



05/22/2023 12:00

CARMONA RESOURCES



SITE INFORMATION

**Site Assessment Report
Superior State
Lea County, New Mexico
Unit K Sec 07 T15S R35E
33.029765°, -103.448931°**

CARMONA RESOURCES



**Prepared for:
Fasken Oil and Ranch, Ltd
6101 Holiday Hill Road
Midland, TX 79707**

**Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701**

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992



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May 11, 2023

Environmental Compliance Office
Surface Resources Division
New Mexico State Land Office

**Re: Site Assessment Report
Superior State
Fasken Oil and Ranch, Ltd
Site Location: Unit K, S07, T15S, R35E
(Lat 33.029765°, Long -103.448931°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Fasken Oil and Ranch, Ltd, Carmona Resources, LLC has prepared this letter to document the Superior State site activities. The site is located at 33.029765°, -103.448931 ° within Unit K, S07, T15S, R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on site visits and email correspondence before reclamation activities, multiple areas of impacted surface material were documented on the pad. Before conducting reclamation activities, Fasken removed the impacted material and removed the pea gravel from inside the tank battery facility before proceeding with the reclamation process.

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, five known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.02 miles Northwest of the site in S07, T15S, R35E and was drilled in 1983. The well has a reported depth to groundwater of 75' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

On April 20, 2022, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 51 ft below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 51' below the surface. The coordinates for the groundwater determination bore are 33.029823°, -103.453124. See Appendix D for the driller's log.

3.0 NMAC Regulatory Criteria

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

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4.0 Site Activities

On March 17, 2023, Carmona Resources, LLC performed site assessment activities to evaluate areas of surface staining on the pad. A total of eight (8) sample points (S-1 through S-8) were excavated to depths ranging from the surface to 0.5' bgs inside the release area to evaluate the vertical extent. 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. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. The sample locations are shown in Figure 3. Refer to Table 1.

All samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 1.

5.0 Reclamation Activities

Once the remediation activities were completed, approximately 60 cubic yards of material were excavated and transported offsite for proper disposal.

The reclaimed pad, pasture, and lease road areas contained appropriate material to establish 50% vegetation growth at the site. The ripped areas were seeded on April 25, 2023. The appropriate pounds of pure live seed per acre were used. The seed mixture was spread by a tractor and a seed drill equipped with a depth regulator. The seed mixture used was the SLO Coarse mixture, as requested by the SLO (See attachments in Appendix C) upon the request from the SLO after a site visit to check the process. Fasken removed large rocks in the ripped areas to help aid vegetation growth.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

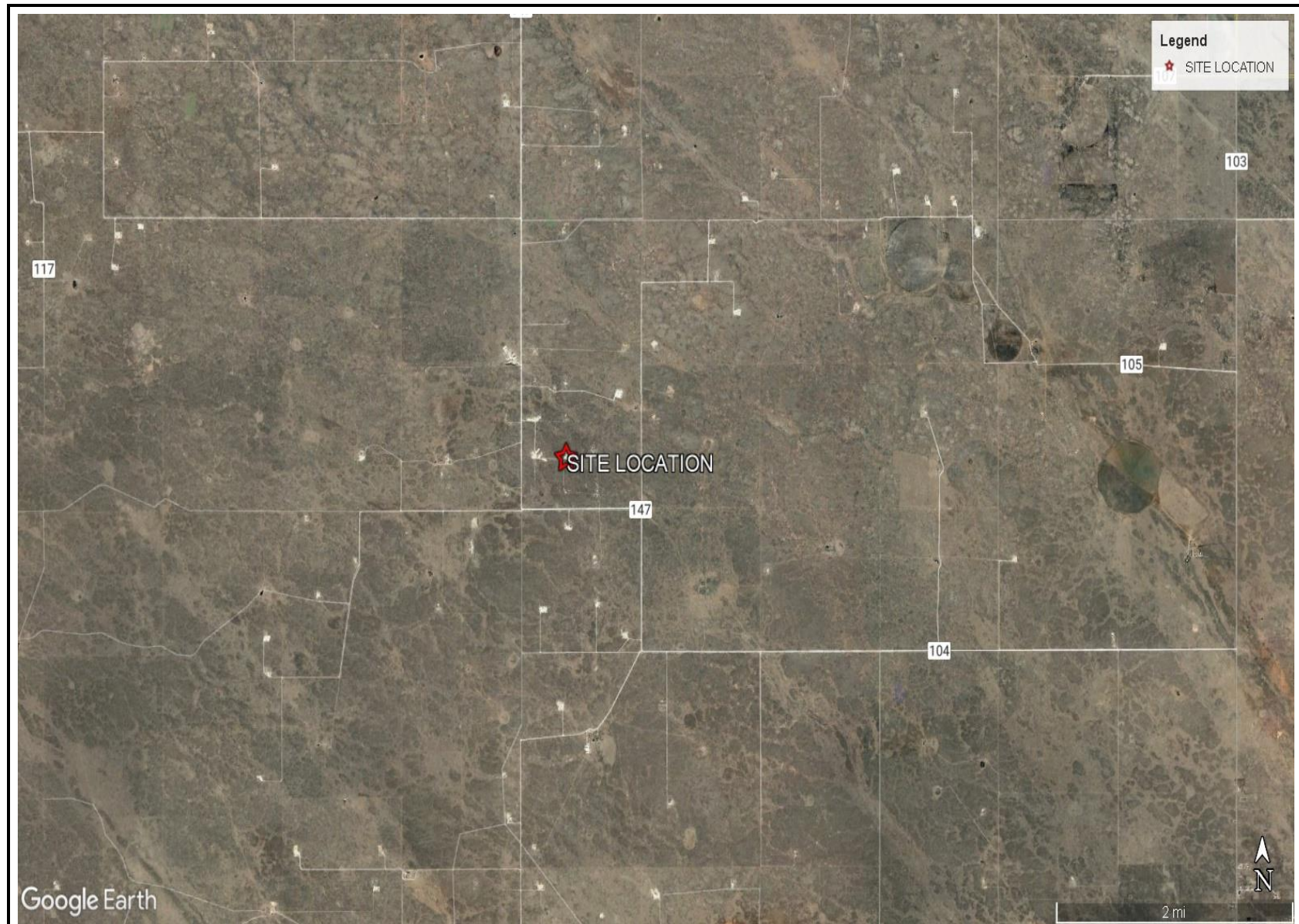
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

