97	93
880-31828-3	SP3-001	97	93
880-31828-4	SP4-001	90	97
LCS 880-60488/1-A	Lab Control Sample	86	93
LCS 880-60548/1-A	Lab Control Sample	121	97
LCSD 880-60488/2-A	Lab Control Sample Dup	93	87
LCSD 880-60548/2-A	Lab Control Sample Dup	104	90
MB 880-60474/5-A	Method Blank	102	119
MB 880-60488/5-A	Method Blank	65 S1-	96
MB 880-60548/5-A	Method Blank	105	106
MB 880-60566/5-A	Method Blank	57 S1-	0.1 S1-
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 (70-130)	OTPH1 (70-130)
880-31828-1	SP1-001	90	95
880-31828-2	SP2-001	94	99
880-31828-3	SP3-001	101	110
880-31828-4	SP4-001	95	102
LCS 880-60398/2-A	Lab Control Sample	89	91
LCSD 880-60398/3-A	Lab Control Sample Dup	83	85
MB 880-60398/1-A	Method Blank	105	114
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-60474/5-A

Matrix: Solid

Analysis Batch: 60526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60474

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:33	08/18/23 12:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:33	08/18/23 12:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:33	08/18/23 12:08	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/23 13:33	08/18/23 12:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:33	08/18/23 12:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/23 13:33	08/18/23 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/17/23 13:33	08/18/23 12:08	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/17/23 13:33	08/18/23 12:08	1

Lab Sample ID: MB 880-60488/5-A

Matrix: Solid

Analysis Batch: 60527

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60488

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:58	08/19/23 04:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:58	08/19/23 04:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:58	08/19/23 04:10	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/23 13:58	08/19/23 04:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/23 13:58	08/19/23 04:10	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/23 13:58	08/19/23 04:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	08/17/23 13:58	08/19/23 04:10	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/17/23 13:58	08/19/23 04:10	1

Lab Sample ID: LCS 880-60488/1-A

Matrix: Solid

Analysis Batch: 60527

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60488

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09308		mg/Kg		93	70 - 130
Toluene	0.100	0.09011		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08683		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1674		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08564		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-60488/2-A

Matrix: Solid

Analysis Batch: 60527

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60488

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08411		mg/Kg		84	70 - 130	10	35

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QC Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

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

Lab Sample ID: LCSD 880-60488/2-A

Matrix: Solid

Analysis Batch: 60527

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60488

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08904		mg/Kg		89	70 - 130	1	35
Ethylbenzene	0.100	0.08917		mg/Kg		89	70 - 130	3	35
m,p-Xylenes	0.200	0.1716		mg/Kg		86	70 - 130	2	35
o-Xylene	0.100	0.08590		mg/Kg		86	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: MB 880-60548/5-A

Matrix: Solid

Analysis Batch: 60526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60548

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/18/23 09:22	08/19/23 02:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/18/23 09:22	08/19/23 02:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/18/23 09:22	08/19/23 02:16	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/18/23 09:22	08/19/23 02:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/18/23 09:22	08/19/23 02:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/18/23 09:22	08/19/23 02:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/18/23 09:22	08/19/23 02:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/18/23 09:22	08/19/23 02:16	1

Lab Sample ID: LCS 880-60548/1-A

Matrix: Solid

Analysis Batch: 60526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1225		mg/Kg		123	70 - 130
Toluene	0.100	0.1073		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1199		mg/Kg		120	70 - 130
m,p-Xylenes	0.200	0.2283		mg/Kg		114	70 - 130
o-Xylene	0.100	0.09771		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-60548/2-A

Matrix: Solid

Analysis Batch: 60526

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1169		mg/Kg		117	70 - 130	5	35
Toluene	0.100	0.1062		mg/Kg		106	70 - 130	1	35
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130	5	35

Eurofins Midland

QC Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

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

Lab Sample ID: LCSD 880-60548/2-A

Matrix: Solid

Analysis Batch: 60526

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	0.200	0.2143		mg/Kg		107	70 - 130	6	35
o-Xylene	0.100	0.09471		mg/Kg		95	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-60566/5-A

Matrix: Solid

Analysis Batch: 60527

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60566

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/18/23 10:40	08/18/23 14:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/18/23 10:40	08/18/23 14:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/18/23 10:40	08/18/23 14:19	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/18/23 10:40	08/18/23 14:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/18/23 10:40	08/18/23 14:19	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/18/23 10:40	08/18/23 14:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130	08/18/23 10:40	08/18/23 14:19	1
1,4-Difluorobenzene (Surr)	0.1	S1-	70 - 130	08/18/23 10:40	08/18/23 14:19	1

