



**SITE INFORMATION**

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**Closure Report**

**Maxus B 8026 JV-P #001 (04.24.2007)**

**Incident ID: nPAC0716945342**

**Lea County, New Mexico**

**Unit P, S34, T22S, R34E**

**32.3427277°, -103.4514999°**

**Crude Oil Release**

**Point of Release: Equipment Failure at Separator**

**Release Date: 04.24.2007**

**Volume Released: 5 Barrels of Crude Oil**

**Volume Recovered: 0 Barrels of Crude Oil**

**CARMONA RESOURCES**



**Prepared for:**

**BTA Oil Producers, LLC**

**104 S Pecos St.**

**Midland, Texas 79701**

**Prepared by:**

**Carmona Resources, LLC**

**310 West Wall Street**

**Suite 500**

**Midland, Texas 79701**

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January 28, 2026

New Mexico Oil Conservation Division  
1220 South St, Francis Drive  
Santa Fe, New Mexico 87505

Re: **Closure Report**  
**Maxus B 8026 JV-P #001 (04.24.2007)**  
**Incident ID: nPAC0716945342**  
**BTA Oil Producers, LLC**  
**Site Location: Unit P, S34, T22S, R34E**  
**32.3427277° -103.4514999°**  
**Lea County, New Mexico**

To whom it may concern:

On behalf of BTA Oil Producers, LLC (BTA), Carmona Resources LLC has prepared this letter to document the remediation activities for the Maxus B 8026 JV-P #001 release. The site is located at 32.3427277°, -103.4514999° within Unit P, S34, T22S, R34E, in Lea County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the information obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 24, 2007, due to equipment failure at the separator. It resulted in approximately five (5) barrels of crude oil being released, with zero (0) barrels of crude oil recovered. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 form is attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest well is approximately 1.17 miles Northwest of the site in S34, T22S, R34E and was drilled in 2019. The well has a reported depth to groundwater of 305 feet below the ground surface (ft bgs). A copy of the summary report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing and remediating the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.



#### **4.0 Site Assessment Activities**

On December 16, 2025, communication with the NMOCD resulted in the request of sampling around the separator that was previously located onsite. Five (5) samples were requested to be collected in the area of 32.342225°, -103.451594°. See Appendix C.

#### **Site Assessment**

On January 14, 2025, Carmona Resources personnel performed site assessment activities via a hand auger to evaluate soil impacts stemming from the release. A total of five (5) sample points (S-1 through S-5) were installed to depths ranging from surface to 4.0 ft bgs inside and surrounding the previous separator per NMOCD request. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

#### **Vertical Delineation**

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

#### **5.0 Conclusions**

Based on the assessment and analytical data, no further actions are required at the site. BTA formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,  
**Carmona Resources, LLC**

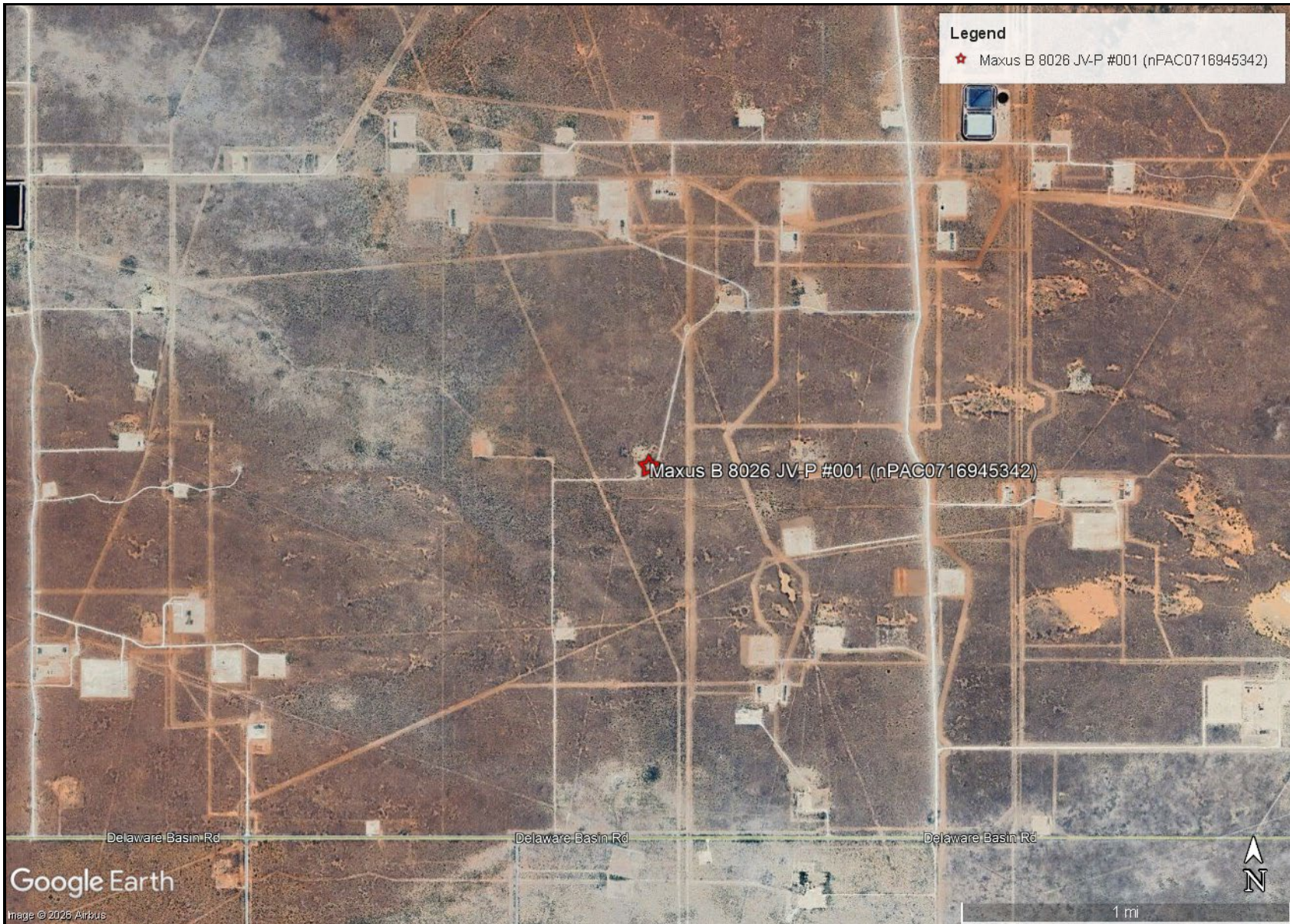
Ashton Thielke  
Director of Operations


Gilbert Priego  
Project Manager

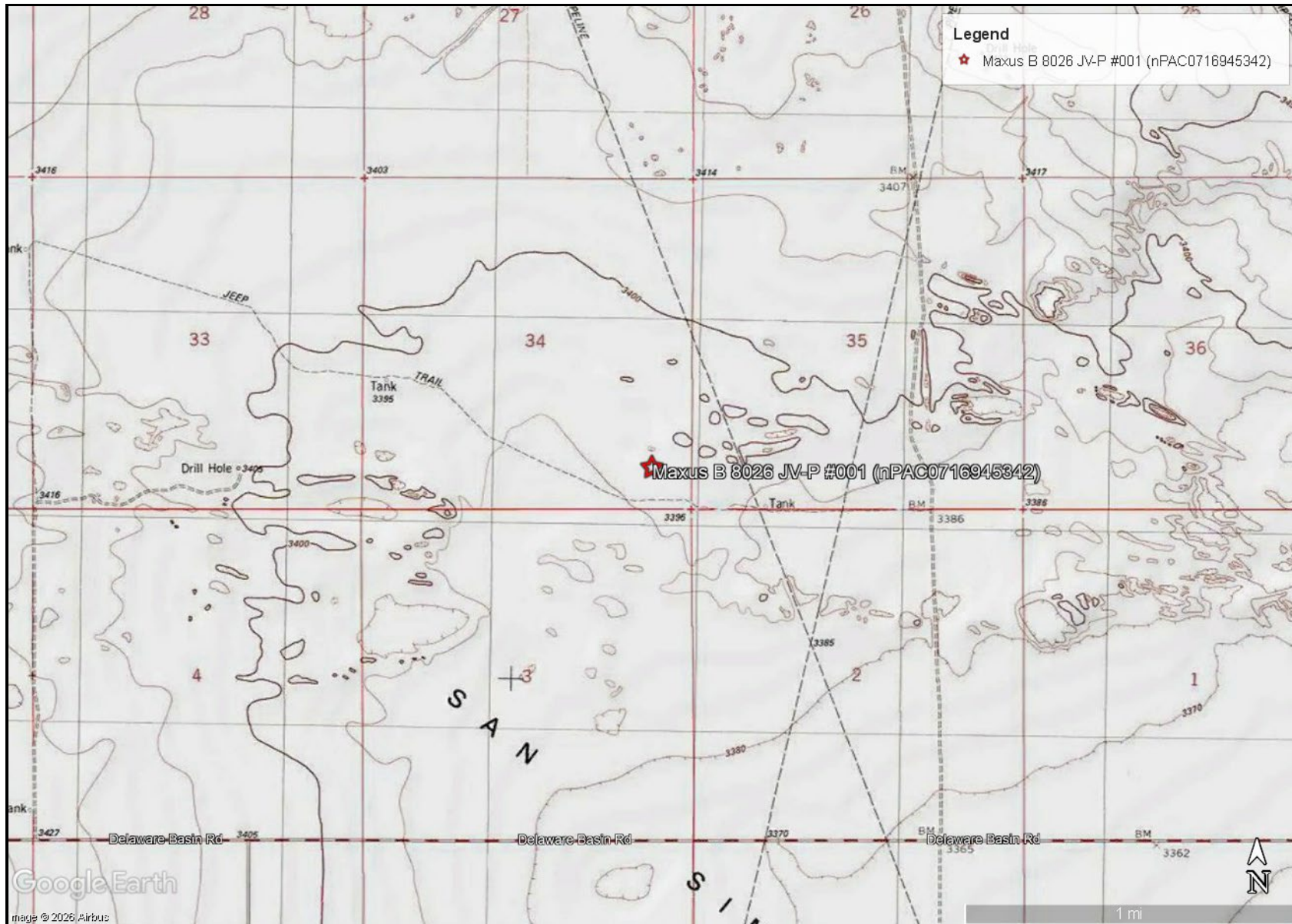
# FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP BTA OIL PRODUCERS, LLC MAXUS B 8026 JV-P #001 (04.24.2007) LEA COUNTY, NEW MEXICO 32.3427277°, -103.4514999°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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Google Earth  
image © 2026, Airbus

TOPOGRAPHIC MAP  
BTA OIL PRODUCERS, LLC  
MAXUS B 8026 JV-P #001 (04.24.2007)  
LEA COUNTY, NEW MEXICO  
32.3427277°, -103.4514999°



FIGURE 2



<p>SAMPLE LOCATION MAP BTA OIL PRODUCERS, LLC MAXUS B 8026 JV-P #001 (04.24.2007) LEA COUNTY, NEW MEXICO 32.3427277°, -103.4514999°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**BTA Oil Producers, LLC**  
**MAXUS B 8026 JV-P #001 (04.24.2007)**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	1/14/2026	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	28.2
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	40.7
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	37.4
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	66.9
S-2	1/14/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	48.8
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	28.1
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	68.9
	"	4.0'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	67.7
S-3	1/14/2026	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	42.3
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.0
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	70.8
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	70.7
S-4	1/14/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00203	<0.00399	<0.00399	51.0
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	41.5
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	40.3
	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	40.7
S-5	1/14/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	38.5
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	41.8
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	38.8
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	44.2
<i>Regulatory Criteria</i> <sup>A</sup>						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (S) - Sample Point

