CARMONA RESOURCES

SITE INFORMATION

Closure Report
Yukon Gold 31 CTB 2
Incident ID: NAPP2605673419
Unit H, Sec 31, T23S, R30E
Eddy County, New Mexico
32.262993°, -103.913058°

Produced Water Release
Point of Release: Pinhole leak on water dump line
Release Date: 02.25.2026
Volume Released: 25 Barrels of Produced Water
Volume Recovered: 24 Barrels of Produced Water

CARMONA RESOURCES

Prepared for:
Devon Energy
5315 Buena Vista Drive,
Carlsbad, New Mexico 88220

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

CARMONA RESOURCES

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

CARMONA RESOURCES

March 25, 2026

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

Re: Closure Report
Yukon Gold 31 CTB 2
Devon Energy Production Company
Incident ID: NAPP2605673419
Site Location: Unit H, S31, T23S, R30E
(Lat 32.262993°, Long -103.913058°)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Devon Energy (Devon), Carmona Resources, LLC has prepared this letter to document site activities for the Yukon Gold 31 CTB 2. The site is located at 32.262993°, -103.913058° within Unit H, S31, T23S, R30E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 25, 2026, due to a pinhole leak on the water dump line. It resulted in the release of twenty-five (25) barrels of produced water, with twenty-four (24) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. On April 1, 2025, Carmona Resources installed a groundwater determination bore located approximately 0.04 miles Southwest of the release area in S31, T23S, R30E. The bore indicated no signs of water at a depth of 55 feet below ground surface (ft bgs) when it was gauged on April 7, 2025. A copy of the groundwater determination bore log is attached in Appendix D.

A karst survey was completed for a previous incident on January 27, 2025, within the same area as the new release (NAPP2605673419), in accordance with NMOCD and BLM requirements. The survey concluded that there were no surface karst features identified within the 200-foot (61-meter) survey area surrounding the spill delineation boundary. Based on these findings, the site was classified as a "Low Karst" environment.

Remediation activities proceeded in accordance with the standards outlined in Table 1 of NMAC 19.15.29.12, with no groundwater encountered at depths greater than 55 feet. Additional details, including site characterization, groundwater data, and the karst survey results, are provided in Appendix D.

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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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg.

4.0 Remediation Activities

On March 12, 2026, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 10, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The entire area of concern was excavated to a depth of 0.5' bgs. A total of five (5) confirmation floor samples were collected (CS-1 through CS-5), and six (6) horizontal samples (H-1 through H-6) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 3.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 692 square feet of contamination was remediated, resulting in 13 cubic yards of material excavated and transported offsite for proper disposal. Backfill operations were completed on March 23, 2026. The backfill material was sourced from Northern Delaware Basin Landfill and was collected for laboratory analysis on March 18, 2026, before being utilized. Laboratory data can be found in Table 1.

5.0 Conclusions

Due to the excavation being less than one (1) foot in depth, horizontal delineation samples were collected in place of composite confirmation sidewall samples