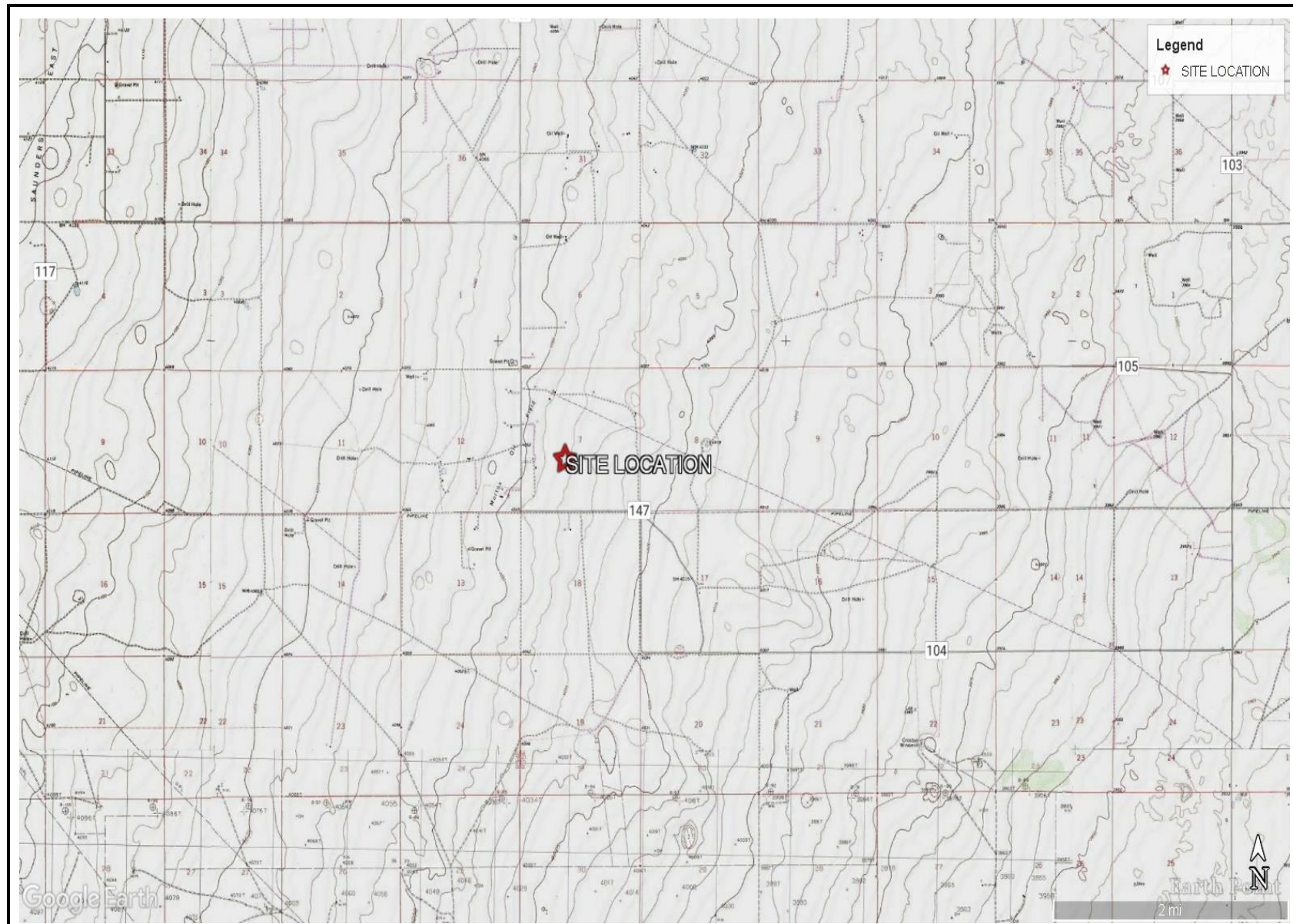




OVERVIEW MAP
FASKEN OIL AND RANCH, LTD
SUPERIOR STATE
LEA COUNTY, NEW MEXICO
33.029765, -103.448931



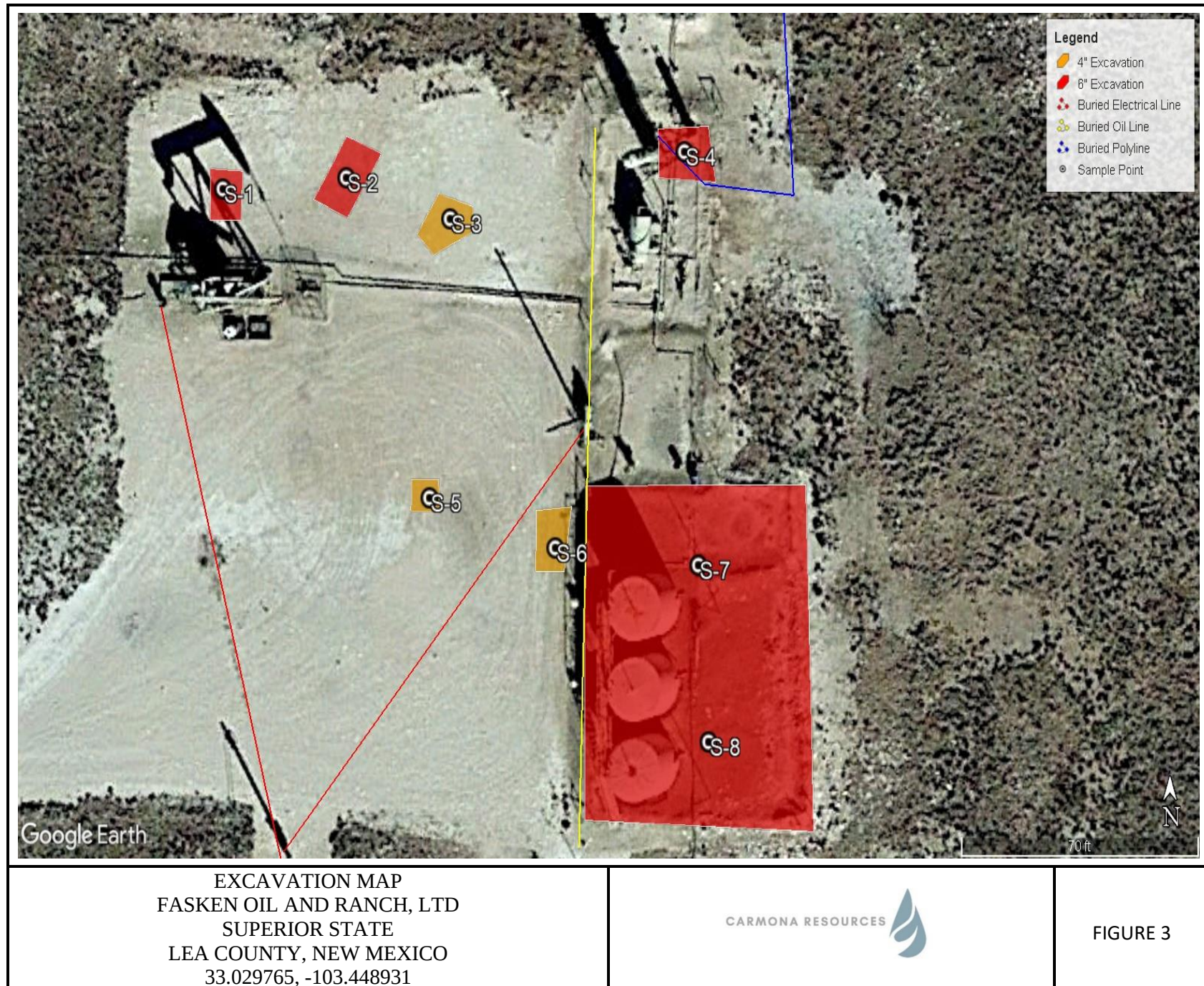
FIGURE 1

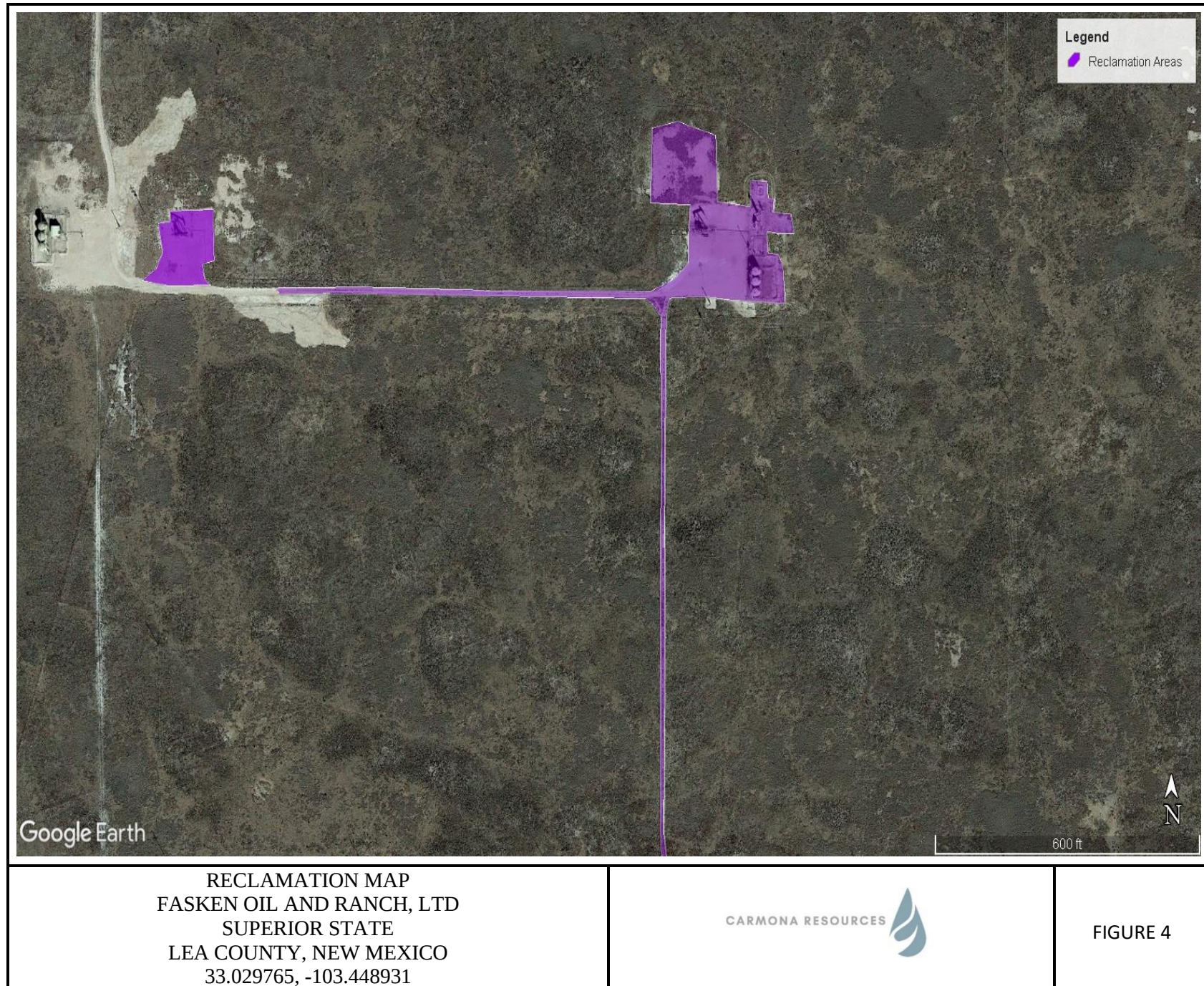


TOPOGRAPHIC MAP
 FASKEN OIL AND RANCH, LTD
 SUPERIOR STATE
 LEA COUNTY, NEW MEXICO
 33.029765, -103.448931



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Fasken Oil and Ranch
Superior State
Lea County, New Mexico

Sample ID	Date	Depth (in)	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	2/9/2023	6.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	43.2
S-2	2/9/2023	6.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.99
S-3	2/9/2023	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	16.1
S-4	2/9/2023	6.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
S-5	2/9/2023	4.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	116
S-6	2/9/2023	4.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	196
S-7	2/9/2023	6.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	162
S-8	2/9/2023	6.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	141
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

in-inches

(S) Sample Point

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Fasken Oil and Ranch

Photograph No. 1

Facility: Superior State

County: Lea County, New Mexico

Description:

View East of sample points (1-3) prior to excavation.



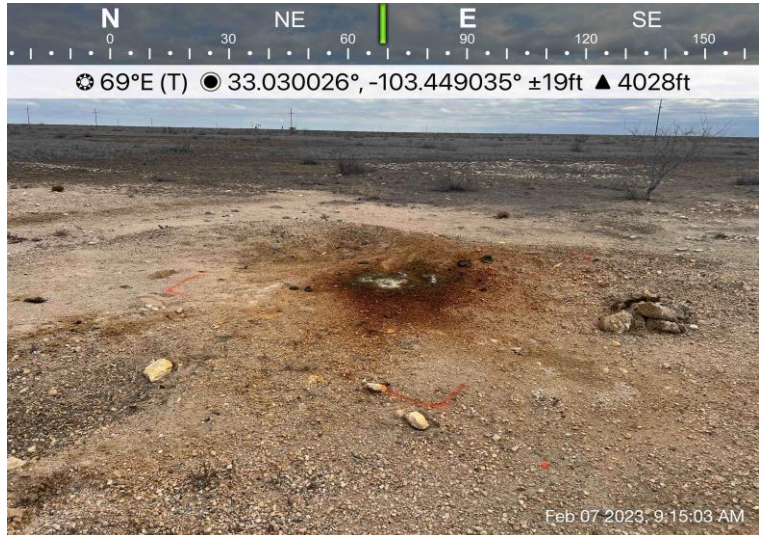
Photograph No. 2

Facility: Superior State

County: Lea County, New Mexico

Description:

View East of sample point 4 prior to excavation.



Photograph No. 3

Facility: Superior State

County: Lea County, New Mexico

Description:

View West of sample points (5-6).



PHOTOGRAPHIC LOG

Fasken Oil and Ranch

Photograph No. 4

Facility: Superior State

County: Lea County, New Mexico

Description:

View Southeast, area of sample points (7-8) during excavation



Photograph No. 5

Facility: Superior State

County: Lea County, New Mexico

Description:

View Northwest of the reclaimed area.



Photograph No. 6

Facility: Superior State

County: Lea County, New Mexico

Description:

View North, of the reclaimed area.