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

BTA Oil Producers, LLC

## Photograph No. 1

**Facility:** Maxus B 8026 JV-P #001  
(04.24.2007)

**County:** Lea County, New Mexico

**Description:**  
View Northwest of sampling area.

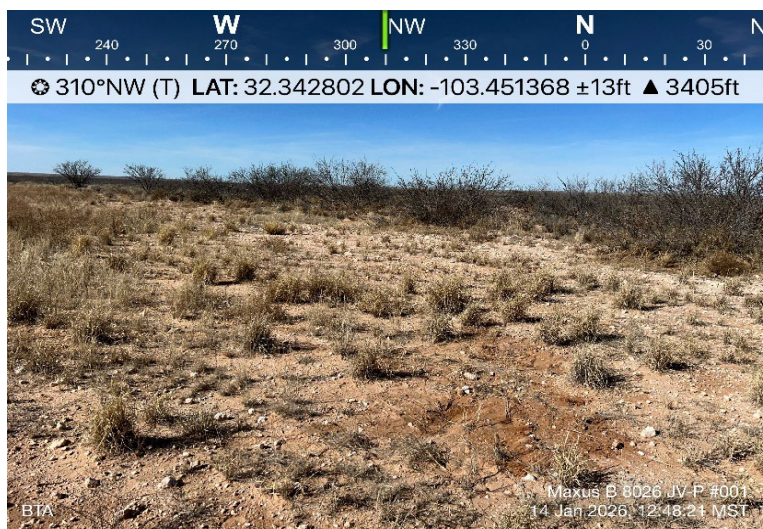


## Photograph No. 2

**Facility:** Maxus B 8026 JV-P #001  
(04.24.2007)

**County:** Lea County, New Mexico

**Description:**  
View Northwest of sampling area.

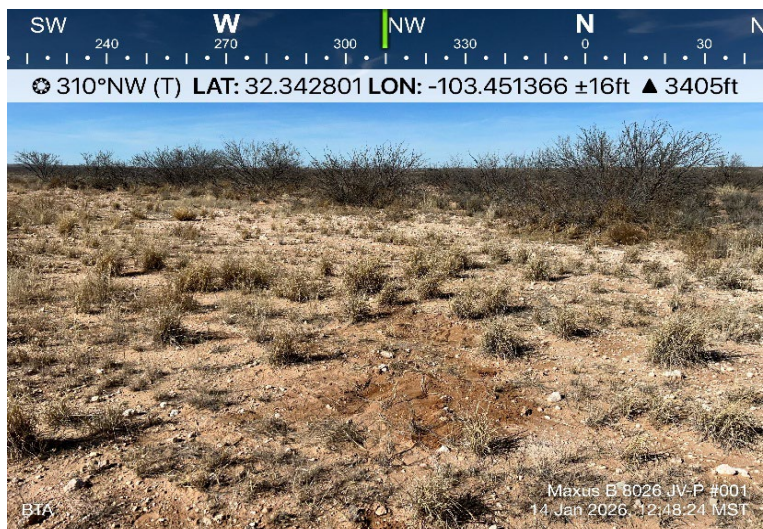


## Photograph No. 3

**Facility:** Maxus B 8026 JV-P #001  
(04.24.2007)

**County:** Lea County, New Mexico

**Description:**  
View Northwest of sampling area.



## APPENDIX C

CARMONA RESOURCES



## OCD Permitting

Home Searches Incidents Incident Details

### nPAC0716945342 MAXUS B 8026 JV-P #001

#### General Incident Information

Well: [30-025-29807] MAXUS B 8026 JV-P #001  
 Facility:  
 Operator: [3019] BTA OIL PRODUCERS  
 Status: Active  
 Stage: Closure Not Approved, Pending submission of C-141 from the operator  
 Type: Oil Release Severity:  
 Incident Location: P-34-22S-34E 660 FSL 660 FEL  
 Lat/Long: 32.3427277,-103.4514999 NAD83  
 District: Hobbs County: Lea (25)  
 Surface Owner: State

#### Quick Links

- [General Incident Information](#)
- [Materials](#)
- [Events](#)
- [Orders](#)
- [Action Status](#)

#### Associated Images

- Facility Files (0)
- [Incident Files \(2\)](#)
- [Well Files \(30\)](#)

#### New Searches

- [New Facility Search](#)
- [New Incident Search](#)
- [New Operator Search](#)
- [New Pit Search](#)
- [New Well Search](#)

#### Severity Indicators

Resulted In Fire:  Resulted In Injury:   
 Endangered Public Health:  Will or Has Reached Watercourse:   
 Fresh Water Contamination:  Property Or Environmental Damage:

#### Notes

Source of Referral: Industry Rep Action / Escalation:

#### Contact Details

Contact Name: Contact Title:

#### Event Dates

Date of Discovery: 04/24/2007 Initial C-141 Report Due: 5/9/2007  
Remediation Closure Report Due: 11/13/2018

#### Incident Dates

##### 19.15.29 NMAC - RELEASES

Type	Action	Received	Denied	Approved
Remediation Closure Report Extension		08/15/2018		08/15/2018
Sampling Notice	[541718]	01/09/2026		01/09/2026
Sampling Notice	[541715]	01/09/2026		01/09/2026
Cancellation Request	[482527]	07/08/2025	08/29/2025	

##### 19.15.30 NMAC - REMEDIATION

Type	Action	Received	Denied	Approved

#### Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

#### Incident Materials

The concentration of dissolved chloride in the produced water >10,000 mg/l: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---

**Incident Events**

Date	Detail
01/09/2026	The (01/09/2026, C-141N) application <a href="#">[541718]</a> was assigned to this incident.
01/09/2026	The (01/09/2026, C-141N) application <a href="#">[541715]</a> was assigned to this incident.
08/29/2025	The (08/29/2025, C-141C) application <a href="#">[482527]</a> was rejected by OCD. The operator was emailed with details of this event.
08/29/2025	An application <a href="#">[482527]</a> was submitted to OCD for review. It was submitted, indicating that it was an: [C-141C] Request to Cancel the Notification of a Release The operator was emailed confirmation of this event.
07/08/2025	The (08/29/2025, C-141C) application <a href="#">[482527]</a> was assigned to this incident.
06/18/2007	C-141: separator blow down sprayed directly on ground.

**Incident Severity**

Major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--

**Incident Corrective Actions**

No initial response data was found for this incident.

No site characterization data was found for this incident.

No remediation plan data was found for this incident.

No active remediation deferral request was found for this incident.

No remediation closure report data was found for this incident.

No reclamation report data was found for this incident.

No re-vegetation report data was found for this incident.

**Orders**

No Orders Found

**Ashton Thielke**

---

**From:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Sent:** Tuesday, December 16, 2025 4:33 PM  
**To:** Noah Tinker  
**Cc:** Bratcher, Michael, EMNRD; Ashton Thielke  
**Subject:** RE: [EXTERNAL] nPAC0716945342 Cancellation & nAPM2325637248 Site Assessment Plan

Good afternoon,

For incident #nAPM2325637248, the OCD conditionally approves of the plan presented below. Please collect from five sample points each going down to 4' and pulling samples from each 1' depth interval to vertically delineate the spill area. Also, collect four (4) grab samples to horizontally define the area of concern.

For incident #nPAC0716945342, there is a separator on this site that is visible from the 2012 google earth image. It appears that it might be plumbed into a blowdown in the pasture area like incident nAPM2325637248. OCD is requesting sampling in this area (32.342225, -103.451594 ). Please complete sampling in a 6-foot by 6-foot area to the coordinates given. We are requesting sampling from five sample points pulling samples from each 1' depth interval down to four feet. The five sample points should be completed with one sample point in each corner and one directly in the middle, like the number 5 on a dice.

Thank you and please let me know if you have any questions,  
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](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oed>



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**From:** Noah Tinker <ntinker@btaoil.com>  
**Sent:** Monday, December 15, 2025 12:27 PM  
**To:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Cc:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Ashton Thielke <thielkea@carmonaresources.com>  
**Subject:** [EXTERNAL] nPAC0716945342 Cancellation & nAPM2325637248 Site Assessment Plan

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

Good afternoon Mr. Rogers,

I have done some additional digging into this release and have found some additional information to help cancel the (nPAC0716945342) incident as we believe it is a duplicate.

Both nAPM2325637248 & nPAC0716945342 have the same spill date, spill description, and spill volume.

I have found the "Site Abandonment Plan" from April 24, 2007 under the "orders" section of "nAPM2325637248B".

In that plan, you will see the spill description on page 3, "Blow-down line of separator installed to discharge off-site into pasture."

You will see on page 10, a spill location and description of the release area which correlates with the "MAXUS B 8026 JV-P #003" (32.353600°, -103.454717°)

You will see that all of this information is the same information duplicated on nPAC0716945342 MAXUS B 8026 JV-P #001 incident page.

Additionally, I have come across a closure report in my internal files from 2019 drafted by NTG that shows some assessment data from the release area.

The data collected in 2019 looks to be in compliance with previous 1993 standards but going off of current (2018) standards, there is some minor hydrocarbon impact in place.

To close out this release (and the other duplicated incident), I am proposing to send Carmona Resources to the site to conduct an additional site assessment.

They will install two (2) sample points (S-1 & S-2) to vertically delineate the area of concern. Samples will be collected from surface to 4.0' below ground surface.

Additionally, during that site assessment they will collect 200sqft composite surface samples to verify that no impact is left on the surface.

They will also collect four (4) horizontal grab samples to horizontally define the area of concern.

Prior to arriving onsite, a C-141N will be submitted via webportal, describing what's listed above.

Please let me know if you have any questions!

Thanks!

Noah Tinker

BTA Oil Producers

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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>

**Sent:** Friday, August 29, 2025 4:44 PM

**To:** Noah Tinker <[ntinker@btaoil.com](mailto:ntinker@btaoil.com)>

**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 482527

**Caution:** This email originated from outside of BTA. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Noah Tinker for BTA OIL PRODUCERS, LLC),

The OCD has rejected the submitted *Request to Cancel the Notification of a Release* (C-141C), for incident ID (n#) nPAC0716945342,

for the following reasons:

- **The cancellation request is denied. The two incidents appear to be from different wells with different GPS coordinates. Please provide more information such as initial C-141's ect. to show that the incidents are duplicates.**

The rejected C-141C can be found in the OCD Online: Permitting - Action Status, under the Application ID: 482527.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141C.

Thank you,

Scott Rodgers

Environmental Specialist - A

505-469-1830

[scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

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 541715

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 541715
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nPAC0716945342
Incident Name	NPAC0716945342 MAXUS B 8026 JV-P #001 @ 30-025-29807
Incident Type	Oil Release
Incident Status	Closure Not Approved
Incident Well	[30-025-29807] MAXUS B 8026 JV-P #001

<b>Location of Release Source</b>	
Site Name	MAXUS B 8026 JV-P #001
Date Release Discovered	04/24/2007
Surface Owner	State

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	36
What is the estimated number of samples that will be gathered	11
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/14/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	(32.342225°, -103.451594°) Carmona Resources will be onsite to assess the site per NMOCD request "Please complete sampling in a 6-foot by 6-foot area to the coordinates given. We are requesting sampling from five sample points pulling samples from each 1' depth interval down to four feet. The five sample points should be completed with one sample point in each corner and one directly in the middle, like the number 5 on a dice."