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

Lab Sample ID: MB 880-60398/1-A

Matrix: Solid

Analysis Batch: 60420

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60398

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 08:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 08:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/16/23 17:18	08/17/23 08:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	08/16/23 17:18	08/17/23 08:08	1
o-Terphenyl (Surr)	114		70 - 130	08/16/23 17:18	08/17/23 08:08	1

Lab Sample ID: LCS 880-60398/2-A

Matrix: Solid

Analysis Batch: 60420

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	809.0		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	828.9		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

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

Lab Sample ID: LCS 880-60398/2-A
Matrix: Solid
Analysis Batch: 60420

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 60398

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-60398/3-A
Matrix: Solid
Analysis Batch: 60420

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 60398

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10		1000	827.6		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)		1000	812.6		mg/Kg		81	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-59757/2-A
Matrix: Solid
Analysis Batch: 59866

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride		250	230.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-59757/3-A
Matrix: Solid
Analysis Batch: 59866

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	236.3		mg/Kg		95	90 - 110	3	20

Lab Sample ID: 880-31828-1 MS
Matrix: Solid
Analysis Batch: 59866

Client Sample ID: SP1-001
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	46.7		251	281.9		mg/Kg		94	90 - 110

Lab Sample ID: 880-31828-1 MSD
Matrix: Solid
Analysis Batch: 59866

Client Sample ID: SP1-001
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.7		251	279.9		mg/Kg		93	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

GC VOA

Prep Batch: 60474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-60474/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 60488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	5035	
MB 880-60488/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-60488/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-60488/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 60526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-2	SP2-001	Total/NA	Solid	8021B	60548
880-31828-3	SP3-001	Total/NA	Solid	8021B	60548
880-31828-4	SP4-001	Total/NA	Solid	8021B	60548
MB 880-60474/5-A	Method Blank	Total/NA	Solid	8021B	60474
MB 880-60548/5-A	Method Blank	Total/NA	Solid	8021B	60548
LCS 880-60548/1-A	Lab Control Sample	Total/NA	Solid	8021B	60548
LCSD 880-60548/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	60548

Analysis Batch: 60527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	8021B	60488
MB 880-60488/5-A	Method Blank	Total/NA	Solid	8021B	60488
MB 880-60566/5-A	Method Blank	Total/NA	Solid	8021B	60566
LCS 880-60488/1-A	Lab Control Sample	Total/NA	Solid	8021B	60488
LCSD 880-60488/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	60488

Prep Batch: 60548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-2	SP2-001	Total/NA	Solid	5035	
880-31828-3	SP3-001	Total/NA	Solid	5035	
880-31828-4	SP4-001	Total/NA	Solid	5035	
MB 880-60548/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-60548/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-60548/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 60566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-60566/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 60710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	Total BTEX	
880-31828-2	SP2-001	Total/NA	Solid	Total BTEX	
880-31828-3	SP3-001	Total/NA	Solid	Total BTEX	
880-31828-4	SP4-001	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

GC Semi VOA

Prep Batch: 60398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	8015NM Prep	
880-31828-2	SP2-001	Total/NA	Solid	8015NM Prep	
880-31828-3	SP3-001	Total/NA	Solid	8015NM Prep	
880-31828-4	SP4-001	Total/NA	Solid	8015NM Prep	
MB 880-60398/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-60398/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-60398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 60420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	8015B NM	60398
880-31828-2	SP2-001	Total/NA	Solid	8015B NM	60398
880-31828-3	SP3-001	Total/NA	Solid	8015B NM	60398
880-31828-4	SP4-001	Total/NA	Solid	8015B NM	60398
MB 880-60398/1-A	Method Blank	Total/NA	Solid	8015B NM	60398
LCS 880-60398/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	60398
LCSD 880-60398/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	60398

Analysis Batch: 60551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Total/NA	Solid	8015 NM	
880-31828-2	SP2-001	Total/NA	Solid	8015 NM	
880-31828-3	SP3-001	Total/NA	Solid	8015 NM	
880-31828-4	SP4-001	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 59757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Soluble	Solid	DI Leach	
880-31828-2	SP2-001	Soluble	Solid	DI Leach	
880-31828-3	SP3-001	Soluble	Solid	DI Leach	
880-31828-4	SP4-001	Soluble	Solid	DI Leach	
LCS 880-59757/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59757/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31828-1 MS	SP1-001	Soluble	Solid	DI Leach	
880-31828-1 MSD	SP1-001	Soluble	Solid	DI Leach	

Analysis Batch: 59866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31828-1	SP1-001	Soluble	Solid	300.0	59757
880-31828-2	SP2-001	Soluble	Solid	300.0	59757
880-31828-3	SP3-001	Soluble	Solid	300.0	59757
880-31828-4	SP4-001	Soluble	Solid	300.0	59757
LCS 880-59757/2-A	Lab Control Sample	Soluble	Solid	300.0	59757
LCSD 880-59757/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59757
880-31828-1 MS	SP1-001	Soluble	Solid	300.0	59757
880-31828-1 MSD	SP1-001	Soluble	Solid	300.0	59757