PHOTOGRAPHIC LOG

Fasken Oil and Ranch

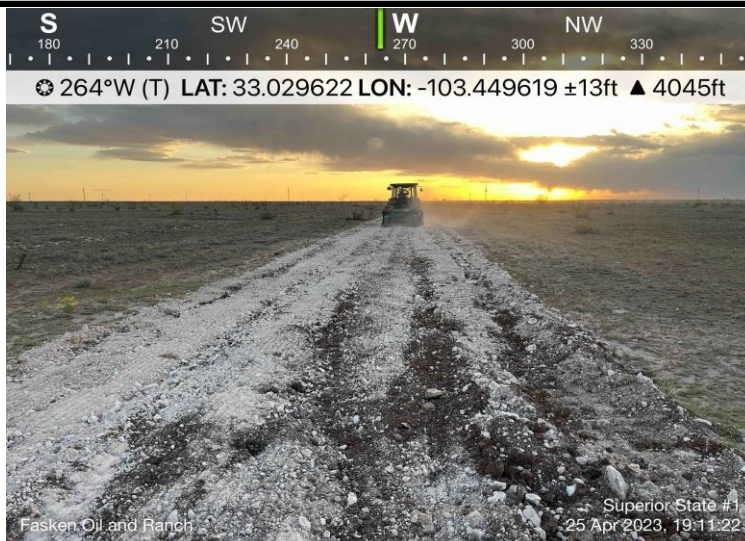
Photograph No. 7

Facility: Superior State

County: Lea County, New Mexico

Description:

View West, of the reclaimed area and reseeding.



Photograph No. 8

Facility: Superior State

County: Lea County, New Mexico

Description:

View South, of the reclaimed area and reseeding.



Photograph No. 9

Facility: Superior State

County: Lea County, New Mexico

Description:

View East, of the reclaimed area and reseeding.



APPENDIX C

CARMONA RESOURCES



From: Mike Carmona
Sent: Tuesday, November 8, 2022 9:51 AM
To: Grant Huckabay
Cc: Addison Guelker; Conner Moehring
Subject: RE: SW-114, Cabot Q State #1, 30-025-02690 NM SLO remediation RE: Morton Field Reclamation

Grant,

When is a good time for you to meet me on location? I'm tied up this week but free anytime next week.

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



From: [Grant Huckabay](#)
Sent: Tuesday, November 8, 2022 9:40 AM
To: [Mike Carmona](#)
Cc: [Addison Guelker](#)
Subject: FW: SW-114, Cabot Q State #1, 30-025-02690 NM SLO remediation RE: Morton Field Reclamation

Mike,

The SLO and Fasken have come to an agreement on reclamation procedures and the SLO has approved the original remediation plan for the Cabot. Please see below. Let's start getting a revised cost estimate. It might be worth making a site visit before revising your cost estimate. If you can, I might be able to meet you out there. Let me know if you have any questions. Thanks.

Grant

From: Griffin, Becky R. <bgriffin@slo.state.nm.us>
Sent: Monday, November 7, 2022 3:47 PM
To: Grant Huckabay <granth@forl.com>
Cc: Barnes, Will <wbarnes@slo.state.nm.us>; Biernoff, Ari <abiernoff@slo.state.nm.us>
Subject: FW: SW-114, Cabot Q State #1, 30-025-02690 NM SLO remediation RE: Morton Field Reclamation

Grant,

Thank you for submitting the additional reclamation plans we discussed and have agreed upon. Below is a list of the original plans that are also included in the agreed plan.

- Removing any surface staining and taking confirmation samples to ensure this impacted material has been removed.
- Utilizing rippers on a dozer to rip the locations and roads.
- Seed the locations and roads.
- Monitor for vegetation.

I have attached the seed mixture for these locations.

I look forward to working with you on these sites. When you have a start date in mind let me know. Please let me know if you have any questions.

Thank you,

Becky

From: Grant Huckabay <granth@forl.com>

Sent: Tuesday, November 1, 2022 3:46 PM

To: Griffin, Becky R. <bgriffin@slo.state.nm.us>

Cc: Addison Guelker <addisong@forl.com>; Barnes, Will <wbarnes@slo.state.nm.us>; Biernoff, Ari <abiernoff@slo.state.nm.us>

Subject: [EXTERNAL] RE: SW-114, Cabot Q State #1, 30-025-02690 NM SLO remediation RE: Morton Field Reclamation

Becky,

Per our conversation today we discussed the following.

Fasken will haul off all pea gravel inside the bermed areas at the batteries. Any bermed caliche that we cannot contour into the pad and then rip, we will haul off.

The fluff material we will take a 5 point composite every 600 square feet. We will wait on you to send us example pictures of this fluff material. The stained areas we will obtain grab samples based on our discretion.

The roads and locations for the James O'Neil Battery, James O'Neill No. 1, Superior State No. 2, Superior State No. 1 and Superior State Battery will be ripped and seeded. Any areas that need additional fill, we will bring top soil in. You will send us the native rangeland seed mixture we will seed with. Once these areas are seeded, monitoring will be conducted for vegetation growth to 50% growth.

The SLO has approved the work plan for the Cabot Q SWD (Incident ID nAPP2213946329) spill remediation.

All power lines will be removed. After further research Fasken will be getting a hold of Lea County Electric to remove these power lines as this electric infrastructure belongs to them.

To answer your question, the riser south of the road from the James O' Neill Battery belongs to Targa Resources.

To answer your question, we did find out the Superior A State #1 road (south of the Superior State Battery) did belong to Fasken. I don't believe it was ever ripped and seeded. We will rip and seed the road.

Let me know if you have any questions.

Thanks,



Grant Huckabay
6101 Holiday Hill Road
Midland, TX 79707
Office: 432.687.1777
Cell: 432.288.5529
granth@forl.com

From: Grant Huckabay
Sent: Tuesday, November 1, 2022 8:23 AM
To: Griffin, Becky R. <bgriffin@slo.state.nm.us>
Cc: Addison Guelker <addisong@forl.com>; Barnes, Will <wbarnes@slo.state.nm.us>; Biernoff, Ari <abiernoff@slo.state.nm.us>
Subject: RE: SW-114, Cabot Q State #1, 30-025-02690 NM SLO remediation RE: Morton Field Reclamation

Becky,

Are there any updates or is there anything additional you need from us?

Thanks,



Grant Huckabay
6101 Holiday Hill Road
Midland, TX 79707
Office: 432.687.1777
granth@forl.com

NMSLO Seed Mix**Coarse (CS)****COARSE (CS) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
<u>Grasses:</u>			
Sand bluestem	VNS, Southern	2.0	F
Sideoats grama	Vaughn, El Reno	2.0	F
Blue grama	Hachita, Lovington	1.5	D
Little bluestem	Cimmaron, Pastura	1.5	F
Sand dropseed	VNS, Southern	1.0	S
Plains bristlegrass	VNS, Southern	0.75	D
<u>Forbs:</u>			
Parry penstemon	VNS, Southern	1.0	D
Desert globemallow	VNS, Southern	1.0	D
White prairieclover	Kaneb, VNS	0.5	D
Sulfur buckwheat	VNS, Southern	0.5	D
<u>Shrubs:</u>			
Fourwing saltbush	VNS, Southern	1.0	D
Skunkbush sumac	VNS, Southern	1.0	D
Common winterfat	VNS, Southern	1.0	F
Fringed sagewort	VNS, Southern	0.5	F
Total PLS/acre		18.25	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow.
- If one species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.

APPENDIX D

CARMONA RESOURCES



Legend

- 0.17 Miles
- 0.19 Miles
- 0.25 Miles
- 0.25 Miles
- 0.45 Miles
- Groundwater Determination Bore
- NMSEO Water Well
- Superior State

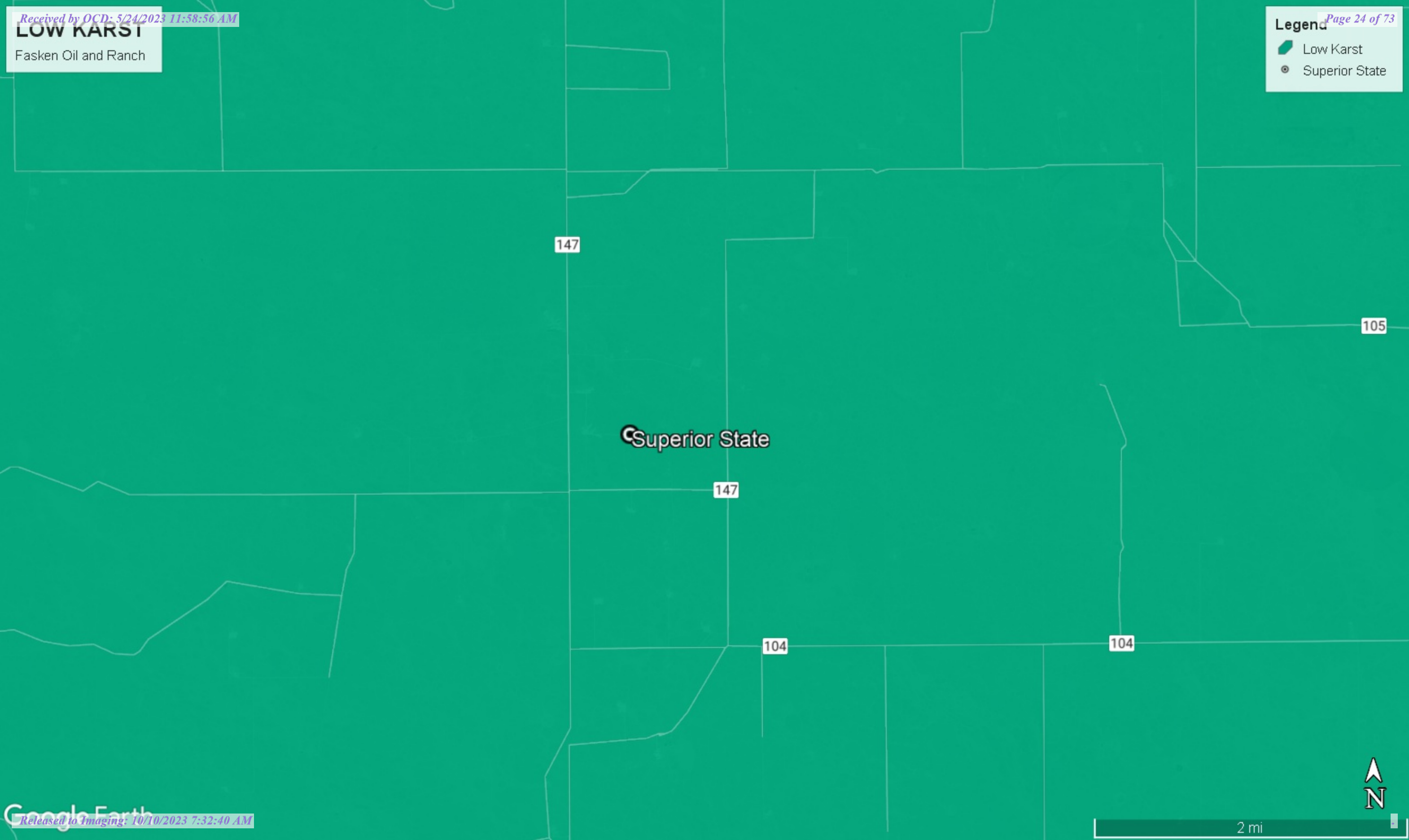


LOW KARST

Fasken Oil and Ranch

Legend

-  Low Karst
-  Superior State



2 mi

N



Project Name :		Fasken Oil and Ranch Superior State #2	Date :	Wednesday, April 20, 2022
Project No. :	1044		Sampler :	Lane Scarborough
Location :	Lea County, New Mexico			
Coordinates :	33.029823, -103.453124		Driller :	Scarborough Drilling
Elevation :	4,047		Method :	Air Rotary

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		(0'-1') - White well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GW).		50		(50'-51') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).	
5		(5') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		55			
10		(10') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		60			
15		(15') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		65			
20		(20') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		70			
25		(25') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		75			
30		(30') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		80			
35		(35') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		85			
40		(40') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		90			
45		(45') - Light brown well graded gravel, w/ <50% loose, coarse sand and caliche, no organics, dry (GM).		95			
50				105			

Comments : Boring terminated at 51' with no presence of groundwater or moisture.