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 541715

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 541715
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
ntinker	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.	1/9/2026
ntinker	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.	1/9/2026

## APPENDIX D

CARMONA RESOURCES



# Nearest water well

BTA OIL PRODUCERS

## Legend

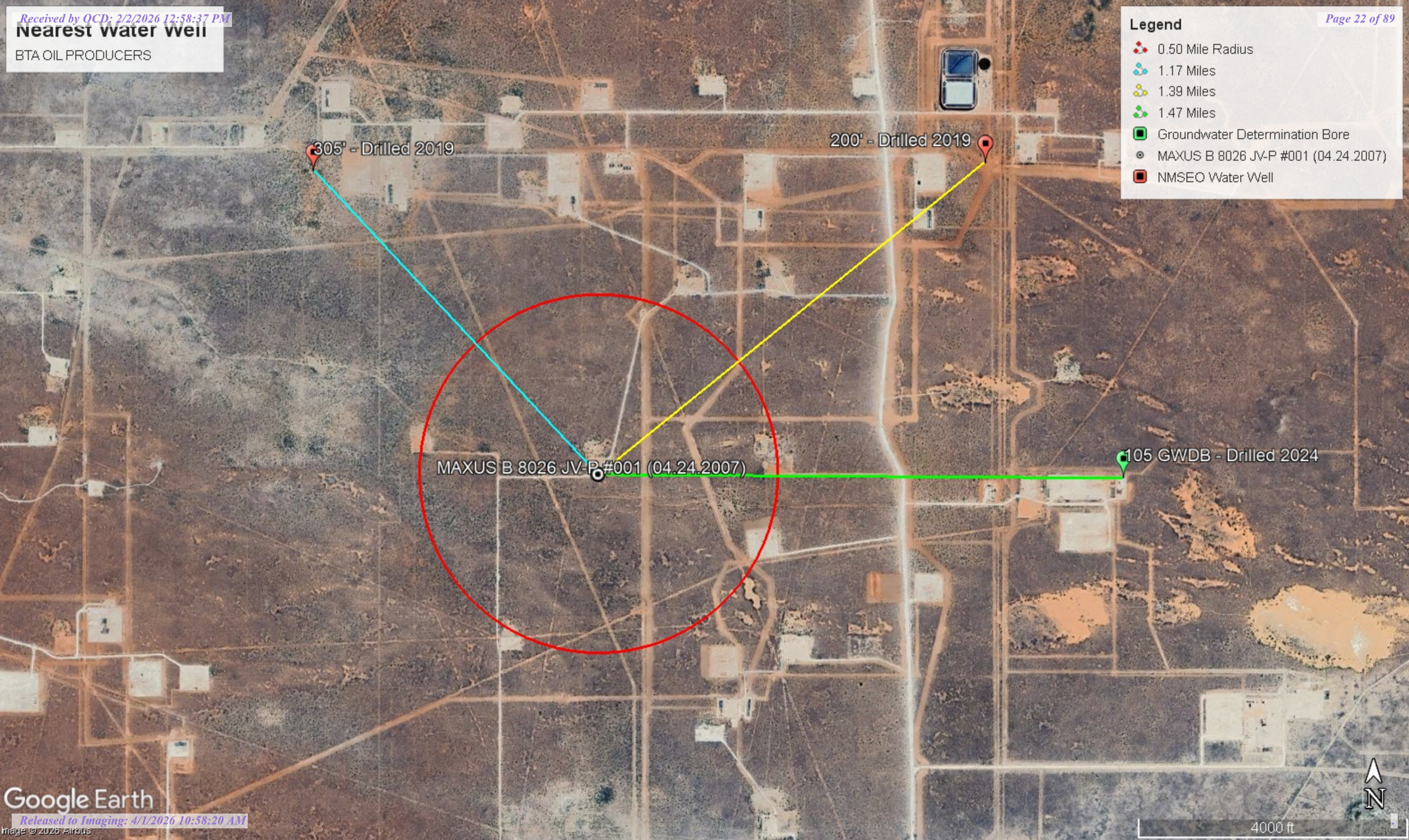
- 0.50 Mile Radius
- 1.17 Miles
- 1.39 Miles
- 1.47 Miles
- Groundwater Determination Bore
- MAXUS B 8026 JV-P #001 (04.24.2007)
- NMSEO Water Well

305' - Drilled 2019

200' - Drilled 2019



MAXUS B 8026 JV-P #001 (04.24.2007)

105 GWDB - Drilled 2024



**Low Karst**  
BTA OIL PRODUCERS

**Legend**

-  Low
-  MAXUS B 8026 JV-P #001 (04.24.2007)

MAXUS B 8026 JV-P #001 (04.24.2007)





# 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)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">CP 01840 POD1</a>		CP	LE	NW	NW	NW	11	23S	34E	646007.0	3577597.5	●	1852	969	285	684
<a href="#">CP 01740 POD1</a>		CP	LE	NW	NW	NW	34	22S	34E	644401.8	3580765.5	●	1873	600	560	40
<a href="#">CP 01826 POD1</a>		CP	LE	NW	NW	NW	34	22S	34E	644379.1	3580778.4	●	1898	698	180	518
<a href="#">CP 01803 POD1</a>		CP	LE	NW	NW	NW	34	22S	34E	644356.8	3580786.1	●	1919	240	180	60
<a href="#">CP 01841 POD1</a>		CP	LE	SW	SW	SW	03	23S	34E	644389.5	3577684.8	●	2185	650	295	355
<a href="#">CP 01802 POD1</a>		CP	LE	NE	NE	NE	35	22S	34E	647437.4	3580847.4	●	2236	200	0	200
<a href="#">CP 01845 POD1</a>		CP	LE	SE	SE	SW	33	22S	34E	643396.2	3579337.3	●	2316	880	293	587
<a href="#">CP 02004 POD1</a>		CP	LE	SW	SE	SW	36	22S	34E	648081.4	3579439.3	●	2370	105		
<a href="#">E 07616 POD1</a>		E	TO							646466.1	3576970.3	●	2569	500	300	200
<a href="#">CP 01837 POD1</a>		CP	LE	SE	NW	SW	11	23S	34E	646340.9	3576634.2	●	2861	960	300	660
<a href="#">CP 01844 POD1</a>		CP	LE	SW	SW	SW	33	22S	34E	642763.8	3579308.3	●	2949	960	295	665
<a href="#">CP 01706 POD1</a>		CP	LE	SE	SE	NE	32	22S	34E	642603.4	3580185.5	●	3199	340	282	58
<a href="#">CP 01705 POD1</a>		CP	LE	SE	SE	NE	32	22S	34E	642587.8	3580179.1	●	3212	700	305	395
<a href="#">CP 01829 POD1</a>		CP	LE	SE	SE	NE	32	22S	34E	642559.1	3580172.5	●	3239	1410	1150	260
<a href="#">CP 01622 POD1</a>		CP	LE	NW	SW	SW	04	23S	34E	642829.6	3577872.3	●	3273	575	285	290
<a href="#">CP 01839 POD1</a>		CP	LE	SW	NW	SW	12	23S	34E	647594.5	3576634.9	●	3367	860	286	574
<a href="#">CP 01836 POD1</a>		CP	LE	SE	SW	SE	11	23S	34E	647123.2	3576135.2	●	3581	940	285	655
<a href="#">CP 00704</a>		CP	LE		NE	SE	22	22S	34E	645681.0	3583097.0 *	●	3671	600		
<a href="#">CP 01684 POD1</a>		CP	LE	NE	NW	SE	23	22S	34E	646932.2	3583129.0	●	3899	300		
<a href="#">CP 01718 POD1</a>		CP	LE	NE	SW	SW	24	22S	34E	647700.1	3582811.2	●	3926	1172	855	317
<a href="#">CP 01842 POD1</a>		CP	LE	NW	NW	NE	32	22S	34E	641960.2	3580777.3	●	3986	1083	305	778

Average Depth to Water: **357 feet**

Minimum Depth: **0 feet**

Maximum Depth: **1150 feet**

**Record Count: 21**

**UTM Filters (in meters):**

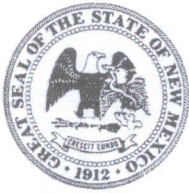
**Easting:** 645711.00

**Northing:** 3579426.00

**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 ZIP TX 79705	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 21	SECONDS 16.2	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	27	55.3	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 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)		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						
	+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)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	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

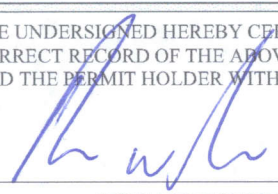
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)			
FILE NO. CP-1740	POD NO. 1	TRN NO. 637130			
LOCATION 111 T22S R34E Sec 34	WELL TAG ID NO. NA	PAGE 1 OF 2			

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	
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): 60.00	

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:	
	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 <span style="float: right;">10/14/2019</span>
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME <span style="float: right;">DATE</span>

STATE ENGINEER OFFICE  
 ROSWELL, NEW MEXICO

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	



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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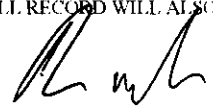
1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1802		WELL TAG ID NO. 22472		OSE FILE NO(S)			
	WELL OWNER NAME(S) LIMESTONE BASIN PROPERTIES RANCH LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 3300 N A STREET, BLDG 1, STE 220				CITY MIDLAND	STATE TX	ZIP 79705	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 21	SECONDS 17.43	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE	103	25	59.15	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE 1/4 NE 1/4 NE 1/4 S35 T22S R34E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1706		NAME OF LICENSED DRILLER BRYCE WALLACE			NAME OF WELL DRILLING COMPANY ELITE DRILLERS CORPORATION		
	DRILLING STARTED 11/07/19	DRILLING ENDED 11/09/19	DEPTH OF COMPLETED WELL (FT) 200	BORE HOLE DEPTH (FT) 200	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	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	160	7 7/8	SDR17 PVC	SPLINE	4.28	SDR17	
	160	200	7 7/8	SDR17 PVC	SPLINE	4.28	SDR17	.32
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						
	25	200	7 7/8	8/16 SILICA SAND	40	POUR		
	0	25	7 7/8	PORTLAND CEMENT	6	POUR		

2020 FEB 13 PM 4:28  
STATE ENGINEER OFFICE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. <b>CP-1802</b>	POD NO. <b>1</b>	TRN NO. <b>659873</b>
LOCATION <b>Line 22. 34. 35. 222</b>	WELL TAG ID NO. <b>22472</b>	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	5	5	SANDY TOPSOIL	Y ✓ N	
	5	25	20	SANDY CALICHE	Y ✓ N	
	25	65	40	BROWN CLAY	Y ✓ N	
	65	105	40	TAN SANDY CLAY	Y ✓ N	
	105	185	80	BROWN SANDY CLAY WITH SOME BROWN SAND STRINGERS	Y ✓ N	
	185	200	15	RED CLAY	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
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					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): 0.00	
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:					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:						
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.				2020 FEB 28 PM 4:36	
	 BRYCE WALLACE				11/20/19	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE		

STATE ENGINEER OFFICE  
DENVER, COLORADO

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)			
FILE NO. CP-1802	POD NO. 1	TRN NO. 659873			
LOCATION Line 22.34.35.222		WELL TAG ID NO. 22472	PAGE 2 OF 2		



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). CP-2004	
	WELL OWNER NAME(S) Permian Resources				PHONE (OPTIONAL) 575-605-3471	
	WELL OWNER MAILING ADDRESS PO 3641				CITY Hobbs	STATE ZIP NM 88241
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 20	SECONDS 31.41	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LATITUDE			* DATUM REQUIRED: WGS 84	
	LONGITUDE	-103	25	35.31	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SWSW S-36 T-22S R-34E Lea County NM						