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

Sincerely,
Carmona Resources, LLC

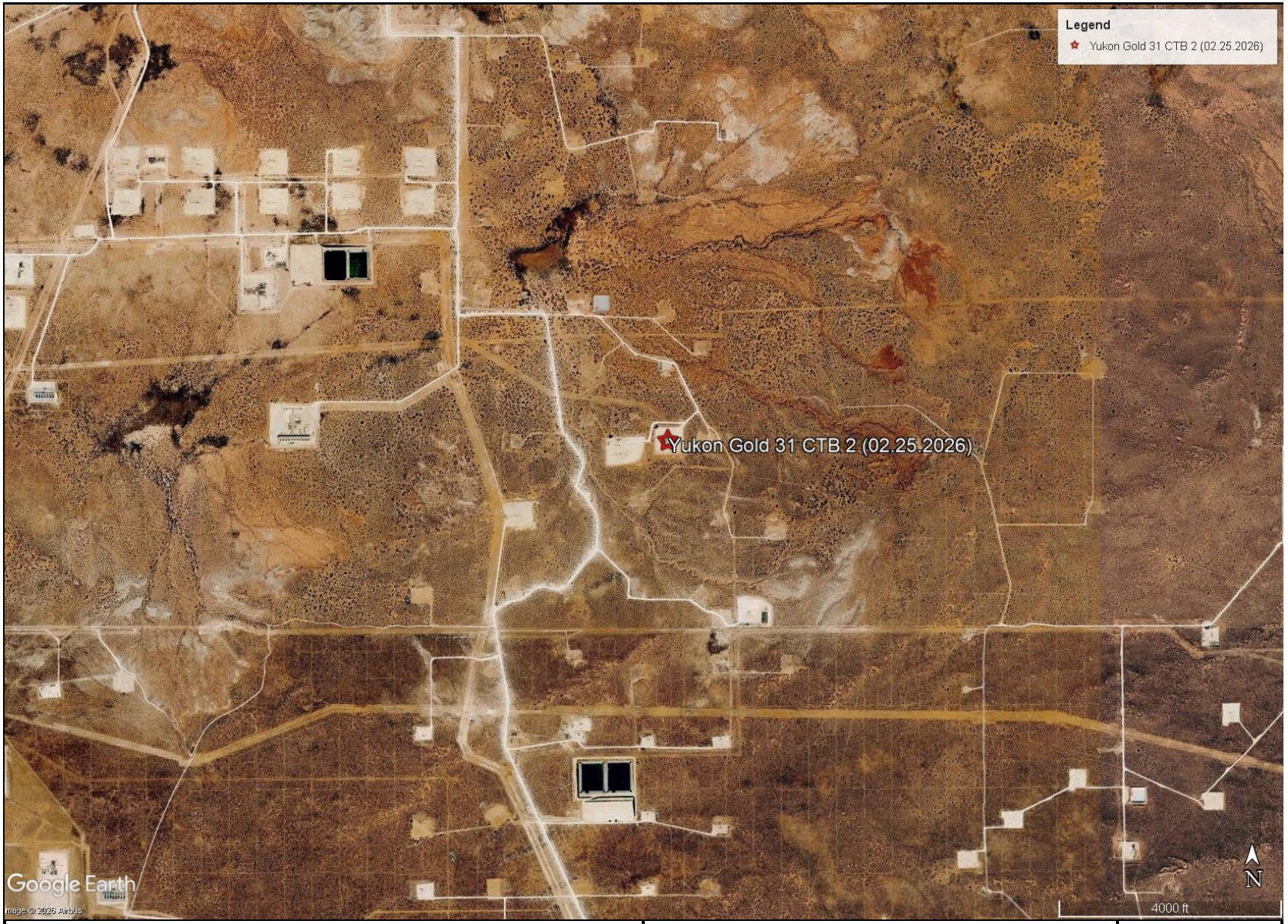
Ashton Thielke
Director of Operations

Riley Plogger
Project Manager

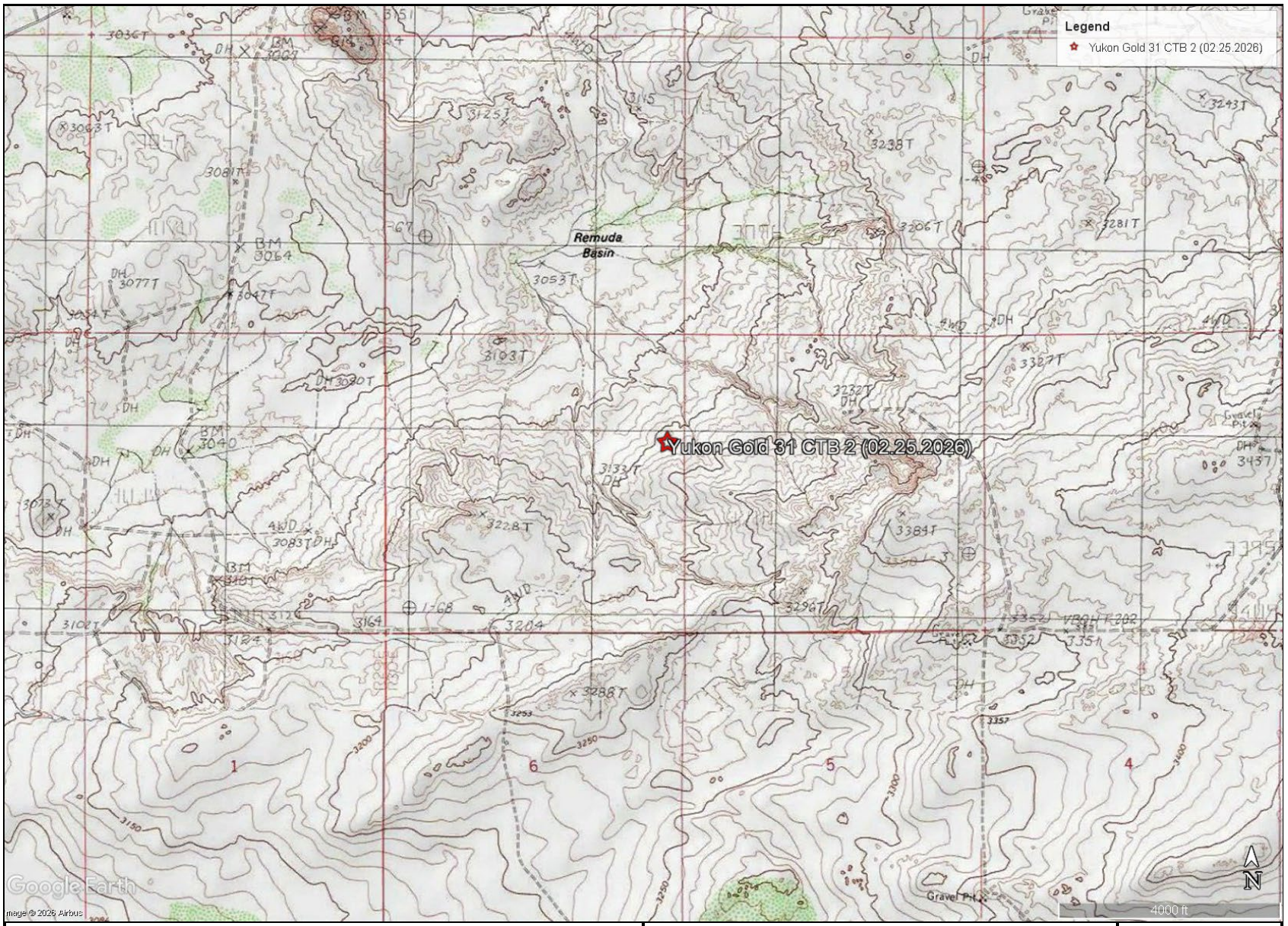
310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992

FIGURES

CARMONA RESOURCES



OVERVIEW MAP DEVON ENERGY PRODUCTION COMPANY YUKON GOLD 31 CTB 2 (02.25.2026) EDDY COUNTY, NEW MEXICO 32.262993°, -103.913058°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP DEVON ENERGY PRODUCTION COMPANY YUKON GOLD 31 CTB 2 (02.25.2026) EDDY COUNTY, NEW MEXICO 32.262993°, -103.913058°	CARMONA RESOURCES	FIGURE 2

EXCAVATION DEPTH MAP DEVON ENERGY PRODUCTION COMPANY YUKON GOLD 31 CTB 2 (02.25.2026) EDDY COUNTY, NEW MEXICO 32.262993°, -103.913058°	CARMONA RESOURCES	FIGURE 3

APPENDIX A

CARMONA RESOURCES

Table 1
YUKON GOLD 31 CTB 2 (02.25.2026)
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/12/2026	0.5'	ND	42.0	ND	42.0	ND	ND	ND	ND	ND	374
CS-2	3/12/2026	0.5'	ND	53.2	ND	53.2	ND	ND	ND	ND	ND	482
CS-3	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	350
CS-4	3/12/2026	0.5'	ND	31.1	ND	31.1	ND	ND	ND	ND	ND	326
CS-5	3/12/2026	0.5'	<10.0	48.5	<10.0	48.5	ND	ND	ND	ND	ND	345
Backfill Sample	3/18/2026	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	169
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample
(ND) Non Detected

Table 1
YUKON GOLD 31 CTB 2 (02.25.2026)
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-2	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-3	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-4	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-5	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-6	3/12/2026	0.5'	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 mg/kg**

[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample
(ND) Non Detected

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

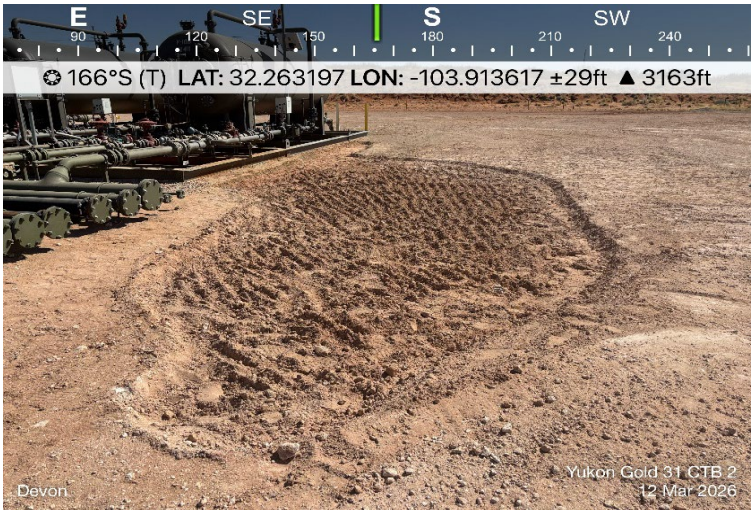
Devon Energy Production Company

Photograph No. 1

Facility: Yukon Gold 31 CTB 2 (02.25.2026)

County: Eddy County, New Mexico

Description:
View South, area of CS-1 through CS-5.

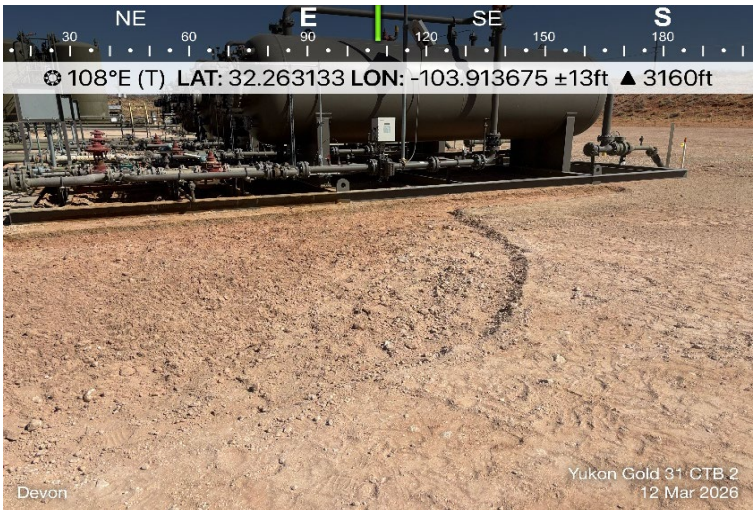


Photograph No. 2

Facility: Yukon Gold 31 CTB 2 (02.25.2026)

County: Eddy County, New Mexico

Description:
View East, area of CS-1 through CS-5.



Photograph No. 3

Facility: Yukon Gold 31 CTB 2 (02.25.2026)

County: Eddy County, New Mexico

Description:
View Northeast, area of CS-1 through CS-5.

CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 558076
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	02/25/2026
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 25 BBL | Recovered: 24 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak on water dump line allowed fluids to be released to separator skid, approximately. 1 bbl impacted pad surface.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 558076
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 558076
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
☑	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
☑	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 558076
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jraley	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/25/2026

Spill Volume Calculations

Free Standing Fluid Volume

How do you want to enter area?	Total area from app	
Area from app (ft^2)	222.00	
Depth of fluid	6.00	in
Number of Tanks in Fluid Affected Area (if any):	0	
Tank Diameter (if needed):	15.5	ft
Volume of Standing Fluid	19.77	bbl

Contaminated Soil Calculations

How do you want to enter area?	Total area from app	
Area from app (ft^2)	572.00	
Depth of impacted soil	2.00	in
Soil Type	Caliche	
Spilled Material	Produced Water	
Soil Saturation	Wet - hand is wet/muddy after handling	
Volume of Spill In Soil	5.65	bbls
Total Spill Volume	**25.42**	bbls

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559313
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2605673419**
Incident Name	**NAPP2605673419 YUKON GOLD 31 CTB 2 @ FAPP2123652649**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2123652649] YUKON GOLD 31 CTB 2**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	02/25/2026
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 25 BBL | Recovered: 24 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak on water dump line allowed fluids to be released to separator skid, approximately. 1 bbl impacted pad surface.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559313
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/03/2026

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559313
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 559313
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. A remediation plan or a remediation closure report is due to the OCD by 5/26/2026.	3/3/2026

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 561583
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2605673419**
Incident Name	**NAPP2605673419 YUKON GOLD 31 CTB 2 @ FAPP2123652649**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123652649] YUKON GOLD 31 CTB 2**