72 hours later no presence of groundwater was detected



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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 00110	R	L	LE	4	3	35	15S	35E		651384	3648949*	82	70	12
L 00110 POD3		L	LE	3	4	1	35	15S	35E	651270	3649653*	95	45	50
L 00110 POD4	R	L	LE	1	1	3	35	15S	35E	650874	3649443*	110	55	55
L 00110 POD5		L	LE	2	4	1	35	15S	35E	651470	3649853*	110	55	55
L 00110 POD6		L	LE	4	3	35	15S	35E		651384	3648949*	132	70	62
L 00110 S		L	LE	3	3	1	35	15S	35E	650867	3649646*	100		
L 00110 S	R	L	LE	3	3	1	35	15S	35E	650867	3649646*	100		
L 00439		L	LE	1	1	1	35	15S	35E	650861	3650249*	100		
L 00439 POD2		L	LE	1	1	35	15S	35E		650962	3650150*	120	40	80
L 00534		L	LE	1	1	2	36	15S	35E	653278	3650292*	105		
L 00534	R	L	LE	1	1	2	36	15S	35E	653278	3650292*	105		
L 00534 POD2	R	L	LE		1	36	15S	35E		652781	3649976*	110	50	60
L 00534 POD3		L	LE		1	36	15S	35E		652781	3649976*	130	55	75
L 00534 POD3	R	L	LE		1	36	15S	35E		652781	3649976*	130	55	75
L 00534 POD4		L	LE	1	1	1	36	15S	35E	652472	3650277*	187	55	132
L 00534 POD4	R	L	LE	1	1	1	36	15S	35E	652472	3650277*	187	55	132
L 00534 POD5		L	LE	3	2	36	15S	35E		653386	3649790*	130	68	62
L 00534 POD5	R	L	LE	3	2	36	15S	35E		653386	3649790*	130	68	62
L 00534 POD6		L	LE	3	1	36	15S	35E		652580	3649775*	153	62	91
L 00534 POD6	R	L	LE	3	1	36	15S	35E		652580	3649775*	153	62	91
L 00535		L	LE	1	1	1	36	15S	35E	652472	3650277*	105	56	49
L 00535	R	L	LE	1	1	1	36	15S	35E	652472	3650277*	105	56	49
L 00627		L	LE	4	2	4	31	15S	35E	645838	3649144*	70	55	15
L 00627 POD3		L	LE	1	1	3	32	15S	35E	646041	3649352*	90	60	30
L 00627 S		L	LE	2	1	4	31	15S	35E	645435	3649337*			
L 00674		L	LE	1	3	3	35	15S	35E	650880	3649041*	69	65	4

*UTM location was derived from PLSS - see Help

(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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column		
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng							
L 00797 POD2		L	LE	1	1	03	15S	35E	649227	3658168*		126	40	86		
L 00797 POD3		R	L	LE	3	1	3	02	15S	35E	650746	3657295*		135	70	65
L 00797 POD4			L	LE	2	4	4	03	15S	35E	650549	3657084*		138	40	98
L 00797 POD5			L	LE	1	3	02	15S	35E	650847	3657396*		136	75	61	
L 00797 S			L	LE		1	03	15S	35E	649433	3657967*		130	49	81	
L 01074			L	LE	1	3	3	35	15S	35E	650880	3649041*		79	45	34
L 01165 POD1			L	LE	3	4	3	02	15S	35E	651154	3656900*		90	70	20
L 01167 POD1			L	LE	3	4	3	02	15S	35E	651154	3656900*		105	90	15
L 01168 POD1			L	LE	1	1	2	03	15S	35E	649930	3658283*		90	70	20
L 01169 POD1			L	LE	3	1	3	04	15S	35E	647526	3657232*		90	70	20
L 01170 POD1			L	LE	1	1	4	08	15S	35E	646746	3655806*		90	70	20
L 01699 POD2			L	LE	2	3	4	36	15S	35E	653499	3649084*		100	53	47
L 01700 POD1			L	LE	2	3	4	36	15S	35E	653499	3649084*		90	60	30
L 01726			L	LE	2	2	33	15S	35E	648946	3650110*		125	60	65	
L 01727			L	LE	1	1	33	15S	35E	647739	3650088*		130	60	70	
L 01727		R	L	LE	1	1	33	15S	35E	647739	3650088*		130	60	70	
L 01728			L	LE	1	1	28	15S	35E	647714	3651699*		100	45	55	
L 01728		R	L	LE	1	1	28	15S	35E	647714	3651699*		100	45	55	
L 01729			L	LE	1	4	35	15S	35E	651781	3649359*		210	58	152	
L 01729		R	L	LE	1	4	35	15S	35E	651781	3649359*		210	58	152	
L 01730			L	LE		4	36	15S	35E	653601	3649186*		210	60	150	
L 01730		R	L	LE		4	36	15S	35E	653601	3649186*		210	60	150	
L 01731			L	LE	3	1	21	15S	35E	647695	3652906*		100	42	58	
L 01731		R	L	LE	3	1	21	15S	35E	647695	3652906*		100	42	58	
L 01795			L	LE	4	2	1	03	15S	35E	649728	3658075*		127	62	65
L 02957			L	LE	3	1	33	15S	35E	647745	3649686*		120	65	55	
L 03018			L	LE	1	3	33	15S	35E	647752	3649283*		116	50	66	
L 03058			L	LE	3	3	31	15S	35E	644525	3648820*		85	71	14	
L 03083			L	LE	3	3	31	15S	35E	644525	3648820*		85	73	12	

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(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 03122	L	LE		4	2	3	32	15S	35E	646643	3649159*	138	70	68
L 03129	L	LE					07	15S	35E	645037	3655857*	120	60	60
L 03141	L	LE		2	3	3	31	15S	35E	644624	3648919*	130	65	65
L 03220	L	LE			3	3	12	15S	35E	652489	3655412*	110	50	60
L 04427	L	LE			4	2	22	15S	35E	650513	3652960*	125	55	70
L 04614	L	LE		4	2	2	25	15S	35E	653854	3651710*	95	63	32
L 04784	L	LE		2	4	4	25	15S	35E	653875	3650702*	90	58	32
L 04894	L	LE			3	3	25	15S	35E	652566	3650580*	95	52	43
L 04900	L	LE		3	1	3	25	15S	35E	652458	3650882*	105	55	50
L 04900 X	L	LE		3	2	3	25	15S	35E	652861	3650890*	160	72	88
L 04923	L	LE		4	4	1	12	15S	35E	652963	3656057	115	64	51
L 04923 S	L	LE		3	4	2	11	15S	35E	651962	3656130	120	100	20
L 04934	L	LE				1	01	15S	35E	652653	3658029*	100	48	52
L 04934 S	L	LE		3	3	2	01	15S	35E	653155	3657741*	89	49	40
L 04934 S2	L	LE			3		01	15S	35E	652664	3657223*	100	45	55
L 04972	L	LE					03	15S	35E	649845	3657564*	124	45	79
L 05215	L	LE			4	2	01	15S	35E	653659	3657849*	60	44	16
L 05469	L	LE		4	2	4	34	15S	35E	650670	3649236*	134	68	66
L 05817	L	LE			2	2	36	15S	35E	653782	3650201*	128	65	63
L 05988	L	LE			4	4	25	15S	35E	653776	3650603*	90	60	30
L 06042	L	LE			3	3	33	15S	35E	647758	3648881*	92	52	40
L 06046	L	LE		3	3	3	07	15S	35E	644333	3655153*	104	56	48
L 06158	L	LE			3	4	27	15S	35E	650149	3650536*	118	46	72
L 06376	L	LE			2	1	06	15S	35E	644801	3658080*	120	58	62
L 06716	L	LE				4	28	15S	35E	648738	3650707*	90	55	35
L 06739	L	LE		2	4	4	01	15S	35E	653769	3657142*	92	51	41
L 06755	L	LE		2	4	3	04	15S	35E	648134	3657037*	130	51	79
L 06991	L	LE		4	1	3	24	15S	35E	652631	3652493*	120	50	70
L 07136	L	LE			1	2	13	15S	35E	653301	3655024*	120	58	62

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(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 07358	L	LE		4	34	15S	35E			650375	3649127*	73	55	18
L 07413	L	LE		1	3	28	15S	35E		657262	3651057	100	65	35
L 07413	R	L	LE	1	3	28	15S	35E		657262	3651057	100	65	35
L 07508	L	LE		4	2	33	15S	35E		648953	3649708*	95	61	34
L 07753	L	LE		4	2	3	27	15S	35E	649838	3650830*	143	56	87
L 08143	L	LE		4	3	35	15S	35E		651384	3648949*	130	52	78
L 08530 POD2	L	LE		1	1	2	13	15S	35E	652312	3655137	146	58	88
L 08542	L	LE		2	1	3	13	15S	35E	653252	3654659	141	58	83
L 08849	L	LE		4	4	3	35	15S	35E	651483	3648848*	114	61	53
L 09369	L	LE		1	1	3	13	15S	35E	652459	3655967	102	58	44
L 09372	L	LE		2	3	07	15S	35E		644835	3655666*	150	75	75
L 09523	L	LE		1	1	4	07	15S	35E	645136	3655773*	140	57	83
L 09555	L	LE		4	3	07	15S	35E		644842	3655263*	150	54	96
L 09582	L	LE		1	1	35	15S	35E		650962	3650150*	99	65	34
L 09817	L	LE		4	1	32	15S	35E		646538	3649663*	130	65	65
L 09856	L	LE		3	3	1	16	15S	35E	647569	3654415*	150	65	85
L 09897	L	LE				27	15S	35E		649945	3651123*	190	55	135
L 09900	L	LE				35	15S	35E		651584	3649545*	110		
L 10000	L	LE				35	15S	35E		651584	3649545*	125	64	61
L 10036	L	LE		1		35	15S	35E		651169	3649948*	140	70	70
L 10039	R	L	LE	2	13	15S	35E			653509	3654823*	82	60	22
L 10039 POD2	L	LE		1	3	2	13	15S	35E	653229	3654638	195	65	130
L 10114	L	LE		4	3	2	05	15S	35E	646846	3657698	175		
L 10120	L	LE		3	4	2	34	15S	35E	650464	3649638*	126	54	72
L 10243	L	LE		3	3	4	33	15S	35E	648462	3648794*	120	69	51
L 10287	R	L	LE	1	4	19	15S	35E		645287	3652456*	180	60	120
L 10287 POD2	L	LE		1	1	4	19	15S	35E	645186	3652555*	182	56	126
L 10307	L	LE		2	2	2	36	15S	35E	653881	3650300*	120	120	0
L 10308	L	LE		2	2	36	15S	35E		653782	3650201*	120	120	0