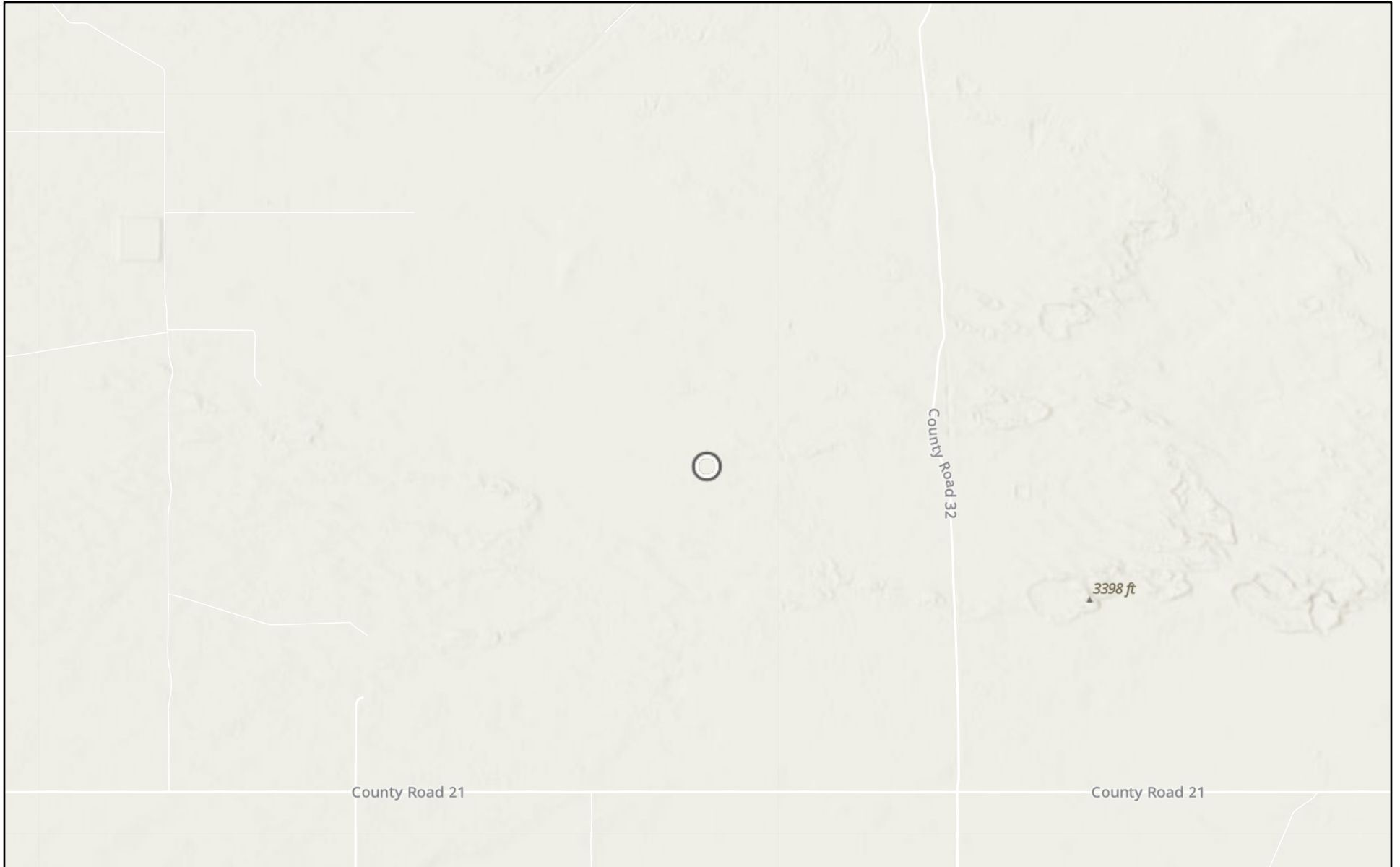
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862	NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 7/9/24	DRILLING ENDED 7/9/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) dry hole			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED 7/16/24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>			
	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	95	6	2" SCH 40 FJ Blank	FJ thread 2.38"	2.0	0.19	
	95	105	6	2" SCH 40 FJ 0.10 perf	FJ Thread 2.38"	2.0	0.19	0.10

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		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO. CP-2004	POD NO. 1	TRN NO. 762432			
LOCATION 25.34E.36 433	WELL TAG ID NO. NA			PAGE 1 OF 2	



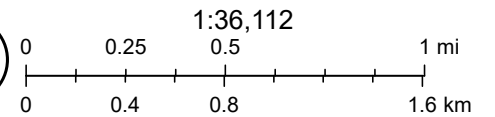
# MAXUS B 8026 JV-P #001 (04.24.2007)



1/21/2026

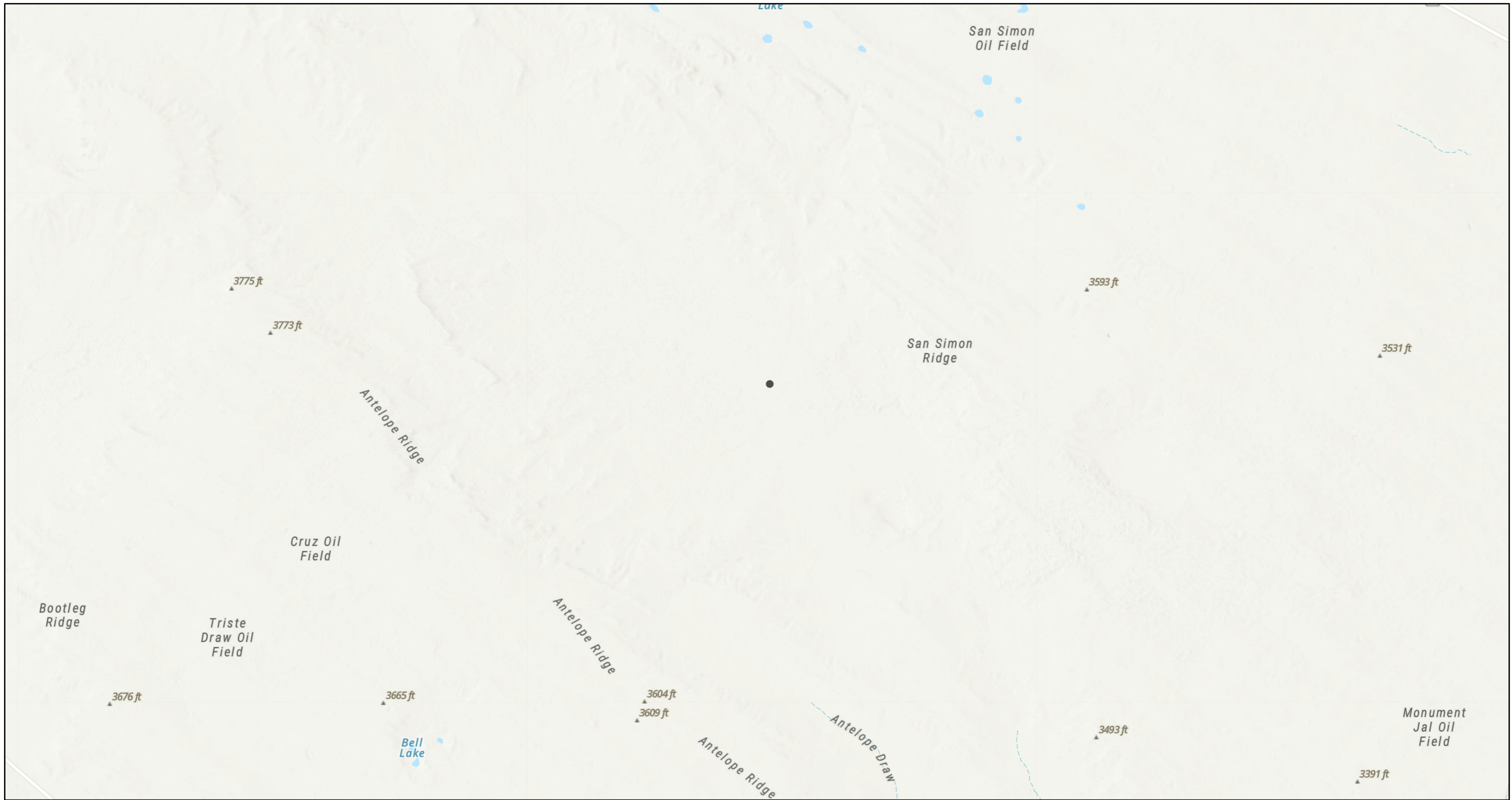
World\_Hillshade

World\_Hillshade



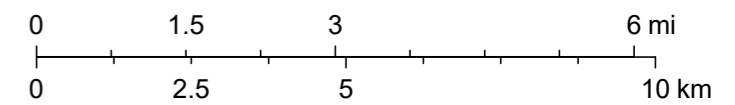
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

# MAXUS B 8026 JV-P #001 (04.24.2007)



1/22/2026, 10:18:37 AM

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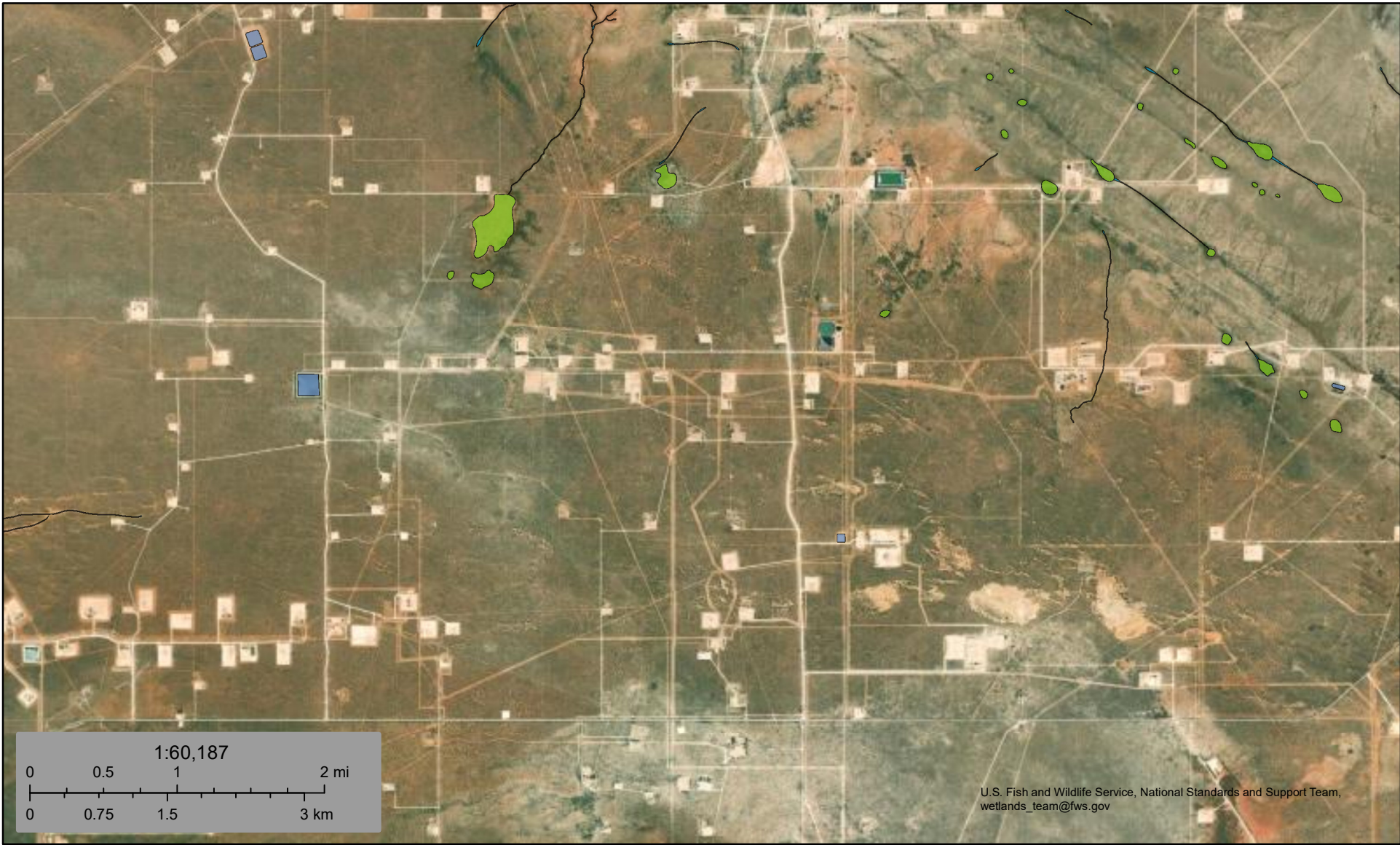