Location of Release Source	
Site Name	**YUKON GOLD 31 CTB 2**
Date Release Discovered	**02/25/2026**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	675
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/12/2026
Time sampling will commence	02:00 PM
Please provide any information necessary for observers to contact samplers	432-701-5475
Please provide any information necessary for navigation to sampling site	32.262993,-103.913058

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 561583
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/10/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/10/2026

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562318
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2605673419**
Incident Name	**NAPP2605673419 YUKON GOLD 31 CTB 2 @ FAPP2123652649**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123652649] YUKON GOLD 31 CTB 2**

Location of Release Source	
Site Name	**YUKON GOLD 31 CTB 2**
Date Release Discovered	**02/25/2026**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	675
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/17/2026
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	432-701-5475
Please provide any information necessary for navigation to sampling site	32.262993,-103.913058

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562318
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/12/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/12/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562321
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2605673419**
Incident Name	**NAPP2605673419 YUKON GOLD 31 CTB 2 @ FAPP2123652649**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2123652649] YUKON GOLD 31 CTB 2**

Location of Release Source	
Site Name	**YUKON GOLD 31 CTB 2**
Date Release Discovered	**02/25/2026**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	675
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/18/2026
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	432-701-5475
Please provide any information necessary for navigation to sampling site	32.262993,-103.913058

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562321
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/12/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/12/2026

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

DEVON ENERGY PRODUCTION COMPANY, LP

Legend

- 0.04 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- YUKON GOLD 31 CTB 2 (02.25.2026)

55' GWDB - Drilled 2025

YUKON GOLD 31 CTB 2 (02.25.2026)

Google Earth

N

3000 ft

Medium Karst

DEVON ENERGY PRODUCTION COMPANY, LP

Legend

- High
- Low
- Medium
- YUKON GOLD 31 CTB 2 (02.25.2026)

YUKON GOLD 31 CTB 2 (02.25.2026)

Google Earth

N

3000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04526 POD1		CUB	ED	SE	NW	SE	06	24S	30E	601898.6	3568060.3		2107			
C 02486		C	ED	SW	NE	SW	19	23S	30E	601304.0	3572832.0 *		2893	350		
C 04497 POD1		CUB	ED	NW	NE	SW	04	24S	30E	604659.7	3568278.5		2976	110		
C 04597 POD5		CUB	ED	NE	NW	SE	24	23S	29E	600198.3	3572931.9		3521			
C 04597 POD4		CUB	ED	NW	NW	SE	24	23S	29E	600158.9	3572947.2		3557			
C 03908 POD3		CUB	ED	SW	NW	SW	34	23S	30E	605850.9	3569640.1		3559	463		
C 04597 POD3		CUB	ED	NW	NW	SE	24	23S	29E	600171.6	3572991.0		3585			
C 03908 POD2		CUB	ED	SW	NW	SW	34	23S	30E	605872.3	3569594.1		3587	518		
C 04597 POD2		CUB	ED	NW	NW	SE	24	23S	29E	600122.2	3572959.1		3589			
C 04597 POD1		CUB	ED	NW	NW	SE	24	23S	29E	600124.4	3573002.9		3623			
C 02108		CUB	ED		NW	SW	08	24S	30E	602702.0	3566487.0 *		3656	200	186	14

Average Depth to Water: **186 feet**

Minimum Depth: **186 feet**

Maximum Depth: **186 feet**

Record Count: 11

UTM Filters (in meters):

Easting: 602324.00

Northing: 3570124.00

Radius: 4000

*** UTM location was derived from PLSS - see Help**

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-4913

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Production Co. LP.	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
5315 Buena Vista Dr.	Carlsbad	NM	88220

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	15	45.26	N
	LONGITUDE	103	54	49.73	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

S31 T23s R30e

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
4-1-25	4-1-25	55'	55'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 4-7-25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	55'	5'	No casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	5'	5'	Topsoil	Y ✓ N	
5'	15'	10'	Brown Sand	Y ✓ N	
15'	55'	40'	Red Sand	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: DTGW Bore

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 4-7-25. DTGW bore was dry. Temporary well casing was removed, bore hole was backfilled with drill cutting to 10' BGS. Hydrated bentonite hole plug was poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — 4-7-25

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4913 POD1

Well owner: Devon Production CO. LP. Phone No.: _____

Mailing address: 5315 Buena Vista Dr.

City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC.

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6-16-25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): _____
Nathan Smelcer

4) Date well plugging began: 4-7-25 Date well plugging concluded: 4-7-25

5) GPS Well Location: Latitude: 32 deg, 15 min, 45.26 sec
Longitude: 103 deg, 54 min, 49.73 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55' ft below ground level (bgl),
by the following manner: well sounder

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 11-15-24

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0' - 10' Hydrated Bentonite	Approx. 10.2 gallons	10.2 gallons	Pour	
	10' - 55' Drill Cuttibgs	Approx. 46 gallons	46 gallons	Pour	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

III. SIGNATURE:

I, James Hawley , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

4-7-25
Date

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (MW-1)	n/a	C-4526

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO Energy (Kyle Littrell)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32°	14'	42.15"	N
	LONGITUDE	103°	55'	6.20"	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NW NE Sec. 06 T24S R30E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
05/14/2021	05/14/2021	temporary well material	105	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	105	±6.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

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

FILE NO.	C-4526	POD NO.	1	TRN NO.	692109
LOCATION	Exp1 24S.30E.6.414			WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	4	4	SAND, poorly graded, fine-very grained, Reddish-brown, dry	Y ✓ N	
4	12	8	CALICHE, poorly-mod. consolidated, tan-off white, dry	Y ✓ N	
12	19	7	SAND, poorly graded, fine-very grained, some caliche gravel, Tan ,dry	Y ✓ N	
19	24	5	SAND, poorly graded, fine-very grained, some caliche gravel, Light- Brown, dry	Y ✓ N	
24	72	48	SAND, poorly graded, fine-very grained, Reddish Brown, moist	Y ✓ N	
72	92	20	SAND, poorly graded, fine-very grained, some silt, Reddish Brown, moist	Y ✓ N	
92	102	10	SILTY SAND, poorly graded, fine-very grained, Reddish Brown, moist	Y ✓ N	
102	105	3	SILTY SAND, poorly graded, fine-very grained, Reddish Brown, dry	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Carmelo Trevino, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 06/09/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4526	POD NO. 1	TRN NO. 692109
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

OSE DIT JUN 10 2021 PM2:47

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DII JAN 28 2021 PM4:24

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (BH-01)	n/a	C-4497

WELL OWNER NAME(S)	PHONE (OPTIONAL)
XTO Energy (Kyle Littrell)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6401 Holiday Hill Dr.	Midland	TX	79707

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32°	14'	46.69"	N
	LONGITUDE	-103°	53'	20.46"	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NE SW Sec. 4 T24S R30E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
12/28/2020	12/28/2020	temporary well material	110	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	110	±8.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

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

FILE NO. C-4497	POD NO. 1	TRN NO. 682526	
LOCATION 23 1 T24S Sec4 R30E		WELL TAG ID NO. NA	PAGE 1 OF 2

OSE DII JAN 28 2021 PM4:24

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	1.5	1.5	CALICHE, poor-moderate consolidation, few sand, fine grain, light brown, dry	Y ✓ N	
1.5	5	3.5	SAND, well graded, fine grain, few gravel, sub angular, 2-8mm. Red/brown, dry	Y ✓ N	
5	16	11	SAND, fine grain, poorly graded, few gravel, some clay, red/brown, moist	Y ✓ N	
16	85	69	SAND, well graded, large grain, little clay, noncohesive,, red/brown, moist	Y ✓ N	
85	--	--	SANDSTONE, very poorly consolidated, medium-fine grain, well graded,	Y ✓ N	
--	105	20	few caliche gravel, sub angular, 1.5-7mm, light brown - almond brown, moist	Y ✓ N	
105	--	--	SANDSTONE, highly consolidated, medium-fine grain, poorly graded,	Y ✓ N	
--	110	5	few clay, low plasticity, noncohesive, light brown-almond brown, dry	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface. Logs adapted from WSP on-site geologist.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 01/15/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4497	POD NO. 1	TRN NO. 682526	
LOCATION 23 T24S Sec4 R30E		WELL TAG ID NO. NA	PAGE 2 OF 2

John R. D Antonio, Jr., P.E.
State Engineer

Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 682526
File Nbr: C 04497
Well File Nbr: C 04497 POD1

Feb. 05, 2021

TACOMA MORRISSEY
WSP USA
3300 NORTH A STREET
BLDG 1 #222
MIDLAND, TX 79705

Greetings:

The above numbered permit was issued in your name on 12/01/2020.