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 10357	L	LE		1	4	1	35	15S	35E	651270	3649853*	120	55	65
L 10372	L	LE				3	35	15S	35E	651182	3649143*	100	55	45
L 10381	L	LE			3	4	30	15S	35E	645317	3650445*	175	60	115
L 10441	L	LE		1	4	3	35	15S	35E	651283	3649048*	100	55	45
L 10522	L	LE			3	2	36	15S	35E	653386	3649790*	150	65	85
L 10563	L	LE		3	1	2	05	15S	35E	646711	3658021*	175	65	110
L 10636	L	LE		2	2	1	35	15S	35E	651464	3650256*	92	58	34
L 10670	L	LE			4	2	36	15S	35E	653789	3649798*	100	62	38
L 10674	L	LE			3	3	35	15S	35E	650981	3648942*	115		
L 10754	L	LE				1	35	15S	35E	651169	3649948*	150	60	90
L 10796	L	LE		4	3	1	28	15S	35E	647819	3651195*	180	70	110
L 10843	L	LE			4	2	36	15S	35E	653789	3649798*	130	69	61
L 10851	L	LE				2	36	15S	35E	653587	3649991*	100	60	40
L 10935	L	LE					35	15S	35E	651584	3649545*	120	60	60
L 11040	L	LE		3	1	1	35	15S	35E	650861	3650049*	100	55	45
L 11187	L	LE			4	2	36	15S	35E	653789	3649798*	110	62	48
L 11221	L	LE		2	1	1	33	15S	35E	647838	3650187*	176		
L 11246	L	LE		2	1	2	13	15S	35E	653291	3654603	208	50	158
L 11251	L	LE		4	4	1	34	15S	35E	649857	3649622*	155		
L 11266	L	LE		2	4	2	32	15S	35E	647352	3649825	170		
L 11350	L	LE			3	2	36	15S	35E	653386	3649790*	200	57	143
L 11364	L	LE			1	1	35	15S	35E	650962	3650150*	180	55	125
L 11400	L	LE		3	4	3	01	15S	35E	652764	3656928*	178	55	123
L 11612	L	LE		3	2	3	35	15S	35E	651277	3649250*	100	54	46
L 11660	L	LE		3	4	1	14	15S	35E	651144	3654584	172	48	124
L 12194 POD1	L	LE		3	2	1	35	15S	35E	651328	3650154	200		
L 12301 POD1	L	LE		3	3	3	35	15S	35E	650858	3648951	123	54	69
L 12313 POD1	L	LE		3	2	1	35	15S	35E	651307	3650141	200		
L 12416 POD1	L	LE		4	2	4	36	15S	35E	653839	3649354	120	62	58

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 12427 POD1	L	LE	2	4	2	36	15S	35E	653864	3649839		160	75	85
L 12540 POD1	L	LE	2	4	3	36	15S	35E	654086	3649106		175		
L 12603 POD1	L	LE	1	2	4	36	15S	35E	653636	3649533		140	59	81
L 12627 POD1	L	LE	4	4	4	01	15S	35E	653731	3656869		190	80	110
L 12634 POD1	L	LE	1	2	4	35	15S	35E	652103	3649398		150	78	72
L 12741 POD1	L	LE	2	3	4	36	15S	35E	653500	3649076		161	70	91
L 12752 POD1	L	LE	2	3	1	35	15S	35E	669401	3665038		200	114	86
L 12802 POD1	L	LE	4	1	2	36	15S	35E	653428	3650007		160	82	78
L 12844 POD1	L	LE	4	4	4	35	15S	35E	652301	3648878		150	60	90
L 12850 POD1	L	LE	3	3	4	35	15S	35E	651618	3648864		140	59	81
L 12897 POD1	L	LE	1	4	3	36	15S	35E	654181	3648803		210	54	156
L 12960 POD1	L	LE	4	3	3	36	15S	35E	652591	3648898		160	80	80
L 12975 POD1	L	LE	3	4	4	35	15S	35E	652007	3648867		110	57	53
L 13126 POD1	L	LE	1	3	3	36	15S	35E	652472	3649395		160	50	110
L 13160 POD1	L	LE	1	2	3	36	15S	35E	652915	3649473		160	53	107
L 13173 POD1	L	LE			2	33	15S	35E	648540	3650040		28		
L 13173 POD2	L	LE			2	33	15S	35E	648524	3650040		38		
L 13177 POD1	L	LE	2	3	2	36	15S	35E	653770	3649406		160	70	90
L 13218 POD1	L	LE	1	1	3	34	15S	35E	649278	3649385		70		
L 13218 POD2	L	LE	4	1	3	34	15S	35E	649441	3649314		70		
L 13218 POD3	L	LE	2	1	3	34	15S	35E	649425	3649370		72		
L 13218 POD4	L	LE	3	1	3	34	15S	35E	649314	3649240		68		
L 13218 POD5	L	LE	3	1	3	34	15S	35E	649401	3649266		70		
L 13218 POD6	L	LE	3	1	2	34	15S	35E	649507	3649343		70		
L 13282 POD1	L	LE	4	3	3	35	15S	35E	650975	3648829		211		
L 13283 POD1	L	LE	4	1	4	36	15S	35E	653483	3649396		160	60	100
L 13299 POD1	L	LE	3	3	1	35	15S	35E	650815	3649579		160	70	90
L 13339 POD1	L	LE	3	2	2	07	15S	35E	645559	3656331		21		
L 13448	L	LE	3	4	4	35	15S	35E	652115	3648949		202	60	142

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(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
L 13460 POD 1	L	LE	1	2	3	23	15S	35E	651547	3653133		155	60	95
L 13562 POD1	L	LE	2	2	2	36	15S	35E	653876	3650264		150	63	87
L 13580 POD1	L	LE	2	3	4	35	15S	35E	651583	3649095		168	70	98
L 13596 POD1	L	LE	4	3	4	35	15S	35E	651815	3648904		164	70	94
L 13702 POD1	L	LE	2	2	4	35	15S	35E	652206	3649471		167	70	97
L 13729 POD1	L	LE	4	1	2	33	15S	35E	648575	3650007		65		
L 13774 POD1	L	LE	1	3	4	35	15S	35E	651630	3649147		168	70	98
L 13956 POD1	L	LE	1	3	4	35	15S	35E	651725	3648971		170	60	110
L 14040 POD1	L	LE	4	3	1	35	15S	35E	651073	3649706		120	55	65
L 14096 POD1	L	LE	3	2	4	31	15S	35E	645607	3649092		171	50	121
L 14235 POD1	L	LE	2	2	4	36	15S	35E	653937	3649565		186	125	61
L 14253 POD1	L	LE	3	2	4	36	15S	35E	653741	3649285		160	78	82
L 14262 POD1	L	LE	2	1	3	36	15S	35E	652738	3649485		150	65	85
L 14351 POD1	L	LE	2	4	1	35	15S	35E	651538	3649806		180	93	87
L 14465 POD1	L	LE	1	3	1	36	15S	35E	652524	3649882		180	58	122
L 14481 POD1	L	LE	1	2	2	24	15S	35E	653791	3653537		238	60	178
L 14481 POD2	L	LE	4	2	2	24	15S	35E	653873	3653292		252	60	192
L 14879 POD1	L	LE	2	3	1	35	15S	35E	651360	3629985		160	55	105
L 14901 POD1	L	LE	3	4	1	35	15S	35E	651307	3649679		160	55	105
L 15025 POD1	L	LE	1	2	3	36	15S	35E	652894	3649488		160	68	92
L 15070 POD1	L	LE	3	4	3	36	15S	35E	652876	3648933		175	68	107
L 15090 POD1	L	LE	4	4	4	31	15S	35E	645913	3648726		200	80	120
L 15090 POD2	L	LE	4	4	4	31	15S	35E	645803	3648784		200		
P 03010	P	RO	3	4	4	30	15S	35E	645619	3650352*			82	

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Average Depth to Water: 61 feet
Minimum Depth: 40 feet
Maximum Depth: 125 feet

Record Count: 195

PLSS Search:

Township: 15S **Range:** 35E



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	09372	2	3	07	15S	35E	644835	3655666*	
Driller License:	421	Driller Company:		GLENN'S WATER WELL SERVICE					
Driller Name:	GLENN, CLARK A."CORKY" (LD)								
Drill Start Date:	11/11/1983	Drill Finish Date:		11/11/1983		Plug Date:			
Log File Date:	11/15/1983	PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		100 GPM	
Casing Size:	6.63	Depth Well:		150 feet		Depth Water:		75 feet	
Water Bearing Stratifications:				Top	Bottom	Description			
				80	150	Other/Unknown			
Casing Perforations:				Top	Bottom				
				130	150				

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	L 06046	3	3	3	07	15S	35E	644333	3655153*
Driller License: 281		Driller Company: PRUETT, OTIS H.							
Driller Name:									
Drill Start Date: 09/26/1966		Drill Finish Date: 09/27/1966		Plug Date:					
Log File Date: 11/02/1966		PCW Rev Date:		Source: Shallow					
Pump Type:		Pipe Discharge Size:		Estimated Yield:					
Casing Size: 7.00		Depth Well: 104 feet		Depth Water: 56 feet					
Water Bearing Stratifications:		Top	Bottom	Description					
		56	90	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		60	98						

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	09555	4	3	07	15S	35E	644842	3655263*	

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE
Driller Name: GLENN, CLARK A."CORKY" (LD)
Drill Start Date: 08/31/1984 **Drill Finish Date:** 08/31/1984 **Plug Date:** 11/06/1984
Log File Date: 09/05/1984 **PCW Rev Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM
Casing Size: 6.63 **Depth Well:** 150 feet **Depth Water:** 54 feet

Water Bearing Stratifications:	Top	Bottom	Description
	54	150	Other/Unknown

Casing Perforations:	Top	Bottom
	120	150

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5/4/22 2:09 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	09523	1	1	4	07	15S	35E	645136	3655773*
Driller License: 882		Driller Company: LARRY'S DRILLING & PUMP CO.							
Driller Name: FELKINS, LARRY									
Drill Start Date: 07/05/1984		Drill Finish Date: 07/05/1984		Plug Date: 08/08/1985					
Log File Date: 07/12/1984		PCW Rev Date:		Source: Shallow					
Pump Type:		Pipe Discharge Size:		Estimated Yield: 70 GPM					
Casing Size: 6.63		Depth Well: 140 feet		Depth Water: 57 feet					
Water Bearing Stratifications:		Top	Bottom	Description					
		90	140	Sandstone/Gravel/Conglomerate					
Casing Perforations:		Top	Bottom						
		100	140						

*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.