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**U.S. Fish and Wildlife Service**  
**National Wetlands Inventory**



MAXUS B 8026 JV-P #001 (04.24.2007)









U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

January 22, 2026

**Wetlands**

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# APPENDIX E

CARMONA RESOURCES





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ashton Thielke  
 Carmona Resources  
 310 W Wall St  
 Ste 500  
 Midland, Texas 79701

Generated 1/29/2026 2:17:03 PM Revision 1

## JOB DESCRIPTION

Maxus B 8026 JV-P #001 (04.24.2007)  
 Lea County, New Mexico

## JOB NUMBER

880-67022-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



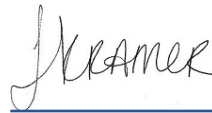
# Eurofins Midland

## 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  
1/29/2026 2:17:03 PM  
Revision 1

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440

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Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Laboratory Job ID: 880-67022-1  
SDG: Lea County, New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high 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: Carmona Resources  
Project: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1

**Job ID: 880-67022-1**

**Eurofins Midland**

### Job Narrative 880-67022-1

#### REVISION

The report being provided is a revision of the original report sent on 1/19/2026. The report (revision 1) is being revised due to Per client email, requesting all pages of COC to be in report.

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 1/14/2026 5:00 PM. 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 7.0°C.

#### **GC VOA**

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-129028 and analytical batch 880-129109 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-129028 and analytical batch 880-129109 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (2.0') (880-67022-2), S-1 (4.0') (880-67022-4), S-2 (0-1') (880-67022-5), S-3 (0-1') (880-67022-9), S-4 (3.0') (880-67022-15) and S-5 (3.0') (880-67022-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### **Diesel Range Organics**

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-67018-A-21-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129026/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-67022-A-16-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-129027/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-129027/1-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.

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## Case Narrative

Client: Carmona Resources  
Project: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1

**Job ID: 880-67022-1 (Continued)**

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### 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: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-67022-1

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		01/15/26 11:05	01/16/26 13:04	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		01/15/26 11:05	01/16/26 13:04	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		01/15/26 11:05	01/16/26 13:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 13:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 13:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/15/26 11:05	01/16/26 13:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/15/26 11:05	01/16/26 13:04	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			01/16/26 13:04	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			01/18/26 23:26	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		01/15/26 10:53	01/18/26 23:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/18/26 23:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/18/26 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	01/15/26 10:53	01/18/26 23:26	1
o-Terphenyl (Surr)	96		70 - 130	01/15/26 10:53	01/18/26 23:26	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.2		10.1		mg/Kg			01/15/26 14:26	1

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-67022-2

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 13:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 13:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 13:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 13:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 13:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	01/15/26 11:05	01/16/26 13:25	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/15/26 11:05	01/16/26 13:25	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-1 (2.0')**

**Lab Sample ID: 880-67022-2**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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			01/16/26 13:25	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			01/18/26 23:40	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		01/15/26 10:53	01/18/26 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 23:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/15/26 10:53	01/18/26 23:40	1
o-Terphenyl (Surr)	100		70 - 130	01/15/26 10:53	01/18/26 23:40	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		10.1		mg/Kg			01/15/26 14:41	1

**Client Sample ID: S-1 (3.0')**

**Lab Sample ID: 880-67022-3**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 13:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 13:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 13:45	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/15/26 11:05	01/16/26 13:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 13:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/15/26 11:05	01/16/26 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/15/26 11:05	01/16/26 13:45	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/15/26 11:05	01/16/26 13:45	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			01/16/26 13:45	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			01/18/26 23:55	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		01/15/26 10:53	01/18/26 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 23:55	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

## Client Sample ID: S-1 (3.0')

Date Collected: 01/14/26 00:00

Date Received: 01/14/26 17:00

## Lab Sample ID: 880-67022-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				01/15/26 10:53	01/18/26 23:55	1
o-Terphenyl (Surr)	98		70 - 130				01/15/26 10:53	01/18/26 23:55	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.4		10.1		mg/Kg			01/15/26 14:46	1

## Client Sample ID: S-1 (4.0')

Date Collected: 01/14/26 00:00

Date Received: 01/14/26 17:00

## Lab Sample ID: 880-67022-4

Matrix: Solid

## 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		01/15/26 11:05	01/16/26 14:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 14:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 14:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 14:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 14:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130				01/15/26 11:05	01/16/26 14:06	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/15/26 11:05	01/16/26 14:06	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			01/16/26 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/19/26 00:09	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	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 00:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 00:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				01/15/26 10:53	01/19/26 00:09	1
o-Terphenyl (Surr)	99		70 - 130				01/15/26 10:53	01/19/26 00:09	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		10.0		mg/Kg			01/15/26 14:51	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-67022-5

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 14:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 14:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 14:26	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 14:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 14:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	S1+	70 - 130	01/15/26 11:05	01/16/26 14:26	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/15/26 11:05	01/16/26 14:26	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			01/16/26 14:26	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			01/19/26 00:23	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		01/15/26 10:53	01/19/26 00:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 00:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	01/15/26 10:53	01/19/26 00:23	1
o-Terphenyl (Surr)	94		70 - 130	01/15/26 10:53	01/19/26 00:23	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.8		9.96		mg/Kg			01/15/26 14:56	1

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-67022-6

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 14:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 14:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/15/26 11:05	01/16/26 14:47	1
1,4-Difluorobenzene (Surr)	104		70 - 130	01/15/26 11:05	01/16/26 14:47	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-2 (2.0')**

**Lab Sample ID: 880-67022-6**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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			01/16/26 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			01/19/26 00:52	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	<50.5	U	50.5		mg/Kg		01/15/26 10:53	01/19/26 00:52	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		01/15/26 10:53	01/19/26 00:52	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		01/15/26 10:53	01/19/26 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	01/15/26 10:53	01/19/26 00:52	1
o-Terphenyl (Surr)	94		70 - 130	01/15/26 10:53	01/19/26 00:52	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		9.92		mg/Kg			01/15/26 15:11	1

**Client Sample ID: S-2 (3.0')**

**Lab Sample ID: 880-67022-7**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 15:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 15:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 15:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 15:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 15:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/15/26 11:05	01/16/26 15:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/15/26 11:05	01/16/26 15:07	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			01/16/26 15:07	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			01/19/26 01:06	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		01/15/26 10:53	01/19/26 01:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/19/26 01:06	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-2 (3.0')**

**Lab Sample ID: 880-67022-7**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/19/26 01:06	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	112		70 - 130				01/15/26 10:53	01/19/26 01:06	1
o-Terphenyl (Surr)	99		70 - 130				01/15/26 10:53	01/19/26 01:06	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.9		9.98		mg/Kg			01/15/26 15:16	1

**Client Sample ID: S-2 (4.0')**

**Lab Sample ID: 880-67022-8**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 15:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 15:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 15:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/15/26 11:05	01/16/26 15:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 15:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/15/26 11:05	01/16/26 15:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	113		70 - 130				01/15/26 11:05	01/16/26 15:27	1
1,4-Difluorobenzene (Surr)	113		70 - 130				01/15/26 11:05	01/16/26 15:27	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			01/16/26 15:27	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			01/19/26 01:21	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	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 01:21	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 01:21	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 01:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	88		70 - 130				01/15/26 10:53	01/19/26 01:21	1
o-Terphenyl (Surr)	77		70 - 130				01/15/26 10:53	01/19/26 01:21	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.7		9.94		mg/Kg			01/15/26 15:20	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-67022-9

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 15:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 15:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 15:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/15/26 11:05	01/16/26 15:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 15:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/15/26 11:05	01/16/26 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	01/15/26 11:05	01/16/26 15:48	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/15/26 11:05	01/16/26 15:48	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/16/26 15:48	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			01/19/26 01:34	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	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/19/26 01:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/19/26 01:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/15/26 10:53	01/19/26 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/15/26 10:53	01/19/26 01:34	1
o-Terphenyl (Surr)	99		70 - 130	01/15/26 10:53	01/19/26 01:34	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		10.0		mg/Kg			01/15/26 15:25	1

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-67022-10

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 16:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 16:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 16:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 16:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 16:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/15/26 11:05	01/16/26 16:08	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/15/26 11:05	01/16/26 16:08	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-3 (2.0')**

**Lab Sample ID: 880-67022-10**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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			01/16/26 16:08	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			01/19/26 01:49	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		01/15/26 10:53	01/19/26 01:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 01:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 01:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/15/26 10:53	01/19/26 01:49	1
o-Terphenyl (Surr)	99		70 - 130	01/15/26 10:53	01/19/26 01:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.0		10.0		mg/Kg			01/15/26 15:30	1

**Client Sample ID: S-3 (3.0')**

**Lab Sample ID: 880-67022-11**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 17:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 17:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 17:59	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 17:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 17:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	01/15/26 11:05	01/16/26 17:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/15/26 11:05	01/16/26 17:59	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			01/16/26 17:59	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			01/19/26 02:03	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	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:03	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-3 (3.0')**

**Lab Sample ID: 880-67022-11**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	119		70 - 130				01/15/26 10:53	01/19/26 02:03	1
o-Terphenyl (Surr)	108		70 - 130				01/15/26 10:53	01/19/26 02:03	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.8		10.1		mg/Kg			01/15/26 15:35	1

**Client Sample ID: S-3 (4.0')**

**Lab Sample ID: 880-67022-12**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 18:20	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	115		70 - 130				01/15/26 11:05	01/16/26 18:20	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/15/26 11:05	01/16/26 18:20	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			01/16/26 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/19/26 02:17	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	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 02:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 02:17	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/15/26 10:53	01/19/26 02:17	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	107		70 - 130				01/15/26 10:53	01/19/26 02:17	1
o-Terphenyl (Surr)	99		70 - 130				01/15/26 10:53	01/19/26 02:17	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.7		10.1		mg/Kg			01/15/26 15:50	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-67022-13

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:40	1
Ethylbenzene	0.00203		0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	01/15/26 11:05	01/16/26 18:40	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/15/26 11:05	01/16/26 18:40	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			01/16/26 18:40	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			01/19/26 02:32	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	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 02:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	01/15/26 10:53	01/19/26 02:32	1
o-Terphenyl (Surr)	100		70 - 130	01/15/26 10:53	01/19/26 02:32	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.0		10.0		mg/Kg			01/15/26 15:55	1

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-67022-14

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 19:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 19:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 19:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 19:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 19:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/15/26 11:05	01/16/26 19:01	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/15/26 11:05	01/16/26 19:01	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-4 (2.0')**

**Lab Sample ID: 880-67022-14**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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			01/16/26 19:01	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			01/19/26 02:46	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	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 02:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 02:46	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		01/15/26 10:53	01/19/26 02:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	01/15/26 10:53	01/19/26 02:46	1
o-Terphenyl (Surr)	103		70 - 130	01/15/26 10:53	01/19/26 02:46	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.5		9.90		mg/Kg			01/15/26 16:10	1