The Well Record was received in this office on 01/28/2021, stating that it had been completed on 12/28/2020, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 12/01/2021.

If you have any questions, please feel free to contact us.

Sincerely,

Andrew Dennis
(575)622-6521

drywell

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho meas

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321542103522801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321542103522801 23S.30E.34.133144 USGS-4

Eddy County, New Mexico
Latitude 32°15'45.42", Longitude 103°52'36.09" NAD83
Land-surface elevation 3,413 feet above NAVD88
The depth of the well is 518 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1961-12-12		D	62610		2977.68	NGVD29	1	Z			A
1961-12-12		D	62611		2979.38	NAVD88	1	Z			A
1961-12-12		D	72019	433.62			1	Z			A
1962-05-10		D	62610		2978.11	NGVD29	1	Z			A
1962-05-10		D	62611		2979.81	NAVD88	1	Z			A
1962-05-10		D	72019	433.19			1	Z			A
1962-07-31		D	62610		2978.13	NGVD29	1	Z			A
1962-07-31		D	62611		2979.83	NAVD88	1	Z			A
1962-07-31		D	72019	433.17			1	Z			A
1962-08-08		D	62610		2978.13	NGVD29	1	Z			A
1962-08-08		D	62611		2979.83	NAVD88	1	Z			A
1962-08-08		D	72019	433.17			1	Z			A
1963-03-10		D	62610		2977.80	NGVD29	1	Z			A
1963-03-10		D	62611		2979.50	NAVD88	1	Z			A
1963-03-10		D	72019	433.50			1	Z			A
1972-09-25		D	62610		2977.39	NGVD29	1	Z			A
1972-09-25		D	62611		2979.09	NAVD88	1	Z			A
1972-09-25		D	72019	433.91			1	Z			A
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1976-12-14		D	62611		2976.44	NAVD88	1	Z			A
1976-12-14		D	72019	436.56			1	Z			A

Explanation

Section	Code	Description

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho measu

Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions or Comments
Help
Data Tips
Explanation of terms
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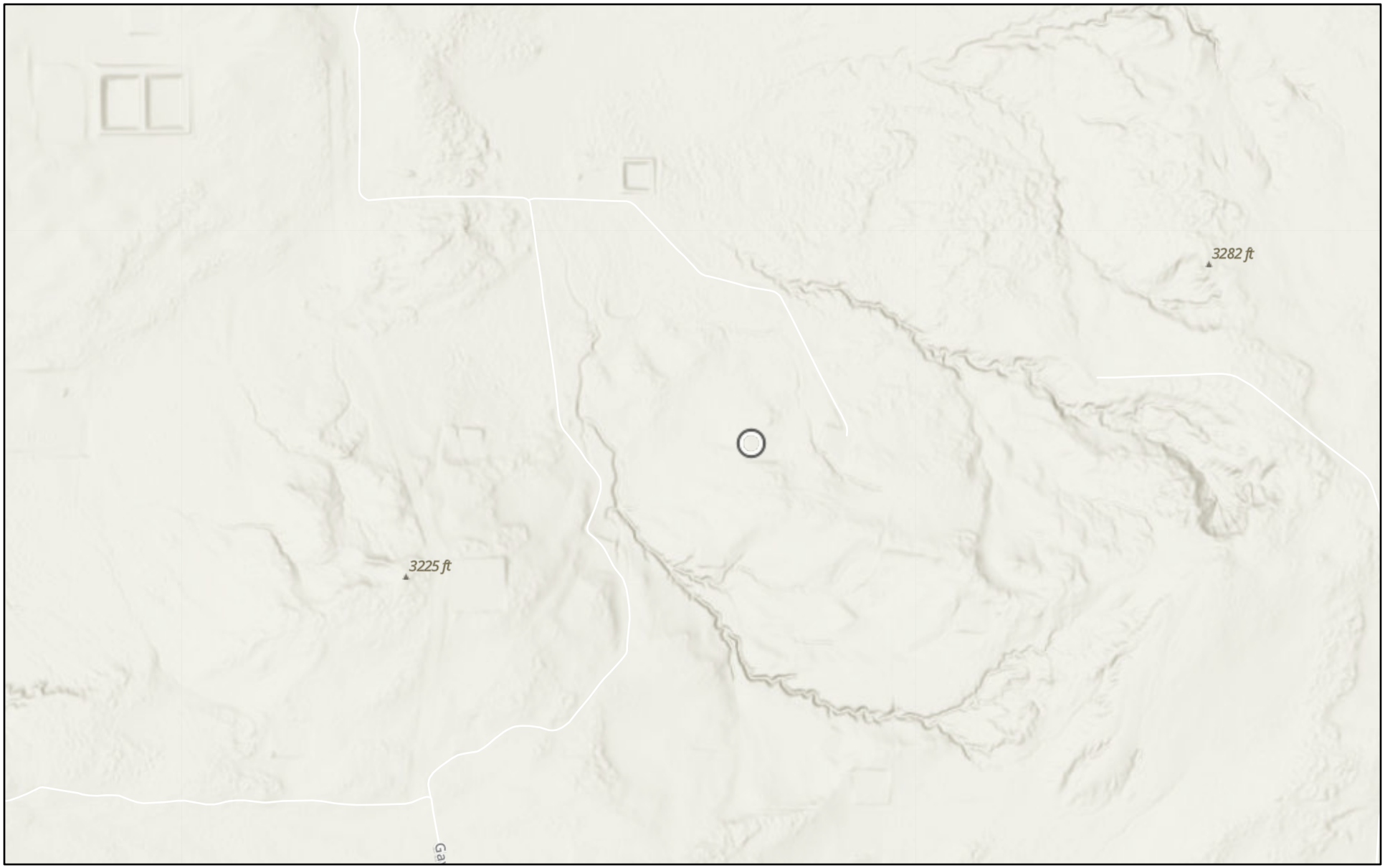
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-10-02 10:45:10 EDT
0.31 0.23 nadww01

YUKON GOLD 31 19 FEDERAL COM #212H (09.30.2024)



10/2/2024

World Hillshade

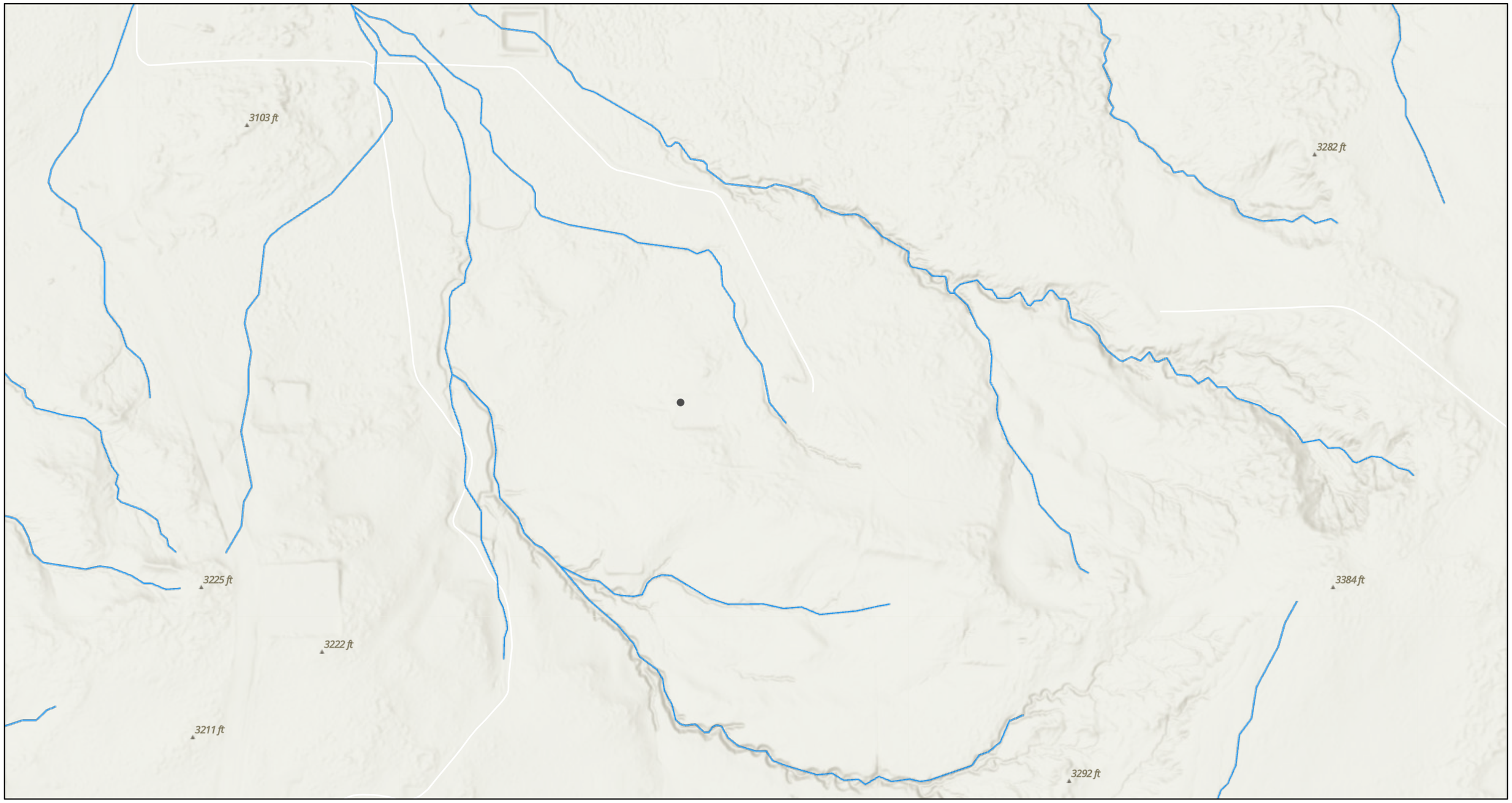
1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom,