Eurofins Midland

Lab Chronicle

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP1-001

Lab Sample ID: 880-31828-1

Date Collected: 08/08/23 10:35

Matrix: Solid

Date Received: 08/09/23 08:28

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	60488	08/17/23 13:58	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60527	08/19/23 14:03	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			60710	08/21/23 11:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60551	08/18/23 09:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	60398	08/16/23 17:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60420	08/17/23 14:23	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59757	08/09/23 12:58	KS	EET MID
Soluble	Analysis	300.0		1			59866	08/10/23 15:38	CH	EET MID

Client Sample ID: SP2-001

Lab Sample ID: 880-31828-2

Date Collected: 08/08/23 10:40

Matrix: Solid

Date Received: 08/09/23 08:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	60548	08/18/23 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60526	08/19/23 09:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			60710	08/21/23 11:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60551	08/18/23 09:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	60398	08/16/23 17:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60420	08/17/23 14:47	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59757	08/09/23 12:58	KS	EET MID
Soluble	Analysis	300.0		1			59866	08/10/23 15:55	CH	EET MID

Client Sample ID: SP3-001

Lab Sample ID: 880-31828-3

Date Collected: 08/08/23 10:45

Matrix: Solid

Date Received: 08/09/23 08:28

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	60548	08/18/23 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60526	08/19/23 09:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			60710	08/21/23 11:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			60551	08/18/23 09:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	60398	08/16/23 17:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60420	08/17/23 15:10	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59757	08/09/23 12:58	KS	EET MID
Soluble	Analysis	300.0		1			59866	08/10/23 16:01	CH	EET MID

Client Sample ID: SP4-001

Lab Sample ID: 880-31828-4

Date Collected: 08/08/23 10:50

Matrix: Solid

Date Received: 08/09/23 08:28

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	60548	08/18/23 09:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	60526	08/19/23 09:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			60710	08/21/23 11:16	AJ	EET MID

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Lab Chronicle

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Client Sample ID: SP4-001
Date Collected: 08/08/23 10:50
Date Received: 08/09/23 08:28

Lab Sample ID: 880-31828-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			60551	08/18/23 09:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	60398	08/16/23 17:18	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	60420	08/17/23 15:57	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59757	08/09/23 12:58	KS	EET MID
Soluble	Analysis	300.0		1			59866	08/10/23 16:06	CH	EET MID

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

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Accreditation/Certification Summary

Client: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

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	T104704400-23-26	06-30-24

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: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

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: Charger Rentals
Project/Site: Maxus West

Job ID: 880-31828-1
SDG: New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-31828-1	SP1-001	Solid	08/08/23 10:35	08/09/23 08:28	0-6"
880-31828-2	SP2-001	Solid	08/08/23 10:40	08/09/23 08:28	0-6"
880-31828-3	SP3-001	Solid	08/08/23 10:45	08/09/23 08:28	0-6"
880-31828-4	SP4-001	Solid	08/08/23 10:50	08/09/23 08:28	0-6"

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- 11
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- 14

[illegible]

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3333
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody



880-31828 Chain of Custody

www.xenco.com Page 5

Project Manager:	Marcus Gipson	Bill to: (if different)	Charger Services
Company Name:	Charger Services	Company Name:	
Address:	23 W Industrial Loop Midland, TX 79701	Address:	
City, State ZIP:	(432) 557-4822	City, State ZIP:	
Phone:		Email:	Marcus.gipson@chargerservices.com

Project Name:		Turn Around		ANALYSIS REQUEST																
Project Number:	NEW MEXICO	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Prior Code															
Project Location:	Shelton Holmsee	Due Date:	TAT starts the day received by the lab, if received by 4:30pm																	
Sampler's Name:																				

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No		Preservative Codes	
Samples Received Inact:	Yes No	Thermometer ID:									None NO
Cooler Custody Seals:	Yes No N/A	Correction Factor:									Cool Cool MeOH Me
Sample Custody Seals:	Yes No N/A	Temperature Reading:									HCL HC HNO ₃ HN
Total Containers:		Corrected Temperature:									H ₂ SO ₄ H ₂ NaOH Na

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grb/Cont	# of Cont	CHLORIDE E300	BTEX 8021 B	TPH MODIFIED EXT																	Sample Comments
SP1-001	Soil	8/8/23	10 35	0-6"	C	1																				
SP2-001	Soil	8/8/23	10 40	0-6"	C	1																				
SP3-001	Soil	8/8/23	10 45	0-6"	C	1																				
SP4-001	Soil	8/8/23	10 50	0-6"	C	1																				