**Client Sample ID: S-4 (3.0')**

**Lab Sample ID: 880-67022-15**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 19:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 19:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 19:21	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/15/26 11:05	01/16/26 19:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 19:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/15/26 11:05	01/16/26 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130	01/15/26 11:05	01/16/26 19:21	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	01/15/26 11:05	01/16/26 19:21	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/16/26 19:21	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			01/19/26 03:00	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		01/15/26 10:53	01/19/26 03:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 03:00	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

## Client Sample ID: S-4 (3.0')

Date Collected: 01/14/26 00:00

Date Received: 01/14/26 17:00

## Lab Sample ID: 880-67022-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/19/26 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	01/15/26 10:53	01/19/26 03:00	1
o-Terphenyl (Surr)	98		70 - 130	01/15/26 10:53	01/19/26 03:00	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.3		9.94		mg/Kg			01/15/26 16:15	1

## Client Sample ID: S-4 (4.0')

Date Collected: 01/14/26 00:00

Date Received: 01/14/26 17:00

## Lab Sample ID: 880-67022-16

Matrix: Solid

## 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		01/15/26 11:05	01/16/26 19:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 19:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 19:41	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/15/26 11:05	01/16/26 19:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/15/26 11:05	01/16/26 19:41	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/15/26 11:05	01/16/26 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	01/15/26 11:05	01/16/26 19:41	1
1,4-Difluorobenzene (Surr)	78		70 - 130	01/15/26 11:05	01/16/26 19:41	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/16/26 19:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/18/26 14:20	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	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 14:20	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 14:20	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	01/15/26 10:58	01/18/26 14:20	1
o-Terphenyl (Surr)	103		70 - 130	01/15/26 10:58	01/18/26 14:20	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.7		9.92		mg/Kg			01/15/26 16:20	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-67022-17

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 20:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 20:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 20:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 20:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/15/26 11:05	01/16/26 20:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/15/26 11:05	01/16/26 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	01/15/26 11:05	01/16/26 20:02	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/15/26 11:05	01/16/26 20:02	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			01/16/26 20:02	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			01/18/26 15:04	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		01/15/26 10:58	01/18/26 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	01/15/26 10:58	01/18/26 15:04	1
o-Terphenyl (Surr)	93		70 - 130	01/15/26 10:58	01/18/26 15:04	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.5		9.96		mg/Kg			01/15/26 16:25	1

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-67022-18

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

## 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		01/15/26 11:05	01/16/26 20:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 20:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 20:22	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 20:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/15/26 11:05	01/16/26 20:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/15/26 11:05	01/16/26 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/15/26 11:05	01/16/26 20:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/15/26 11:05	01/16/26 20:22	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-5 (2.0')**

**Lab Sample ID: 880-67022-18**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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			01/16/26 20:22	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			01/18/26 15:19	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	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	01/15/26 10:58	01/18/26 15:19	1
o-Terphenyl (Surr)	92		70 - 130	01/15/26 10:58	01/18/26 15:19	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.8		9.94		mg/Kg			01/15/26 16:30	1

**Client Sample ID: S-5 (3.0')**

**Lab Sample ID: 880-67022-19**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 20:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 20:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 20:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 20:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 20:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/15/26 11:05	01/16/26 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	01/15/26 11:05	01/16/26 20:43	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/15/26 11:05	01/16/26 20:43	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			01/16/26 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			01/18/26 15:34	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	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 15:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 15:34	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-5 (3.0')**

**Lab Sample ID: 880-67022-19**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/15/26 10:58	01/18/26 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				01/15/26 10:58	01/18/26 15:34	1
o-Terphenyl (Surr)	96		70 - 130				01/15/26 10:58	01/18/26 15:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		10.0		mg/Kg			01/15/26 16:34	1

**Client Sample ID: S-5 (4.0')**

**Lab Sample ID: 880-67022-20**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

**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		01/15/26 11:05	01/16/26 21:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 21:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 21:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 21:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/15/26 11:05	01/16/26 21:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/15/26 11:05	01/16/26 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/15/26 11:05	01/16/26 21:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/15/26 11:05	01/16/26 21:03	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			01/16/26 21:03	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			01/18/26 15:49	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		01/15/26 10:58	01/18/26 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				01/15/26 10:58	01/18/26 15:49	1
o-Terphenyl (Surr)	97		70 - 130				01/15/26 10:58	01/18/26 15:49	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.2		10.1		mg/Kg			01/15/26 16:39	1

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## 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)
880-67022-1	S-1 (0-1')	91	103
880-67022-1 MS	S-1 (0-1')	131 S1+	97
880-67022-1 MSD	S-1 (0-1')	105	92
880-67022-2	S-1 (2.0')	132 S1+	112
880-67022-3	S-1 (3.0')	105	105
880-67022-4	S-1 (4.0')	154 S1+	114
880-67022-5	S-2 (0-1')	256 S1+	110
880-67022-6	S-2 (2.0')	113	104
880-67022-7	S-2 (3.0')	120	103
880-67022-8	S-2 (4.0')	113	113
880-67022-9	S-3 (0-1')	141 S1+	111
880-67022-10	S-3 (2.0')	125	108
880-67022-11	S-3 (3.0')	76	87
880-67022-12	S-3 (4.0')	115	110
880-67022-13	S-4 (0-1')	123	103
880-67022-14	S-4 (2.0')	120	109
880-67022-15	S-4 (3.0')	169 S1+	132 S1+
880-67022-16	S-4 (4.0')	115	78
880-67022-17	S-5 (0-1')	117	108
880-67022-18	S-5 (2.0')	114	103
880-67022-19	S-5 (3.0')	139 S1+	114
880-67022-20	S-5 (4.0')	112	107
LCS 880-129028/1-A	Lab Control Sample	98	92
LCS 880-129028/2-A	Lab Control Sample Dup	102	95
MB 880-129028/5-A	Method Blank	146 S1+	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)
880-67018-A-21-C MS	Matrix Spike	134 S1+	100
880-67018-A-21-D MSD	Matrix Spike Duplicate	127	97
880-67022-1	S-1 (0-1')	108	96
880-67022-2	S-1 (2.0')	111	100
880-67022-3	S-1 (3.0')	110	98
880-67022-4	S-1 (4.0')	113	99
880-67022-5	S-2 (0-1')	107	94
880-67022-6	S-2 (2.0')	102	94
880-67022-7	S-2 (3.0')	112	99
880-67022-8	S-2 (4.0')	88	77
880-67022-9	S-3 (0-1')	111	99
880-67022-10	S-3 (2.0')	111	99
880-67022-11	S-3 (3.0')	119	108
880-67022-12	S-3 (4.0')	107	99

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### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

**Matrix: Solid**

**Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-67022-13	S-4 (0-1')	109	100
880-67022-14	S-4 (2.0')	108	103
880-67022-15	S-4 (3.0')	110	98
880-67022-16	S-4 (4.0')	118	103
880-67022-16 MS	S-4 (4.0')	145 S1+	111
880-67022-16 MSD	S-4 (4.0')	118	112
880-67022-17	S-5 (0-1')	110	93
880-67022-18	S-5 (2.0')	110	92
880-67022-19	S-5 (3.0')	116	96
880-67022-20	S-5 (4.0')	119	97
LCS 880-129026/2-A	Lab Control Sample	101	90
LCS 880-129027/2-A	Lab Control Sample	129	117
LCSD 880-129026/3-A	Lab Control Sample Dup	102	92
LCSD 880-129027/3-A	Lab Control Sample Dup	134 S1+	106
MB 880-129026/1-A	Method Blank	159 S1+	136 S1+
MB 880-129027/1-A	Method Blank	131 S1+	118

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-129028/5-A  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 129028

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/15/26 11:05	01/16/26 12:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/15/26 11:05	01/16/26 12:36	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	01/15/26 11:05	01/16/26 12:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/15/26 11:05	01/16/26 12:36	1

Lab Sample ID: LCS 880-129028/1-A  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 129028

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.08369		mg/Kg		84	70 - 130
Toluene	0.100	0.08669		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08002		mg/Kg		80	70 - 130
m,p-Xylenes	0.200	0.1828		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09572		mg/Kg		96	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-129028/2-A  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 129028

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1002		mg/Kg		100	70 - 130	18	35
Toluene	0.100	0.09579		mg/Kg		96	70 - 130	10	35
Ethylbenzene	0.100	0.1016		mg/Kg		102	70 - 130	24	35
m,p-Xylenes	0.200	0.2019		mg/Kg		101	70 - 130	10	35
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130	10	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-67022-1 MS  
 Matrix: Solid  
 Analysis Batch: 129109

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 129028

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F1	0.100	0.06888	F1	mg/Kg		69	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.05899	F1	mg/Kg		59	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-67022-1 MS

Client Sample ID: S-1 (0-1')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129109

Prep Batch: 129028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1 F2	0.100	0.05124	F1	mg/Kg		50	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1738		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.100	0.1024		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-67022-1 MSD

Client Sample ID: S-1 (0-1')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129109

Prep Batch: 129028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.09517		mg/Kg		95	70 - 130	32	35
Toluene	<0.00200	U F1 F2	0.100	0.09881	F2	mg/Kg		99	70 - 130	50	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08777	F2	mg/Kg		87	70 - 130	53	35
m,p-Xylenes	<0.00399	U	0.200	0.1978		mg/Kg		99	70 - 130	13	35
o-Xylene	<0.00200	U	0.100	0.1069		mg/Kg		107	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-129026/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129212

Prep Batch: 129026

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 20:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 20:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:53	01/18/26 20:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	159	S1+	70 - 130	01/15/26 10:53	01/18/26 20:58	1
o-Terphenyl (Surr)	136	S1+	70 - 130	01/15/26 10:53	01/18/26 20:58	1

Lab Sample ID: LCS 880-129026/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 129212

Prep Batch: 129026

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	880.6		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	839.5		mg/Kg		84	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

**Lab Sample ID: LCS 880-129026/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129026**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	90		70 - 130

**Lab Sample ID: LCSD 880-129026/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129026**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	907.0		mg/Kg		91	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	1000	857.3		mg/Kg		86	70 - 130	2		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	92		70 - 130

**Lab Sample ID: 880-67018-A-21-C MS**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 129026**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	964.6		mg/Kg		96	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	861.5		mg/Kg		86	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	100		70 - 130

**Lab Sample ID: 880-67018-A-21-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 129026**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	935.7		mg/Kg		93	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	835.0		mg/Kg		83	70 - 130	3		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	97		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

**Lab Sample ID: MB 880-129027/1-A**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 129027**

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		01/15/26 10:58	01/18/26 12:05			1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 12:05			1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/15/26 10:58	01/18/26 12:05			1

Surrogate	MB MB		Limits	Prepared		Analyzed		Dil Fac
	%Recovery	Qualifier						
1-Chlorooctane (Surr)	131	S1+	70 - 130	01/15/26 10:58	01/18/26 12:05			1
o-Terphenyl (Surr)	118		70 - 130	01/15/26 10:58	01/18/26 12:05			1

**Lab Sample ID: LCS 880-129027/2-A**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 129027**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	892.9		mg/Kg		89		70 - 130
Diesel Range Organics (Over C10-C28)	1000	944.2		mg/Kg		94		70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	117		70 - 130

**Lab Sample ID: LCSD 880-129027/3-A**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 129027**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	892.8		mg/Kg		89		70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	899.4		mg/Kg		90		70 - 130	5	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	106		70 - 130