YUKON GOLD 31 19 FEDERAL COM #212H (09.30.2024)



10/2/2024, 9:35:39 AM

OSE Streams

1:9,028

0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

U.S. Fish and Wildlife Service
National Wetlands Inventory

YUKON GOLD 31 CTB 2

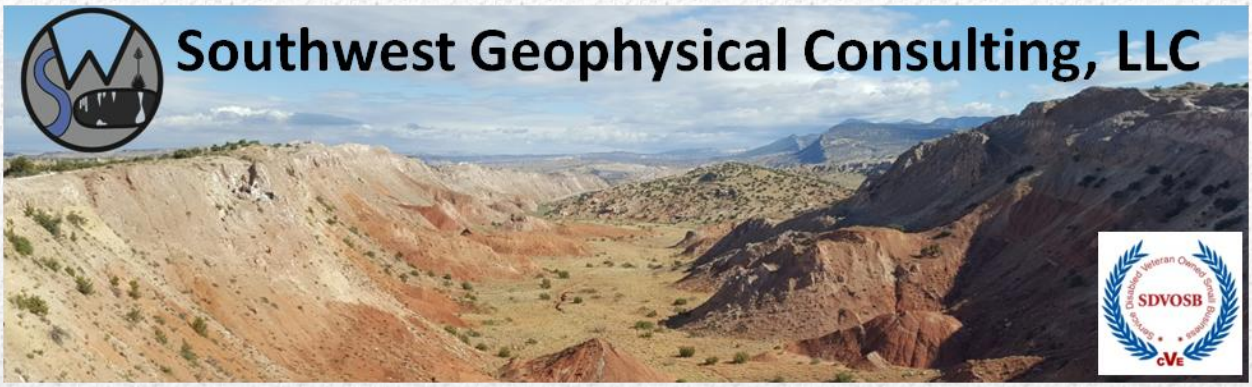
March 25, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper



Environmental Karst Study Report
Yukon Gold 31 19 Federal Com #212
Eddy County, New Mexico

Prepared For:

Carmona Resources

310 W Wall Street, Suite 500

Midland, TX 79701

☐ **Positive within 200 feet of spill delineation boundary**

☑ **Negative within 200 feet of spill delineation boundary**

☑ **Stable** ☐ **Unstable Ground**

☐ **Karst Monitor Recommended**

February 21, 2025

CARM-001-20241105

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MMXXV

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1.0 INTRODUCTION

This report was commissioned by Carmona Resources (hereinafter referred to as "the client"), on November 5, 2024, for the purpose of conducting an environmental karst study within an area encompassing the Yukon Gold 31 19 Federal Com #212 release site (hereinafter termed “YG31”) centered at N 32.765001° W 104.282459°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC[1]) and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions[2]) within the spill boundary of the Yukon Gold 31 19 Federal Com #212 release using electrical resistivity imaging[3].

1.2 Summary of Findings

- **No surface karst features exist within the 200-foot (61-meter) zone surrounding the spill delineation boundary.**
- **No anomalies consistent with air-filled voids are located within the YG31 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse.**
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**

1.3 Affected Environment

The YG31 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within both a **HIGH** karst occurrence zone (HKOZ) and a **MEDIUM** karst occurrence zone (MKOZ)[5] (**Figure 1**).

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat[4].

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff[4].

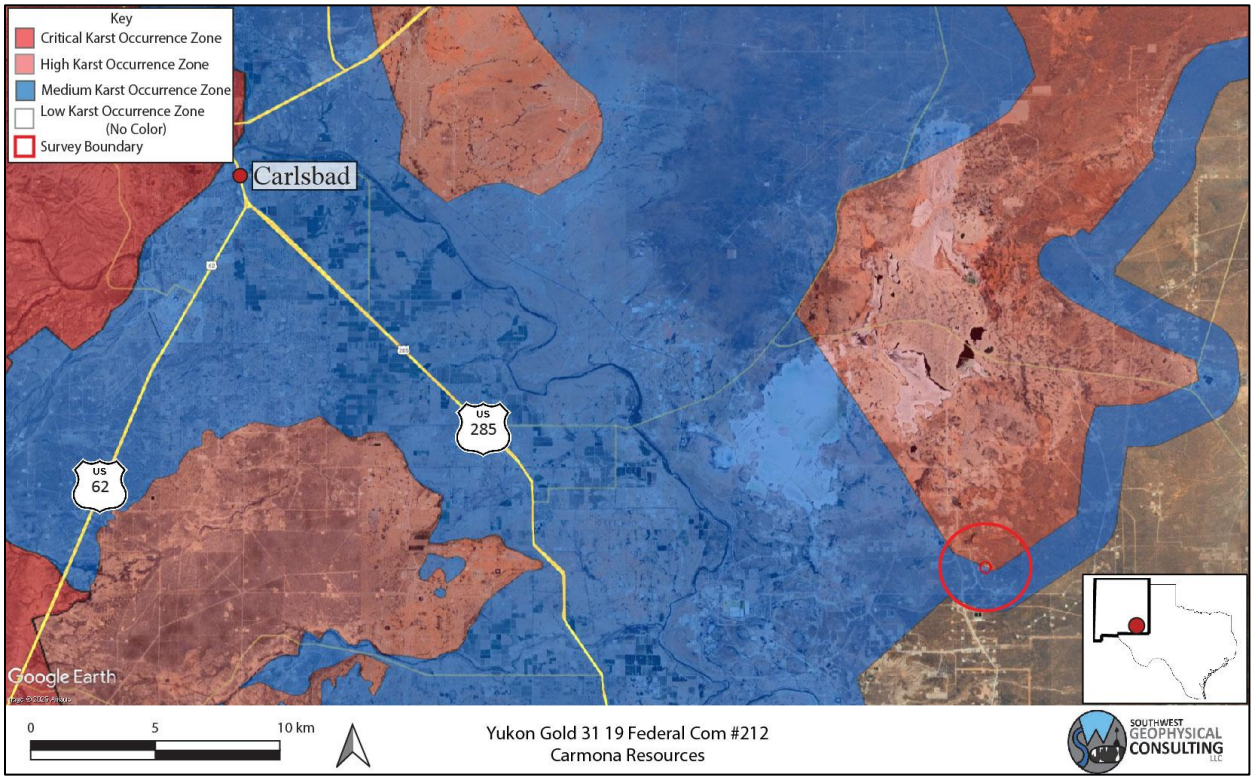

Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

Due to the rapidity with which evaporite karst develops, each location within a CKOZ or HKOZ must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results should be conducted in the field prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond three years past the dates of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 34.3 kilometers (21.3 miles) southeast of Carlsbad, New Mexico, east of Rawhide and Gavilan Roads. The release area is located within the northeast ¼ section of section 31, NM T23S R30E[6] (**Figure 1** and **Figure 2**). The region has rolling terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock[7] (see section ***2.2 Local Geology Summary*** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within both an HKOZ and MKOZ[5] (**Figure 1**) and entirely within BLM-CFO managed land[10] (**Figure 2**).