5/4/22 2:43 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
L	03129				07	15S	35E	645037	3655857*

Driller License:	99	Driller Company:	O.R. MUSSELWHITE WATER WELL SE		
Driller Name:	MUSSELWHITE, O.R.				
Drill Start Date:	03/06/1956	Drill Finish Date:	03/07/1956	Plug Date:	03/01/1957
Log File Date:	04/02/1956	PCW Rev Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	7.00	Depth Well:	120 feet	Depth Water:	60 feet

Water Bearing Stratifications:	Top	Bottom	Description
	80	120	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	120

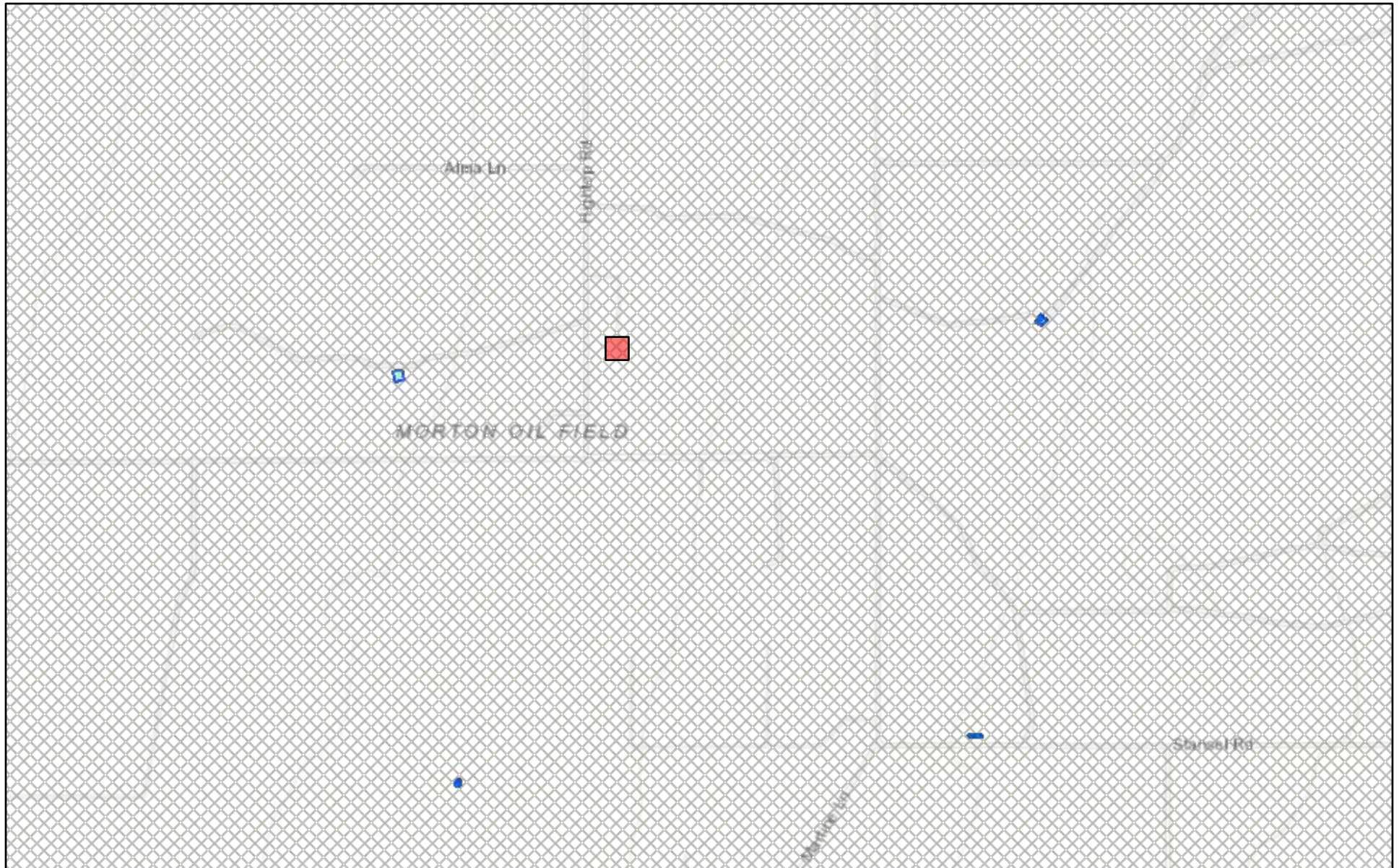
*UTM location was derived from PLSS - see Help

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.

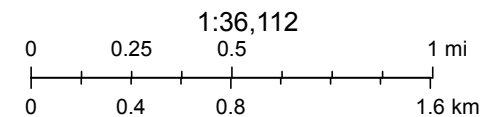
5/4/22 2:46 PM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



May 4, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Generated 2/13/2023 6:23:02 PM

JOB DESCRIPTION

Superior
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-24599-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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
2/13/2023 6:23:02 PM

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

Client: Carmona Resources
Project/Site: Superior

Laboratory Job ID: 880-24599-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Job ID: 880-24599-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-24599-1**

Receipt

The samples were received on 2/10/2023 3:59 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 3.2°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (6") (880-24599-1), S-2 (6") (880-24599-2), S-3 (4") (880-24599-3), S-4 (6") (880-24599-4), S-5 (4") (880-24599-5), S-6 (4") (880-24599-6), S-7 (6") (880-24599-7) and S-8 (6") (880-24599-8).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-24599-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-46061 and analytical batch 880-46060 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-2 (6") (880-24599-2), S-3 (4") (880-24599-3), S-4 (6") (880-24599-4), S-5 (4") (880-24599-5), S-6 (4") (880-24599-6), S-7 (6") (880-24599-7) and S-8 (6") (880-24599-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-46070 and analytical batch 880-46062 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-46070 and analytical batch 880-46062. The associated laboratory control sample (LCS) met acceptance criteria.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (6")

Lab Sample ID: 880-24599-1

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 02:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/23 14:00	02/12/23 02:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/23 14:00	02/12/23 02:42	1
m-Xylene & p-Xylene	<0.00404	U F1	0.00404		mg/Kg		02/11/23 14:00	02/12/23 02:42	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		02/11/23 14:00	02/12/23 02:42	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		02/11/23 14:00	02/12/23 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/11/23 14:00	02/12/23 02:42	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/11/23 14:00	02/12/23 02:42	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			02/13/23 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	<50.0	U	50.0		mg/Kg			02/13/23 15:10	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 F1	50.0		mg/Kg		02/12/23 09:06	02/12/23 12:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		02/12/23 09:06	02/12/23 12:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/12/23 09:06	02/12/23 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	02/12/23 09:06	02/12/23 12:39	1
o-Terphenyl	71		70 - 130	02/12/23 09:06	02/12/23 12:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.2		4.95		mg/Kg			02/11/23 01:30	1

Client Sample ID: S-2 (6")

Lab Sample ID: 880-24599-2

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 03:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 03:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 03:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/23 14:00	02/12/23 03:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 03:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/23 14:00	02/12/23 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/11/23 14:00	02/12/23 03:03	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/11/23 14:00	02/12/23 03:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (6")

Lab Sample ID: 880-24599-2

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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			02/13/23 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	<49.9	U	49.9		mg/Kg			02/13/23 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 13:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 13:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130				02/12/23 09:06	02/12/23 13:44	1
o-Terphenyl	56	S1-	70 - 130				02/12/23 09:06	02/12/23 13:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			02/11/23 01:49	1

Client Sample ID: S-3 (4")

Lab Sample ID: 880-24599-3

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 03:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 03:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 03:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/23 14:00	02/12/23 03:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 03:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/23 14:00	02/12/23 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				02/11/23 14:00	02/12/23 03:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				02/11/23 14:00	02/12/23 03:23	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			02/13/23 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	<49.8	U	49.8		mg/Kg			02/13/23 15:10	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		02/12/23 09:06	02/12/23 14:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/23 09:06	02/12/23 14:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (4")

Lab Sample ID: 880-24599-3

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/12/23 09:06	02/12/23 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				02/12/23 09:06	02/12/23 14:06	1
o-Terphenyl	59	S1-	70 - 130				02/12/23 09:06	02/12/23 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.1		4.97		mg/Kg			02/11/23 01:55	1

Client Sample ID: S-4 (6")

Lab Sample ID: 880-24599-4

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 03:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/23 14:00	02/12/23 03:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/23 14:00	02/12/23 03:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/23 14:00	02/12/23 03:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/23 14:00	02/12/23 03:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/23 14:00	02/12/23 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/11/23 14:00	02/12/23 03:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/11/23 14:00	02/12/23 03:43	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			02/13/23 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	<49.9	U	49.9		mg/Kg			02/13/23 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				02/12/23 09:06	02/12/23 14:28	1
o-Terphenyl	69	S1-	70 - 130				02/12/23 09:06	02/12/23 14:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/11/23 02:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4")

Lab Sample ID: 880-24599-5

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 04:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/23 14:00	02/12/23 04:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/23 14:00	02/12/23 04:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/11/23 14:00	02/12/23 04:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/23 14:00	02/12/23 04:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/11/23 14:00	02/12/23 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	02/11/23 14:00	02/12/23 04:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/11/23 14:00	02/12/23 04:04	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			02/13/23 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	<49.9	U	49.9		mg/Kg			02/13/23 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	59	S1-	70 - 130	02/12/23 09:06	02/12/23 14:49	1
o-Terphenyl	57	S1-	70 - 130	02/12/23 09:06	02/12/23 14:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.00		mg/Kg			02/11/23 02:07	1

Client Sample ID: S-6 (4")

Lab Sample ID: 880-24599-6

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 04:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/23 14:00	02/12/23 04:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/23 14:00	02/12/23 04:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		02/11/23 14:00	02/12/23 04:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/23 14:00	02/12/23 04:24	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/11/23 14:00	02/12/23 04:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/11/23 14:00	02/12/23 04:24	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/11/23 14:00	02/12/23 04:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (4")