**Lab Sample ID: 880-67022-16 MS**  
**Matrix: Solid**  
**Analysis Batch: 129212**

**Client Sample ID: S-4 (4.0')**  
**Prep Type: Total/NA**  
**Prep Batch: 129027**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	996	964.2		mg/Kg		97		70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	996	903.8		mg/Kg		91		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-67022-16 MS  
 Matrix: Solid  
 Analysis Batch: 129212

Client Sample ID: S-4 (4.0')  
 Prep Type: Total/NA  
 Prep Batch: 129027

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	111		70 - 130

Lab Sample ID: 880-67022-16 MSD  
 Matrix: Solid  
 Analysis Batch: 129212

Client Sample ID: S-4 (4.0')  
 Prep Type: Total/NA  
 Prep Batch: 129027

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	<50.1	U	1000	963.8		mg/Kg		96	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	980.2		mg/Kg		98	70 - 130	8	20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	112		70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129023/1-A  
 Matrix: Solid  
 Analysis Batch: 129035

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			01/15/26 14:11	1

Lab Sample ID: LCS 880-129023/2-A  
 Matrix: Solid  
 Analysis Batch: 129035

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-129023/3-A  
 Matrix: Solid  
 Analysis Batch: 129035

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	240.6		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-67022-1 MS  
 Matrix: Solid  
 Analysis Batch: 129035

Client Sample ID: S-1 (0-1')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	28.2		252	280.4		mg/Kg		100	90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

**Lab Sample ID: 880-67022-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129035**

**Client Sample ID: S-1 (0-1')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	28.2		252	279.4		mg/Kg		100	90 - 110	0	20

**Lab Sample ID: 880-67022-11 MS**  
**Matrix: Solid**  
**Analysis Batch: 129035**

**Client Sample ID: S-3 (3.0')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	70.8		252	322.0		mg/Kg		100	90 - 110		

**Lab Sample ID: 880-67022-11 MSD**  
**Matrix: Solid**  
**Analysis Batch: 129035**

**Client Sample ID: S-3 (3.0')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	70.8		252	321.5		mg/Kg		99	90 - 110	0	20

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

#### GC VOA

##### Prep Batch: 129028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	5035	
880-67022-2	S-1 (2.0')	Total/NA	Solid	5035	
880-67022-3	S-1 (3.0')	Total/NA	Solid	5035	
880-67022-4	S-1 (4.0')	Total/NA	Solid	5035	
880-67022-5	S-2 (0-1')	Total/NA	Solid	5035	
880-67022-6	S-2 (2.0')	Total/NA	Solid	5035	
880-67022-7	S-2 (3.0')	Total/NA	Solid	5035	
880-67022-8	S-2 (4.0')	Total/NA	Solid	5035	
880-67022-9	S-3 (0-1')	Total/NA	Solid	5035	
880-67022-10	S-3 (2.0')	Total/NA	Solid	5035	
880-67022-11	S-3 (3.0')	Total/NA	Solid	5035	
880-67022-12	S-3 (4.0')	Total/NA	Solid	5035	
880-67022-13	S-4 (0-1')	Total/NA	Solid	5035	
880-67022-14	S-4 (2.0')	Total/NA	Solid	5035	
880-67022-15	S-4 (3.0')	Total/NA	Solid	5035	
880-67022-16	S-4 (4.0')	Total/NA	Solid	5035	
880-67022-17	S-5 (0-1')	Total/NA	Solid	5035	
880-67022-18	S-5 (2.0')	Total/NA	Solid	5035	
880-67022-19	S-5 (3.0')	Total/NA	Solid	5035	
880-67022-20	S-5 (4.0')	Total/NA	Solid	5035	
MB 880-129028/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129028/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129028/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67022-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-67022-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

##### Analysis Batch: 129109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	8021B	129028
880-67022-2	S-1 (2.0')	Total/NA	Solid	8021B	129028
880-67022-3	S-1 (3.0')	Total/NA	Solid	8021B	129028
880-67022-4	S-1 (4.0')	Total/NA	Solid	8021B	129028
880-67022-5	S-2 (0-1')	Total/NA	Solid	8021B	129028
880-67022-6	S-2 (2.0')	Total/NA	Solid	8021B	129028
880-67022-7	S-2 (3.0')	Total/NA	Solid	8021B	129028
880-67022-8	S-2 (4.0')	Total/NA	Solid	8021B	129028
880-67022-9	S-3 (0-1')	Total/NA	Solid	8021B	129028
880-67022-10	S-3 (2.0')	Total/NA	Solid	8021B	129028
880-67022-11	S-3 (3.0')	Total/NA	Solid	8021B	129028
880-67022-12	S-3 (4.0')	Total/NA	Solid	8021B	129028
880-67022-13	S-4 (0-1')	Total/NA	Solid	8021B	129028
880-67022-14	S-4 (2.0')	Total/NA	Solid	8021B	129028
880-67022-15	S-4 (3.0')	Total/NA	Solid	8021B	129028
880-67022-16	S-4 (4.0')	Total/NA	Solid	8021B	129028
880-67022-17	S-5 (0-1')	Total/NA	Solid	8021B	129028
880-67022-18	S-5 (2.0')	Total/NA	Solid	8021B	129028
880-67022-19	S-5 (3.0')	Total/NA	Solid	8021B	129028
880-67022-20	S-5 (4.0')	Total/NA	Solid	8021B	129028
MB 880-129028/5-A	Method Blank	Total/NA	Solid	8021B	129028
LCS 880-129028/1-A	Lab Control Sample	Total/NA	Solid	8021B	129028
LCSD 880-129028/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129028

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## GC VOA (Continued)

## Analysis Batch: 129109 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	129028
880-67022-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	129028

## Analysis Batch: 129345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-67022-2	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-67022-3	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-67022-4	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-67022-5	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-67022-6	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-67022-7	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-67022-8	S-2 (4.0')	Total/NA	Solid	Total BTEX	
880-67022-9	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-67022-10	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-67022-11	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-67022-12	S-3 (4.0')	Total/NA	Solid	Total BTEX	
880-67022-13	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-67022-14	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-67022-15	S-4 (3.0')	Total/NA	Solid	Total BTEX	
880-67022-16	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-67022-17	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-67022-18	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-67022-19	S-5 (3.0')	Total/NA	Solid	Total BTEX	
880-67022-20	S-5 (4.0')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 129026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-67022-2	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-67022-3	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-67022-4	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-67022-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-67022-6	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-67022-7	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-67022-8	S-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-67022-9	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-67022-10	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-67022-11	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-67022-12	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-67022-13	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-67022-14	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-67022-15	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-129026/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129026/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67018-A-21-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-67018-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## GC Semi VOA

## Prep Batch: 129027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-16	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-67022-17	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-67022-18	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-67022-19	S-5 (3.0')	Total/NA	Solid	8015NM Prep	
880-67022-20	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-129027/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129027/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-129027/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67022-16 MS	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-67022-16 MSD	S-4 (4.0')	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 129212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	8015B NM	129026
880-67022-2	S-1 (2.0')	Total/NA	Solid	8015B NM	129026
880-67022-3	S-1 (3.0')	Total/NA	Solid	8015B NM	129026
880-67022-4	S-1 (4.0')	Total/NA	Solid	8015B NM	129026
880-67022-5	S-2 (0-1')	Total/NA	Solid	8015B NM	129026
880-67022-6	S-2 (2.0')	Total/NA	Solid	8015B NM	129026
880-67022-7	S-2 (3.0')	Total/NA	Solid	8015B NM	129026
880-67022-8	S-2 (4.0')	Total/NA	Solid	8015B NM	129026
880-67022-9	S-3 (0-1')	Total/NA	Solid	8015B NM	129026
880-67022-10	S-3 (2.0')	Total/NA	Solid	8015B NM	129026
880-67022-11	S-3 (3.0')	Total/NA	Solid	8015B NM	129026
880-67022-12	S-3 (4.0')	Total/NA	Solid	8015B NM	129026
880-67022-13	S-4 (0-1')	Total/NA	Solid	8015B NM	129026
880-67022-14	S-4 (2.0')	Total/NA	Solid	8015B NM	129026
880-67022-15	S-4 (3.0')	Total/NA	Solid	8015B NM	129026
880-67022-16	S-4 (4.0')	Total/NA	Solid	8015B NM	129027
880-67022-17	S-5 (0-1')	Total/NA	Solid	8015B NM	129027
880-67022-18	S-5 (2.0')	Total/NA	Solid	8015B NM	129027
880-67022-19	S-5 (3.0')	Total/NA	Solid	8015B NM	129027
880-67022-20	S-5 (4.0')	Total/NA	Solid	8015B NM	129027
MB 880-129026/1-A	Method Blank	Total/NA	Solid	8015B NM	129026
MB 880-129027/1-A	Method Blank	Total/NA	Solid	8015B NM	129027
LCS 880-129026/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129026
LCS 880-129027/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129027
LCSD 880-129026/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129026
LCSD 880-129027/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129027
880-67018-A-21-C MS	Matrix Spike	Total/NA	Solid	8015B NM	129026
880-67018-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	129026
880-67022-16 MS	S-4 (4.0')	Total/NA	Solid	8015B NM	129027
880-67022-16 MSD	S-4 (4.0')	Total/NA	Solid	8015B NM	129027

## Analysis Batch: 129341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-67022-2	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-67022-3	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-67022-4	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-67022-5	S-2 (0-1')	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 129341 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-6	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-67022-7	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-67022-8	S-2 (4.0')	Total/NA	Solid	8015 NM	
880-67022-9	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-67022-10	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-67022-11	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-67022-12	S-3 (4.0')	Total/NA	Solid	8015 NM	
880-67022-13	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-67022-14	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-67022-15	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-67022-16	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-67022-17	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-67022-18	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-67022-19	S-5 (3.0')	Total/NA	Solid	8015 NM	
880-67022-20	S-5 (4.0')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 129023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-67022-2	S-1 (2.0')	Soluble	Solid	DI Leach	
880-67022-3	S-1 (3.0')	Soluble	Solid	DI Leach	
880-67022-4	S-1 (4.0')	Soluble	Solid	DI Leach	
880-67022-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-67022-6	S-2 (2.0')	Soluble	Solid	DI Leach	
880-67022-7	S-2 (3.0')	Soluble	Solid	DI Leach	
880-67022-8	S-2 (4.0')	Soluble	Solid	DI Leach	
880-67022-9	S-3 (0-1')	Soluble	Solid	DI Leach	
880-67022-10	S-3 (2.0')	Soluble	Solid	DI Leach	
880-67022-11	S-3 (3.0')	Soluble	Solid	DI Leach	
880-67022-12	S-3 (4.0')	Soluble	Solid	DI Leach	
880-67022-13	S-4 (0-1')	Soluble	Solid	DI Leach	
880-67022-14	S-4 (2.0')	Soluble	Solid	DI Leach	
880-67022-15	S-4 (3.0')	Soluble	Solid	DI Leach	
880-67022-16	S-4 (4.0')	Soluble	Solid	DI Leach	
880-67022-17	S-5 (0-1')	Soluble	Solid	DI Leach	
880-67022-18	S-5 (2.0')	Soluble	Solid	DI Leach	
880-67022-19	S-5 (3.0')	Soluble	Solid	DI Leach	
880-67022-20	S-5 (4.0')	Soluble	Solid	DI Leach	
MB 880-129023/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129023/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129023/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67022-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-67022-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-67022-11 MS	S-3 (3.0')	Soluble	Solid	DI Leach	
880-67022-11 MSD	S-3 (3.0')	Soluble	Solid	DI Leach	