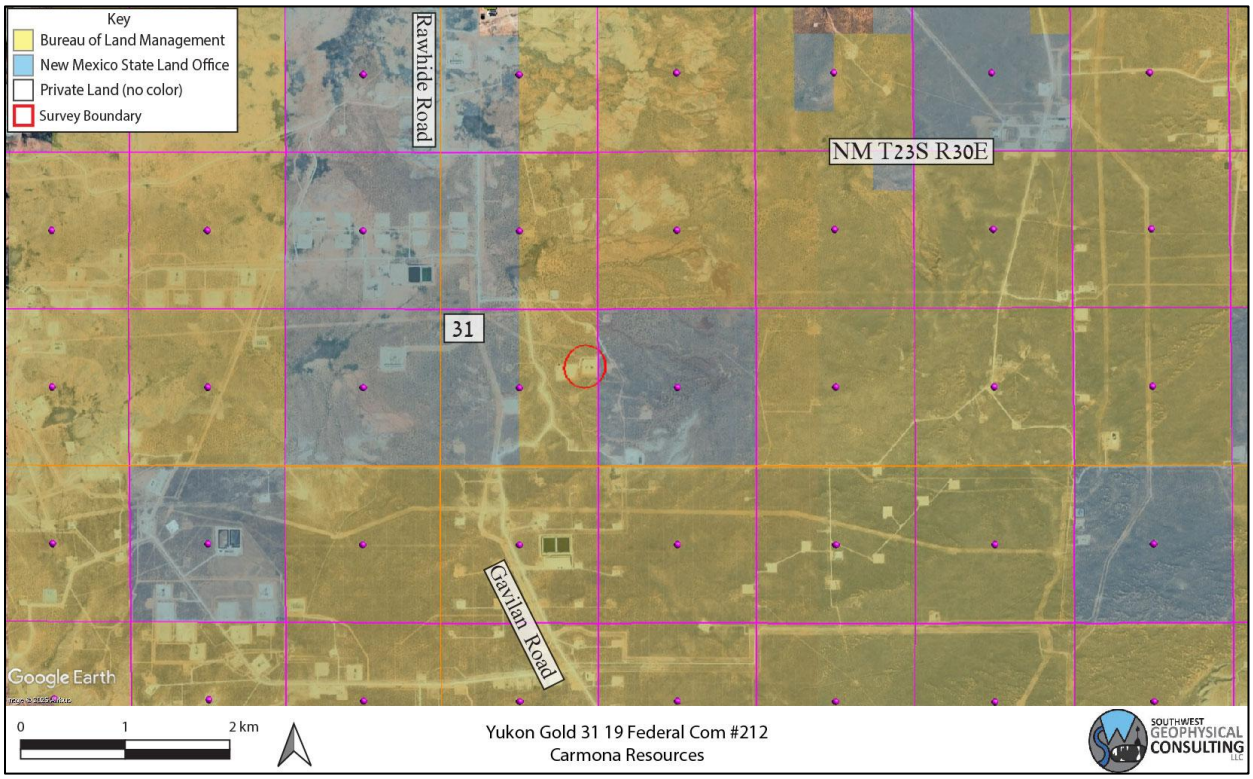

Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the YG31 survey is located east of Nash Draw at an elevation of 967 meters (3,173 feet), ± 15 meters (49.2 feet). This region is entirely underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite), Quaternary eolian deposits (Qe), and piedmont gravels (Qp)[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)[12].

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[11] and the Digital Geologic Map of New Mexico in ARC/INFO Format[14].

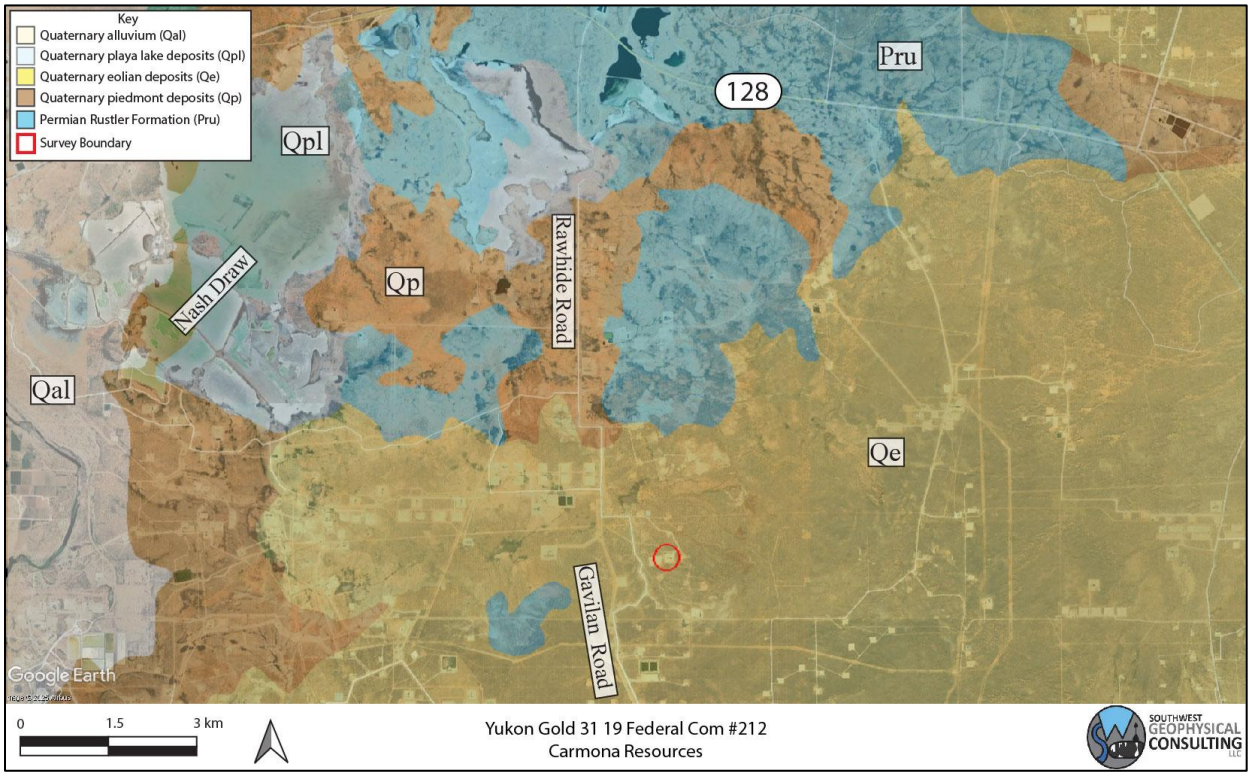

Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Inventory

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The aerial karst survey includes a surface karst desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated March 20, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated December 23, 2024[15]; the Remuda Basin, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

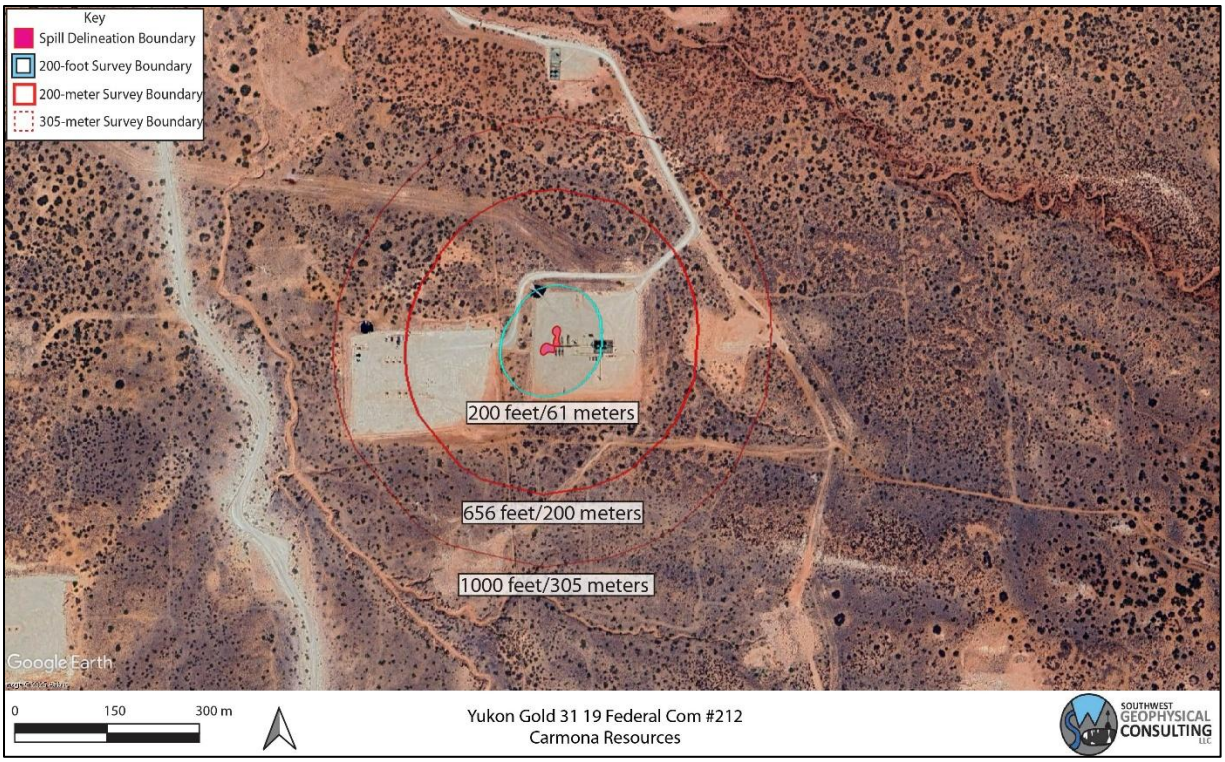

Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: August 21, 2024. Datum: WGS-84.