Lab Sample ID: 880-24599-6

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/13/23 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	<49.8	U	49.8		mg/Kg			02/13/23 15:10	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		02/12/23 09:06	02/12/23 15:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/12/23 09:06	02/12/23 15:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/12/23 09:06	02/12/23 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				02/12/23 09:06	02/12/23 15:12	1
o-Terphenyl	59	S1-	70 - 130				02/12/23 09:06	02/12/23 15:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	196		4.96		mg/Kg			02/11/23 03:15	1

Client Sample ID: S-7 (6")

Lab Sample ID: 880-24599-7

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 04:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 04:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 04:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/23 14:00	02/12/23 04:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/23 14:00	02/12/23 04:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/23 14:00	02/12/23 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				02/11/23 14:00	02/12/23 04:45	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/11/23 14:00	02/12/23 04:45	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			02/13/23 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	<50.0	U	50.0		mg/Kg			02/13/23 15:10	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		02/12/23 09:06	02/12/23 15:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/12/23 09:06	02/12/23 15:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (6")

Lab Sample ID: 880-24599-7

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/12/23 09:06	02/12/23 15:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/12/23 09:06	02/12/23 15:33	1
o-Terphenyl	64	S1-	70 - 130				02/12/23 09:06	02/12/23 15:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		4.97		mg/Kg			02/11/23 02:26	1

Client Sample ID: S-8 (6")

Lab Sample ID: 880-24599-8

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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		02/11/23 14:00	02/12/23 05:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 05:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 05:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/23 14:00	02/12/23 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 05:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/23 14:00	02/12/23 05:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				02/11/23 14:00	02/12/23 05:05	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/11/23 14:00	02/12/23 05:05	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			02/13/23 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	<49.9	U	49.9		mg/Kg			02/13/23 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 15:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 15:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 15:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				02/12/23 09:06	02/12/23 15:55	1
o-Terphenyl	69	S1-	70 - 130				02/12/23 09:06	02/12/23 15:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		4.98		mg/Kg			02/11/23 02:32	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-24599-1	S-1 (6")	111	79				
880-24599-1 MS	S-1 (6")	121	104				
880-24599-1 MSD	S-1 (6")	133 S1+	107				
880-24599-2	S-2 (6")	101	81				
880-24599-3	S-3 (4")	122	96				
880-24599-4	S-4 (6")	94	85				
880-24599-5	S-5 (4")	93	83				
880-24599-6	S-6 (4")	95	84				
880-24599-7	S-7 (6")	117	76				
880-24599-8	S-8 (6")	84	88				
LCS 880-46061/1-A	Lab Control Sample	118	99				
LCSD 880-46061/2-A	Lab Control Sample Dup	116	106				
MB 880-46022/5-A	Method Blank	79	92				
MB 880-46061/5-A	Method Blank	80	86				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-24599-1	S-1 (6")	74	71				
880-24599-1 MS	S-1 (6")	76	72				
880-24599-1 MSD	S-1 (6")	82	77				
880-24599-2	S-2 (6")	61 S1-	56 S1-				
880-24599-3	S-3 (4")	62 S1-	59 S1-				
880-24599-4	S-4 (6")	75	69 S1-				
880-24599-5	S-5 (4")	59 S1-	57 S1-				
880-24599-6	S-6 (4")	63 S1-	59 S1-				
880-24599-7	S-7 (6")	69 S1-	64 S1-				
880-24599-8	S-8 (6")	70	69 S1-				
LCS 880-46070/2-A	Lab Control Sample	98	95				
LCSD 880-46070/3-A	Lab Control Sample Dup	113	94				
MB 880-46070/1-A	Method Blank	74	75				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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QC Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46022/5-A

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46022

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/10/23 15:23	02/11/23 15:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/10/23 15:23	02/11/23 15:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/10/23 15:23	02/11/23 15:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/10/23 15:23	02/11/23 15:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/10/23 15:23	02/11/23 15:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/10/23 15:23	02/11/23 15:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	02/10/23 15:23	02/11/23 15:47	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/10/23 15:23	02/11/23 15:47	1

Lab Sample ID: MB 880-46061/5-A

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46061

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 02:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 02:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 02:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/23 14:00	02/12/23 02:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/23 14:00	02/12/23 02:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/23 14:00	02/12/23 02:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	02/11/23 14:00	02/12/23 02:20	1
1,4-Difluorobenzene (Surr)	86		70 - 130	02/11/23 14:00	02/12/23 02:20	1

Lab Sample ID: LCS 880-46061/1-A

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1043		mg/Kg		104	70 - 130
Toluene	0.100	0.1049		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2358		mg/Kg		118	70 - 130
o-Xylene	0.100	0.1188		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-46061/2-A

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09808		mg/Kg		98	70 - 130	6	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-46061/2-A

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46061

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09761		mg/Kg		98	70 - 130	7	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2187		mg/Kg		109	70 - 130	8	35
o-Xylene	0.100	0.1113		mg/Kg		111	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-24599-1 MS

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 46061

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.1095		mg/Kg		109	70 - 130
Toluene	<0.00202	U	0.101	0.1102		mg/Kg		109	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.1227		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.202	0.2613		mg/Kg		130	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.1298		mg/Kg		129	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-24599-1 MSD

Matrix: Solid

Analysis Batch: 46060

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 46061

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0996	0.1184		mg/Kg		119	70 - 130	8	35
Toluene	<0.00202	U	0.0996	0.1170		mg/Kg		117	70 - 130	6	35
Ethylbenzene	<0.00202	U	0.0996	0.1289		mg/Kg		129	70 - 130	5	35
m-Xylene & p-Xylene	<0.00404	U F1	0.199	0.2809	F1	mg/Kg		141	70 - 130	7	35
o-Xylene	<0.00202	U F1	0.0996	0.1410	F1	mg/Kg		142	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

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

Lab Sample ID: MB 880-46070/1-A

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 09:21	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-46070/1-A

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 09:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/12/23 09:06	02/12/23 09:21	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				02/12/23 09:06	02/12/23 09:21	1
o-Terphenyl	75		70 - 130				02/12/23 09:06	02/12/23 09:21	1

Lab Sample ID: LCS 880-46070/2-A

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	999	987.2		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	999	1094		mg/Kg		110	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	98		70 - 130				
o-Terphenyl	95		70 - 130				

Lab Sample ID: LCSD 880-46070/3-A

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	999	1059		mg/Kg		106	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	999	1004		mg/Kg		101	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-24599-1 MS

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 46070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.01	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	<49.9	U F1	mg/Kg		-0.3	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	72		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-24599-1 MSD

Matrix: Solid

Analysis Batch: 46062

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 46070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	<49.9	U F1	mg/Kg		0.3	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	<49.9	U F1	mg/Kg		-0.04	70 - 130	11	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	77		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-46031/1-A

Matrix: Solid

Analysis Batch: 46049

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/11/23 01:11	1

Lab Sample ID: LCS 880-46031/2-A

Matrix: Solid

Analysis Batch: 46049

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-46031/3-A

Matrix: Solid

Analysis Batch: 46049

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	243.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-24599-1 MS

Matrix: Solid

Analysis Batch: 46049

Client Sample ID: S-1 (6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	43.2		248	292.3		mg/Kg		101	90 - 110

Lab Sample ID: 880-24599-1 MSD

Matrix: Solid

Analysis Batch: 46049

Client Sample ID: S-1 (6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	43.2		248	294.1		mg/Kg		101	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 46022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46022/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 46060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	8021B	46061
880-24599-2	S-2 (6")	Total/NA	Solid	8021B	46061
880-24599-3	S-3 (4")	Total/NA	Solid	8021B	46061
880-24599-4	S-4 (6")	Total/NA	Solid	8021B	46061
880-24599-5	S-5 (4")	Total/NA	Solid	8021B	46061
880-24599-6	S-6 (4")	Total/NA	Solid	8021B	46061
880-24599-7	S-7 (6")	Total/NA	Solid	8021B	46061
880-24599-8	S-8 (6")	Total/NA	Solid	8021B	46061
MB 880-46022/5-A	Method Blank	Total/NA	Solid	8021B	46022
MB 880-46061/5-A	Method Blank	Total/NA	Solid	8021B	46061
LCS 880-46061/1-A	Lab Control Sample	Total/NA	Solid	8021B	46061
LCSD 880-46061/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46061
880-24599-1 MS	S-1 (6")	Total/NA	Solid	8021B	46061
880-24599-1 MSD	S-1 (6")	Total/NA	Solid	8021B	46061

Prep Batch: 46061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	5035	
880-24599-2	S-2 (6")	Total/NA	Solid	5035	
880-24599-3	S-3 (4")	Total/NA	Solid	5035	
880-24599-4	S-4 (6")	Total/NA	Solid	5035	
880-24599-5	S-5 (4")	Total/NA	Solid	5035	
880-24599-6	S-6 (4")	Total/NA	Solid	5035	
880-24599-7	S-7 (6")	Total/NA	Solid	5035	
880-24599-8	S-8 (6")	Total/NA	Solid	5035	
MB 880-46061/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46061/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46061/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24599-1 MS	S-1 (6")	Total/NA	Solid	5035	
880-24599-1 MSD	S-1 (6")	Total/NA	Solid	5035	

Analysis Batch: 46232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	Total BTEX	
880-24599-2	S-2 (6")	Total/NA	Solid	Total BTEX	
880-24599-3	S-3 (4")	Total/NA	Solid	Total BTEX	
880-24599-4	S-4 (6")	Total/NA	Solid	Total BTEX	
880-24599-5	S-5 (4")	Total/NA	Solid	Total BTEX	
880-24599-6	S-6 (4")	Total/NA	Solid	Total BTEX	
880-24599-7	S-7 (6")	Total/NA	Solid	Total BTEX	
880-24599-8	S-8 (6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 46062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	8015B NM	46070

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 46062 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-2	S-2 (6")	Total/NA	Solid	8015B NM	46070
880-24599-3	S-3 (4")	Total/NA	Solid	8015B NM	46070
880-24599-4	S-4 (6")	Total/NA	Solid	8015B NM	46070
880-24599-5	S-5 (4")	Total/NA	Solid	8015B NM	46070
880-24599-6	S-6 (4")	Total/NA	Solid	8015B NM	46070
880-24599-7	S-7 (6")	Total/NA	Solid	8015B NM	46070
880-24599-8	S-8 (6")	Total/NA	Solid	8015B NM	46070
MB 880-46070/1-A	Method Blank	Total/NA	Solid	8015B NM	46070
LCS 880-46070/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	46070
LCSD 880-46070/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	46070
880-24599-1 MS	S-1 (6")	Total/NA	Solid	8015B NM	46070
880-24599-1 MSD	S-1 (6")	Total/NA	Solid	8015B NM	46070