Total 2007 / 6010 2008 / 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

Citide Method(s) and Metal(s) to be analyzed: TCP / SPLP 6010 . 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U HQ 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenocon. Its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenocon 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 Xenocon. A minimum charge of \$45 per sample will be applied to each project and a charge of \$5 per sample submitted to Eurofins Xenocon, but not analyzed. These items will be added unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[Signature]	[Signature]	8/4/23	[Signature]	[Signature]	

Login Sample Receipt Checklist

Client: Charger Rentals

Job Number: 880-31828-1

SDG Number: New Mexico

Login Number: 31828

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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").	True	

Nelson,

Thank you for taking the time to call me this morning, as discussed, I have attached a sample map for the Maxus West (nAPP2204058713). The sample area of 700 ft² will have a total of 4 composite samples collected. All four 5pt. composite samples will be taken at 0-6", field tested and sent to Eurofins for confirmation. Sampling is scheduled for Tuesday August 8th. Please let me know if you have any questions or concerns.

Best,
Marcus

Marcus Gipson
Environmental Project Manager
Charger Services, LLC

(432) 557-4822 | www.chargerservices.com

marcus.gipson@chargerservices.com

[23 W Industrial Loop, Midland, TX 79701](#)

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Ashton Thielke

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Sent: Wednesday, July 9, 2025 12:50 PM
To: Ashton Thielke
Cc: Mike Carmona; Noah Tinker
Subject: RE: [EXTERNAL] BTA Oil - NAPP2204058713 - MAXUS WEST TANK BATTERY (02.08.2022) - Variance Request

Good Afternoon Ashton,

The variance request regarding NMAC 19.15.29.12.D.1.A is approved. Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

Thank you,
Scott

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: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Tuesday, July 8, 2025 9:00 AM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Noah Tinker <ntinker@btaoil.com>
Subject: [EXTERNAL] BTA Oil - NAPP2204058713 - MAXUS WEST TANK BATTERY (02.08.2022) - Variance Request

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

Good morning Scott,

I am assisting BTA Oil Producers (260297) on a few historical releases and the above mentioned incident is one on the list.

After reviewing application 332536, I can see the original submission did not fill out all appropriate portions of the NMOCD portal (Site Characterization, Remediation Plan, Remediation Closure...etc).

"This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example the answer "No" was selected when requesting a remediation plan approval; however, your attachments indicate that your intent is to request a remediation closure report approval. Please review the December 1, 2023 Public Notice titled "Implementation of Digital C-141 and New Incident Statuses" found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance."

Due to the recent changes to the NMOCD portal in relation to when this incident occurred and when composite confirmation sampling occurred (noted on page 2, 18-20, & 42 of the closure report associated with application 332536) on August 8, 2023, a C-141N was never placed.

On behalf of BTA Oil Producers, Carmona Resources is requesting a variance to NMAC 19.15.29.12.D.1.A (2 business day notification via NMOCD web portal)

Prior to the resubmission of the closure report associated with application 332536, I am instructing Mr. Noah Tinker to place a retroactive C-141N for August 8, 2023 so that the submission process will go smoothly. I will also include this email correspondence at the very end of the newly submitted closure report.

Please let me know if you have any questions!

Thanks!

Ashton Thielke
Environmental Manager
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com
[Environmental Consulting Firm - Carmona Resources](#)



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

QUESTIONS

Action 484190

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2204058713
Incident Name	NAPP2204058713 MAXUS WEST TANK BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2129922182] Maxus West

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	MAXUS WEST TANK BATTERY
Date Release Discovered	02/08/2022
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Separator Crude Oil Released: 1 BBL Recovered: 1 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Failure of oil dump on separator pushed oil to the flare line. The amount of oil was less than 1 BBL and it was burned up at the flare stack. There is soot from the oil that was laid down in the perimeter of the earthen containment surrounding the flare stack.

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QUESTIONS, Page 2

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 07/11/2025
--	---

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QUESTIONS, Page 3

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	484190
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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	93
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	122
GRO+DRO (EPA SW-846 Method 8015M)	122
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	08/08/2023
On what date will (or did) the final sampling or liner inspection occur	08/08/2023
On what date will (or was) the remediation complete(d)	08/08/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
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.

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QUESTIONS, Page 4

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Flare overspray. No remediation took place as there was no hydrocarbon impact to the caliche well pad surrounding the flare.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 07/11/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	484182
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/08/2023
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	700

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	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	0
What was the total volume (cubic yards) remediated	0
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Flare overspray. No remediation took place as there was no hydrocarbon impact to the caliche well pad surrounding the flare. Nearest water well >1,500' from the site with a depth of water reported 300'+ as seen on page 18-21 of the closure report.

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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 07/11/2025
--	---

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QUESTIONS, Page 7

Action 484190

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 484190

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 484190
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	8/29/2025