Aerial karst surveys are conducted at low elevation within 200 meters of the spill delineation boundary[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report[16].

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on November 18, 2024. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on December 2, 2024.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multi-electrode switchbox, a 56-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of one resistivity line in a dipole-dipole strong-gradient configuration laid out south to north. The single line consisted of 56 electrodes at 4-meter spacing, resulting in a 220-meter-long array (**Figure 5**, **Table 1**). A preconfigured command file was used to run the data collection (DDSG56). This electrode configuration provided a depth of investigation of 44 meters (144 feet) and a resolution of 2.0 to 2.5 meters (6.6 to 8.2 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

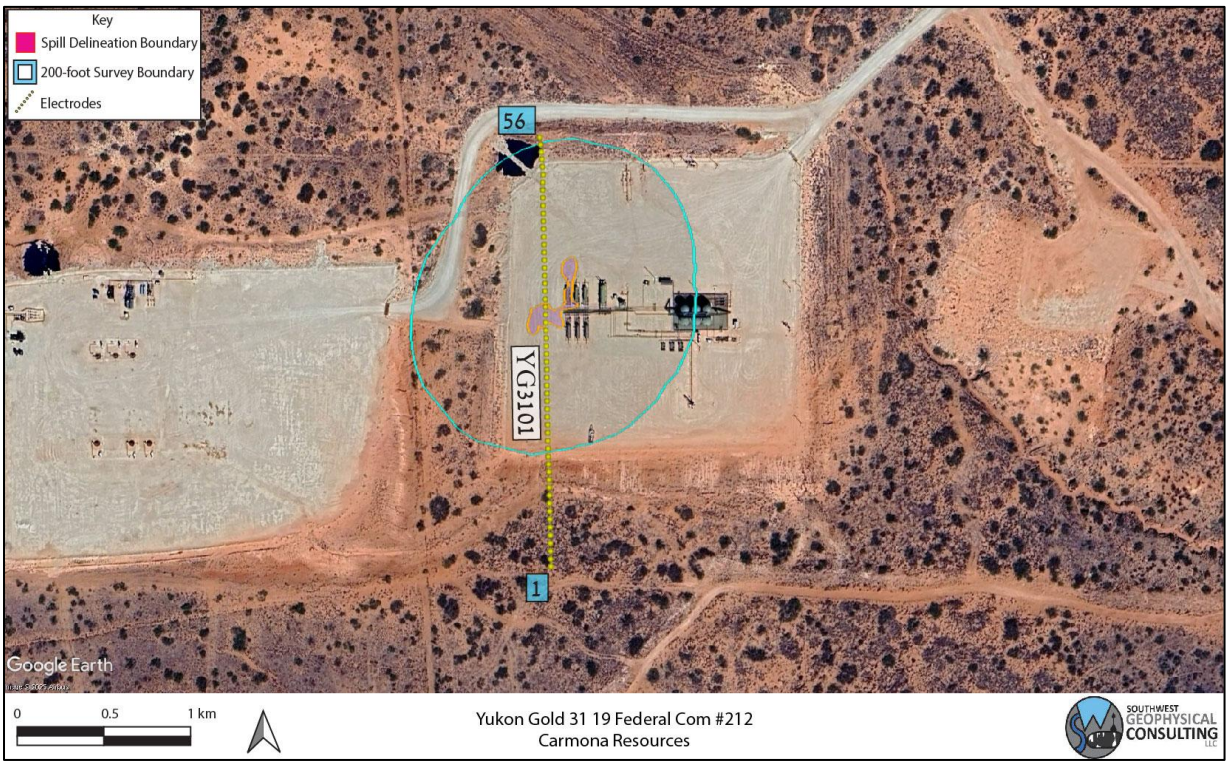

Figure 5: Geophysical survey overview. One survey line was conducted with 56 electrodes each at 4-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information including electrode number, location in latitude/ longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files YG31 _ERI_Points.xlsx and CARM-001-20241105_YG31_Data_Files.kmz.

File Name:	Completed By:	Date:
YG3101.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist	1/27/2025

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω-m) and a max apparent resistivity set to 100,000 Ω-m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m Min Apparent Resistivity = 0.1 Ω-m

Note: Raw data files (.stg files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on January 27, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey showed no surface karst features within the 200-foot (61-meter)[1] survey area surrounding the spill delineation boundary (**Figure 6**). No springs exist within the 1,000-foot (305-meter)[1] survey boundary.

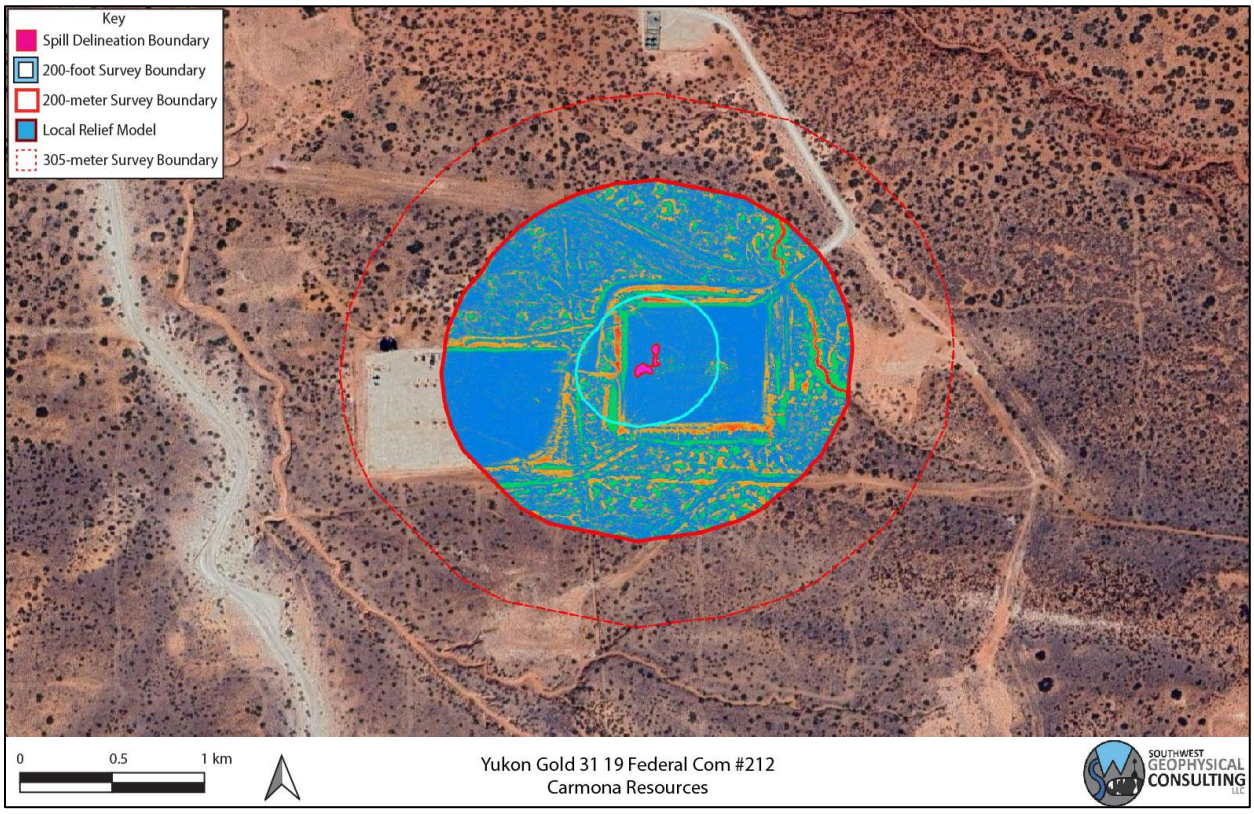

Figure 6: Aerial karst survey results. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-

active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 3.3 and 1,572 Ohm-m (**Figure 7**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

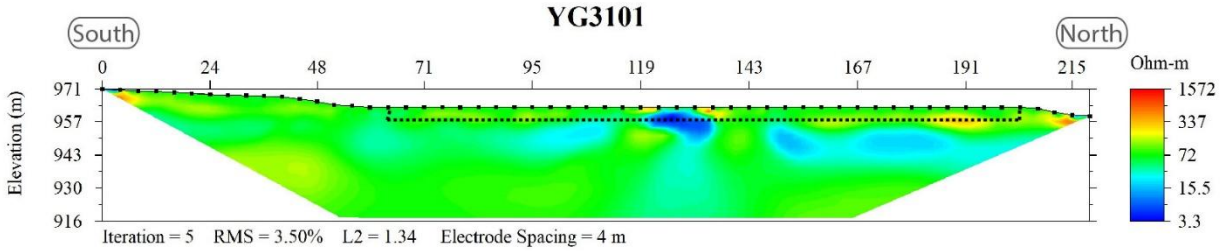

Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative. The dashed black line indicates the location of the well pad.