## Analysis Batch: 129035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-1	S-1 (0-1')	Soluble	Solid	300.0	129023

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

## HPLC/IC (Continued)

## Analysis Batch: 129035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67022-2	S-1 (2.0')	Soluble	Solid	300.0	129023
880-67022-3	S-1 (3.0')	Soluble	Solid	300.0	129023
880-67022-4	S-1 (4.0')	Soluble	Solid	300.0	129023
880-67022-5	S-2 (0-1')	Soluble	Solid	300.0	129023
880-67022-6	S-2 (2.0')	Soluble	Solid	300.0	129023
880-67022-7	S-2 (3.0')	Soluble	Solid	300.0	129023
880-67022-8	S-2 (4.0')	Soluble	Solid	300.0	129023
880-67022-9	S-3 (0-1')	Soluble	Solid	300.0	129023
880-67022-10	S-3 (2.0')	Soluble	Solid	300.0	129023
880-67022-11	S-3 (3.0')	Soluble	Solid	300.0	129023
880-67022-12	S-3 (4.0')	Soluble	Solid	300.0	129023
880-67022-13	S-4 (0-1')	Soluble	Solid	300.0	129023
880-67022-14	S-4 (2.0')	Soluble	Solid	300.0	129023
880-67022-15	S-4 (3.0')	Soluble	Solid	300.0	129023
880-67022-16	S-4 (4.0')	Soluble	Solid	300.0	129023
880-67022-17	S-5 (0-1')	Soluble	Solid	300.0	129023
880-67022-18	S-5 (2.0')	Soluble	Solid	300.0	129023
880-67022-19	S-5 (3.0')	Soluble	Solid	300.0	129023
880-67022-20	S-5 (4.0')	Soluble	Solid	300.0	129023
MB 880-129023/1-A	Method Blank	Soluble	Solid	300.0	129023
LCS 880-129023/2-A	Lab Control Sample	Soluble	Solid	300.0	129023
LCSD 880-129023/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129023
880-67022-1 MS	S-1 (0-1')	Soluble	Solid	300.0	129023
880-67022-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	129023
880-67022-11 MS	S-3 (3.0')	Soluble	Solid	300.0	129023
880-67022-11 MSD	S-3 (3.0')	Soluble	Solid	300.0	129023

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-1 (0-1')**

**Lab Sample ID: 880-67022-1**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 13:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 13:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 23:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 23:26	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 14:26	CS	EET MID

**Client Sample ID: S-1 (2.0')**

**Lab Sample ID: 880-67022-2**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 13:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 23:40	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 14:41	CS	EET MID

**Client Sample ID: S-1 (3.0')**

**Lab Sample ID: 880-67022-3**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 13:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 13:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 23:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 23:55	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 14:46	CS	EET MID

**Client Sample ID: S-1 (4.0')**

**Lab Sample ID: 880-67022-4**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 14:06	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-1 (4.0')**

**Lab Sample ID: 880-67022-4**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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			129341	01/19/26 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 00:09	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 14:51	CS	EET MID

**Client Sample ID: S-2 (0-1')**

**Lab Sample ID: 880-67022-5**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 14:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 14:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 00:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 00:23	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 14:56	CS	EET MID

**Client Sample ID: S-2 (2.0')**

**Lab Sample ID: 880-67022-6**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 14:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 00:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 00:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:11	CS	EET MID

**Client Sample ID: S-2 (3.0')**

**Lab Sample ID: 880-67022-7**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 15:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 01:06	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-2 (3.0')**

**Lab Sample ID: 880-67022-7**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:16	CS	EET MID

**Client Sample ID: S-2 (4.0')**

**Lab Sample ID: 880-67022-8**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 15:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 15:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 01:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 01:21	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:20	CS	EET MID

**Client Sample ID: S-3 (0-1')**

**Lab Sample ID: 880-67022-9**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 15:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 15:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 01:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 01:34	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:25	CS	EET MID

**Client Sample ID: S-3 (2.0')**

**Lab Sample ID: 880-67022-10**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 16:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 01:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:30	CS	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-3 (3.0')**

**Lab Sample ID: 880-67022-11**

**Date Collected: 01/14/26 00:00**

**Matrix: Solid**

**Date Received: 01/14/26 17:00**

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 17:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 02:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 02:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:35	CS	EET MID

**Client Sample ID: S-3 (4.0')**

**Lab Sample ID: 880-67022-12**

**Date Collected: 01/14/26 00:00**

**Matrix: Solid**

**Date Received: 01/14/26 17:00**

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 18:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 02:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 02:17	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:50	CS	EET MID

**Client Sample ID: S-4 (0-1')**

**Lab Sample ID: 880-67022-13**

**Date Collected: 01/14/26 00:00**

**Matrix: Solid**

**Date Received: 01/14/26 17:00**

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 18:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 02:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 02:32	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 15:55	CS	EET MID

**Client Sample ID: S-4 (2.0')**

**Lab Sample ID: 880-67022-14**

**Date Collected: 01/14/26 00:00**

**Matrix: Solid**

**Date Received: 01/14/26 17:00**

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 19:01	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-4 (2.0')**

**Lab Sample ID: 880-67022-14**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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			129341	01/19/26 02:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 02:46	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:10	CS	EET MID

**Client Sample ID: S-4 (3.0')**

**Lab Sample ID: 880-67022-15**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 19:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/19/26 03:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129026	01/15/26 10:53	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/19/26 03:00	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:15	CS	EET MID

**Client Sample ID: S-4 (4.0')**

**Lab Sample ID: 880-67022-16**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 19:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 14:20	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129027	01/15/26 10:58	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 14:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:20	CS	EET MID

**Client Sample ID: S-5 (0-1')**

**Lab Sample ID: 880-67022-17**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 20:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 15:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129027	01/15/26 10:58	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 15:04	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
 SDG: Lea County, New Mexico

**Client Sample ID: S-5 (0-1')**

**Lab Sample ID: 880-67022-17**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:25	CS	EET MID

**Client Sample ID: S-5 (2.0')**

**Lab Sample ID: 880-67022-18**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 20:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 15:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129027	01/15/26 10:58	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 15:19	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:30	CS	EET MID

**Client Sample ID: S-5 (3.0')**

**Lab Sample ID: 880-67022-19**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 20:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 15:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	129027	01/15/26 10:58	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 15:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:34	CS	EET MID

**Client Sample ID: S-5 (4.0')**

**Lab Sample ID: 880-67022-20**

Date Collected: 01/14/26 00:00

Matrix: Solid

Date Received: 01/14/26 17:00

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	129028	01/15/26 11:05	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	129109	01/16/26 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			129345	01/16/26 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			129341	01/18/26 15:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	129027	01/15/26 10:58	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	129212	01/18/26 15:49	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129023	01/15/26 10:36	SA	EET MID
Soluble	Analysis	300.0		1			129035	01/15/26 16:39	CS	EET MID

Eurofins Midland

# Lab Chronicle

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

**Laboratory References:**

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

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- 2
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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, 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	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

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# Method Summary

Client: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, 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: Carmona Resources  
Project/Site: Maxus B 8026 JV-P #001 (04.24.2007)

Job ID: 880-67022-1  
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67022-1	S-1 (0-1')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-2	S-1 (2.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-3	S-1 (3.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-4	S-1 (4.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-5	S-2 (0-1')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-6	S-2 (2.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-7	S-2 (3.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-8	S-2 (4.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-9	S-3 (0-1')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-10	S-3 (2.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-11	S-3 (3.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-12	S-3 (4.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-13	S-4 (0-1')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-14	S-4 (2.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-15	S-4 (3.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-16	S-4 (4.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-17	S-5 (0-1')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-18	S-5 (2.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-19	S-5 (3.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico
880-67022-20	S-5 (4.0')	Solid	01/14/26 00:00	01/14/26 17:00	New Mexico

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### Chain of Custody



880-67022 Chain of Custody

Page 1 of 2

<b>Project Manager:</b> Ashton Thielke <b>Company Name:</b> Carmona Resources <b>Address:</b> 310 W Wall St Ste 500 Midland, TX 79701 <b>City, State ZIP:</b> <b>Phone:</b> 432-813-8988 Email: ThielkeA@carmonaresources.com	<b>Bill to: (if different):</b> Carmona <b>Company Name:</b> <b>Address:</b> <b>City, State ZIP:</b>	<b>Program:</b> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/> <b>State of Project:</b> Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	None: NO    DI Water: H <sub>2</sub> O Cool: Cool    MeOH: Me HCL: HC    HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC			
<b>ANALYSIS REQUEST</b>						
<b>Project Name:</b> Maxus B 8026 JV-P #001 (04.24.2007) <b>Project Number:</b> 2792 <b>Project Location:</b> Lea County, New Mexico <b>Sampler's Name:</b> JR <b>PO #:</b>		<b>Turn Around:</b> <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush <b>Due Date:</b> _____ <b>Wet Ice:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
<b>SAMPLE RECEIPT</b> Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Total Containers: _____		<b>Parameters</b> Thermometer ID: _____ Correction Factor: -0.1 Temperature Reading: 72 Corrected Temperature: 70				
<b>Sample Identification</b>	<b>Date</b>	<b>Time</b>	<b>Soil</b>	<b>Water</b>	<b>Grab/Comp</b>	<b># of Cont</b>
S-1 (0-1)	1/14/2026		X		Grab/	1
S-1 (2-0)	1/14/2026		X		Grab/	1
S-1 (3-0)	1/14/2026		X		Grab/	1
S-1 (4-0)	1/14/2026		X		Grab/	1
S-2 (0-1)	1/14/2026		X		Grab/	1
S-2 (2-0)	1/14/2026		X		Grab/	1
S-2 (3-0)	1/14/2026		X		Grab/	1
S-2 (4-0)	1/14/2026		X		Grab/	1
S-3 (0-1)	1/14/2026		X		Grab/	1
S-3 (2-0)	1/14/2026		X		Grab/	1
BTEX 8021B    TPH 8015M (GRO + DRO + MRO)    Chloride 300    Hold						
<b>Preservative Codes</b>						
None: NO    DI Water: H <sub>2</sub> O Cool: Cool    MeOH: Me HCL: HC    HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC						
<b>Sample Comments</b>						
Comments:						
<b>Relinquished by: (Signature)</b>					<b>Date/Time</b>	
_____ Received by: (Signature)					_____ Date/Time: 1-14-26 1700	

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-67022-1  
SDG Number: Lea County, New Mexico

**Login Number: 67022**  
**List Number: 1**  
**Creator: Dyal, Erica**

**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").	N/A	

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 549125

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nPAC0716945342
Incident Name	NPAC0716945342 MAXUS B 8026 JV-P #001 @ 30-025-29807
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29807] MAXUS B 8026 JV-P #001

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	MAXUS B 8026 JV-P #001
Date Release Discovered	04/24/2007
Surface Owner	State

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

<b>Nature and Volume of Release</b>	
<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:   Separator   Crude Oil   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</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.*

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

*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: 02/02/2026
--	---

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QUESTIONS, Page 3

Action 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 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)	70
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	01/14/2026
On what date will (or did) the final sampling or liner inspection occur	01/14/2026
On what date will (or was) the remediation complete(d)	01/14/2026
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 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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)	Yes
Other Non-listed Remedial Process. Please specify	Area was sampled per NMOCD correspondence. Vertical delineation samples all within acceptable limits per NMAC 19.15.29.12

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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 02/02/2026
--	---

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.

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QUESTIONS, Page 5

Action 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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

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**Santa Fe, NM 87505**

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Action 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>541718</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>01/15/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>11</b>
What was the sampling surface area in square feet	<b>36</b>

<b>Remediation Closure Request</b>	
<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	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)	Area was sampled per NMOCD correspondence. Vertical delineation samples all within acceptable limits per NMAC 19.15.29.12

*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: 02/02/2026
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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 549125

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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**Santa Fe, NM 87505**

CONDITIONS

Action 549125

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 549125
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	4/1/2026