Prep Batch: 46070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-24599-2	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-24599-3	S-3 (4")	Total/NA	Solid	8015NM Prep	
880-24599-4	S-4 (6")	Total/NA	Solid	8015NM Prep	
880-24599-5	S-5 (4")	Total/NA	Solid	8015NM Prep	
880-24599-6	S-6 (4")	Total/NA	Solid	8015NM Prep	
880-24599-7	S-7 (6")	Total/NA	Solid	8015NM Prep	
880-24599-8	S-8 (6")	Total/NA	Solid	8015NM Prep	
MB 880-46070/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-46070/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-46070/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24599-1 MS	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-24599-1 MSD	S-1 (6")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Total/NA	Solid	8015 NM	
880-24599-2	S-2 (6")	Total/NA	Solid	8015 NM	
880-24599-3	S-3 (4")	Total/NA	Solid	8015 NM	
880-24599-4	S-4 (6")	Total/NA	Solid	8015 NM	
880-24599-5	S-5 (4")	Total/NA	Solid	8015 NM	
880-24599-6	S-6 (4")	Total/NA	Solid	8015 NM	
880-24599-7	S-7 (6")	Total/NA	Solid	8015 NM	
880-24599-8	S-8 (6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 46031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Soluble	Solid	DI Leach	
880-24599-2	S-2 (6")	Soluble	Solid	DI Leach	
880-24599-3	S-3 (4")	Soluble	Solid	DI Leach	
880-24599-4	S-4 (6")	Soluble	Solid	DI Leach	
880-24599-5	S-5 (4")	Soluble	Solid	DI Leach	
880-24599-6	S-6 (4")	Soluble	Solid	DI Leach	
880-24599-7	S-7 (6")	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 46031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-8	S-8 (6")	Soluble	Solid	DI Leach	
MB 880-46031/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46031/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46031/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-24599-1 MS	S-1 (6")	Soluble	Solid	DI Leach	
880-24599-1 MSD	S-1 (6")	Soluble	Solid	DI Leach	

Analysis Batch: 46049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-24599-1	S-1 (6")	Soluble	Solid	300.0	46031
880-24599-2	S-2 (6")	Soluble	Solid	300.0	46031
880-24599-3	S-3 (4")	Soluble	Solid	300.0	46031
880-24599-4	S-4 (6")	Soluble	Solid	300.0	46031
880-24599-5	S-5 (4")	Soluble	Solid	300.0	46031
880-24599-6	S-6 (4")	Soluble	Solid	300.0	46031
880-24599-7	S-7 (6")	Soluble	Solid	300.0	46031
880-24599-8	S-8 (6")	Soluble	Solid	300.0	46031
MB 880-46031/1-A	Method Blank	Soluble	Solid	300.0	46031
LCS 880-46031/2-A	Lab Control Sample	Soluble	Solid	300.0	46031
LCSD 880-46031/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46031
880-24599-1 MS	S-1 (6")	Soluble	Solid	300.0	46031
880-24599-1 MSD	S-1 (6")	Soluble	Solid	300.0	46031

Lab Chronicle

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (6")

Lab Sample ID: 880-24599-1

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 12:39	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 01:30	CH	EET MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-24599-2

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 03:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 13:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 01:49	CH	EET MID

Client Sample ID: S-3 (4")

Lab Sample ID: 880-24599-3

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 01:55	CH	EET MID

Client Sample ID: S-4 (6")

Lab Sample ID: 880-24599-4

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (6")

Lab Sample ID: 880-24599-4

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 14:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 02:01	CH	EET MID

Client Sample ID: S-5 (4")

Lab Sample ID: 880-24599-5

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 14:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 02:07	CH	EET MID

Client Sample ID: S-6 (4")

Lab Sample ID: 880-24599-6

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 15:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	46031	02/10/23 17:30	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 03:15	CH	EET MID

Client Sample ID: S-7 (6")

Lab Sample ID: 880-24599-7

Date Collected: 02/09/23 00:00

Matrix: Solid

Date Received: 02/10/23 15:59

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	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 15:33	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (6")
Date Collected: 02/09/23 00:00
Date Received: 02/10/23 15:59

Lab Sample ID: 880-24599-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 02:26	CH	EET MID

Client Sample ID: S-8 (6")
Date Collected: 02/09/23 00:00
Date Received: 02/10/23 15:59

Lab Sample ID: 880-24599-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	46061	02/11/23 14:00	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46060	02/12/23 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46232	02/13/23 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			46178	02/13/23 15:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	46070	02/12/23 09:06	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46062	02/12/23 15:55	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	46031	02/10/23 16:12	KS	EET MID
Soluble	Analysis	300.0		1			46049	02/11/23 02:32	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
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	T104704400-22-25	06-30-23

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Superior

Job ID: 880-24599-1
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: Superior

Job ID: 880-24599-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-24599-1	S-1 (6")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-2	S-2 (6")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-3	S-3 (4")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-4	S-4 (6")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-5	S-5 (4")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-6	S-6 (4")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-7	S-7 (6")	Solid	02/09/23 00:00	02/10/23 15:59
880-24599-8	S-8 (6")	Solid	02/09/23 00:00	02/10/23 15:59

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Work Order No: 24599

Page 1 of 1

Project Manager	Conner Moehring	Bill to (if different)	Grant Huckabay
Company Name	Carmona Resources	Company Name	Fasken Oil and Ranch
Address	310 W Wall St Ste 415	Address	6101 Holiday Hill Road
City, State ZIP	Midland TX 79701	City, State ZIP	Midland, Texas 79707
Phone	432-813-6823	Email	Granth@ford.com

Work Order Comments	
Program: UST/PST	PRP
State of Project:	flowfields
Reporting Level II	Level III
Deliverables EDD	ADAPT
	Other

Project Name	Superior	Turn Around	Parameters	ANALYSIS REQUEST										Preservative Codes			
Project Number	1046	☐ Routine ☒ Rush	Pras. Code											None NO	DI Water H ₂ O		
Project Location	Lea County, New Mexico	Due Date	1 day											Cool Cool	MeOH Me		
Sampler's Name	CRM													HCL, HC	HNO ₃ HN		
PO #.														H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	(Yes) No											H ₃ PO ₄ HP		
Received In tact.	Yes (No)	Thermometer ID		IFP											NaHSO ₄ NABIS		
Cooler Custody Seals	Yes (No)	Correction Factor		=30											Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes (No)	Temperature Reading		3.5											Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature		3.2											NaOH+Ascorbic Acid SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
S-1 (6")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-2 (6")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-3 (4")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-4 (6")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-5 (4")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-6 (4")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-7 (6")	2/9/2023		X		G	1	X	X	X	X	X	X	X				
S-8 (6")	2/9/2023		X		G	1	X	X	X	X	X	X	X				



880-24599 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Fabian Ortega	2/10/23 3:59		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-24599-1

SDG Number: Lea County, New Mexico

Login Number: 24599

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

DEFINITIONS

Action 218943

DEFINITIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 218943
	Action Type: [C-103] Sub. Release After P&A (C-103Q)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application:

- lease and well location, hereinafter "location";
- flowlines or pipelines, hereinafter "pipelines";
- and non-retrieved or abandoned, hereinafter "abandoned".

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QUESTIONS

Action 218943

QUESTIONS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 218943
	Action Type: [C-103] Sub. Release After P&A (C-103Q)

QUESTIONS

Subsequent Report of: Location Ready For OCD Inspection After P&A	
Was this the last remaining or only well on the location	Yes
Are there any abandoned pipelines that are going to remain on the location	No
Is there any production equipment or structure (not including steel marker, poured onsite concrete bases, or pipelines) that is going to remain on the location	No
If any production equipment or structure is to remain on the location, please specify	Not answered.

Site Evaluation

Please answer all the questions in this group.

Have all the required pits been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan	Yes
Have the rat hole and cellar been filled and leveled	Yes
Have the cathodic protection holes been properly abandoned	Yes
Has a steel marker, at least 4 inches in diameter and at least 4 feet above ground level, been set in concrete	Yes
The (concrete-set) steel marker shows: Must attach marker photograph(s). *	THE OPERATOR NAME, LEASE NAME AND WELL NUMBER AND LOCATION, INCLUDING UNIT LETTER, SECTION, TOWNSHIP AND RANGE, SHALL BE WELDED, STAMPED OR OTHERWISE PERMANENTLY ENGRAVED INTO THE MARKER'S METAL.
Has the location been leveled as nearly as possible to original ground contour	Yes
Have all the required pipelines and other production equipment been cleared	Yes
Has all the required junk and trash been cleared from the location	Yes
Have all the required anchors, dead men, tie downs and risers have been cut off at least two feet below ground level	Yes
Have all the required metal bolts and other materials have been removed	Yes

Poured onsite concrete bases do not have to be removed.

Have all the the required portable bases been removed	Yes
Have all other environmental concerns have been addressed as per OCD rules	Yes
If any environmental concerns remain on the location, please specify	Not answered.

* Proof of the site marker (photograph) is required.

Please submit any other site photographs that would assist in documenting the above answers, site features, additional concerns, or other nearby / remaing structures and equipment.

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QUESTIONS, Page 2

Action 218943

QUESTIONS (continued)

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 218943
	Action Type: [C-103] Sub. Release After P&A (C-103Q)

QUESTIONS**Abandoned Pipelines**

Only need to provide answers in this group, if any pipelines have been abandoned (in accordance with 19.15.35.10 NMAC).

Have all fluids have been removed from any abandoned pipelines	Yes
Have all abandoned pipelines been confirmed to NOT contain additional regulated NORM, other than that which accumulated under normal operation	Yes
Have all accessible points of abandoned pipelines been permanently capped	Yes

Last Remaining or Only Well on the Location

Please answer all questions that apply in this group, specifically if there is no longer going to be any well or facility remaining at this location.

Have all electrical service poles and lines been removed from the location	Yes
Is there any electrical utility distribution infrastructure that is remaining on the location	No
Have all the battery and pit location(s) have been remediated in compliance with OCD rules and the terms of the Operator's pit permit and closure plan	Yes
Have all the retrievable pipelines, production equipment been removed from the location	Yes
Has all the junk and trash been removed from the location	Yes

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ACKNOWLEDGMENTS

Action 218943

ACKNOWLEDGMENTS

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	Action Number: 218943
	Action Type: [C-103] Sub. Release After P&A (C-103Q)

ACKNOWLEDGMENTS

☒	I hereby certify that all the work has been completed for this location and the site is ready for an OCD scheduled inspection.
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COMMENTS

Action 218943

COMMENTS

Operator: FASKEN OIL & RANCH LTD 6101 Holiday Hill Rd Midland, TX 79707	OGRID: 151416
	Action Number: 218943
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COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	10/10/2023

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CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/6/2023