4.0 DISCUSSION

No anomalies consistent with air-filled subsurface voids are found within the YG31 survey area. However, small solutionally enlarged voids or fractures at or near the resolution limit of the survey (1.5 – 2.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils. Due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts. Areas of moderate resistivity (yellows, and greens) near the surface are interpreted as dry gypsite soils and gypsum bedrock of the Rustler Formation[17] (**Figure 7** and **Figure 8**).

The low-resistivity area between 3.3 – 15 Ohm-m is interpreted to represent fluid from the brine release. Other low resistivity areas between 15 and 50 may represent surface-to-subsurface hydrologic pathways, or a layer of either clays and halite lenses or moist or saturated layers within the Rustler Formation. (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities that require excavation below four feet in depth should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.0 – 2.5 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

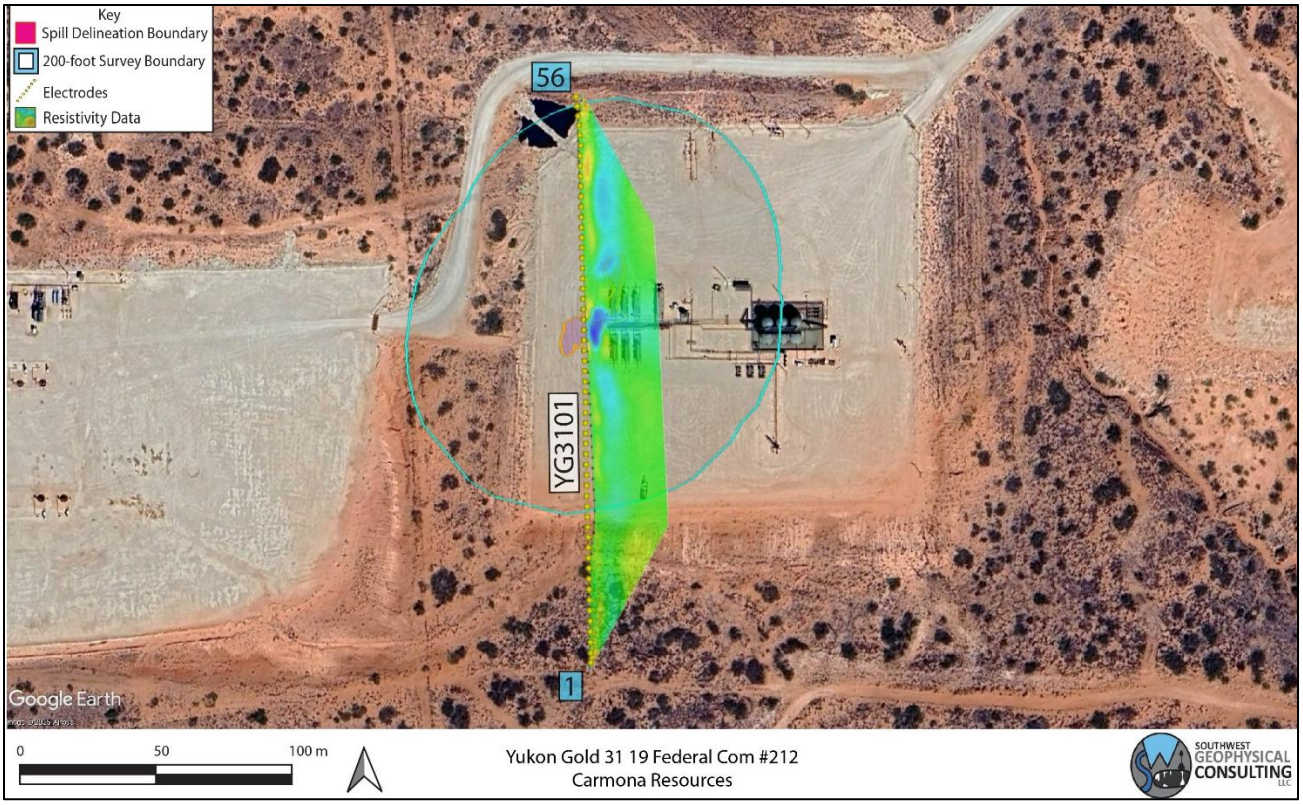

Figure 8: Data overlay. Colored trapezoid is the 2D inverted resistivity line. Background image credit: Google Earth. Image date: March 20, 2023.

5.0 SUMMARY

- **The YG31 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.**
- **No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the survey area.**
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

High karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

7.0 REFERENCES

1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).

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3 Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).

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12 Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).

13 Johnson, K. S. Evaporite Karst in the United States. *Carbonates and Evaporites* **12**, 2-14 (1997).

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16 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).

17 Hill, C. A. *Geology of the Delaware Basin, Guadalupe, Apache and Glass Mountains, New Mexico and West Texas*. Vol. 96-39 (Permian Basin Section - SEPM, 1996).

8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-001-20241105 entitled, “Environmental Karst Study Report, Yukon Gold 31 19 Federal Com #212, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, February 23, 2025.

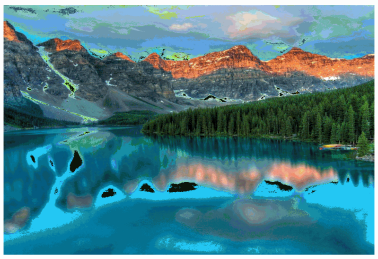
David D. Decker
PhD, CPG-12123

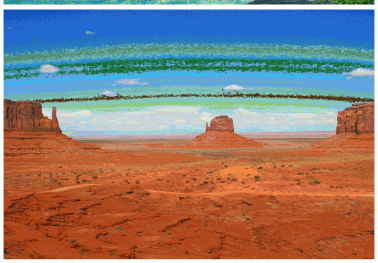
APPENDIX E

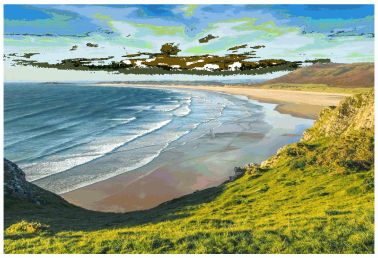
CARMONA RESOURCES

Report to:

Riley Plogger







5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name:	YUKON GOLD (02.25.2026)
Work Order:	E603188
Job Number:	01058-0007
Received:	3/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/20/26

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/20/26

Riley Plogger
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: YUKON GOLD (02.25.2026)
Workorder: E603188
Date Received: 3/16/2026 7:30:00AM

Riley Plogger,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/16/2026 7:30:00AM, under the Project Name: YUKON GOLD (02.25.2026).

The analytical test results summarized in this report with the Project Name: YUKON GOLD (02.25.2026) apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Table of Contents

Sample Summary

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	03/20/26 09:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (0.5')	E603188-01A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
CS-2 (0.5')	E603188-02A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
CS-3 (0.5')	E603188-03A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
CS-4 (0.5')	E603188-04A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
CS-5 (0.5')	E603188-05A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

CS-1 (0.5')

E603188-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*100 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612101
Diesel Range Organics (C10-C28)	**42.0**	25.0	1	03/18/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/18/26	
Surrogate: n-Nonane		*118 %*	*61-141*	*03/18/26*	*03/18/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2612104
Chloride	**374**	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

CS-2 (0.5')

E603188-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612101
Diesel Range Organics (C10-C28)	**53.2**	25.0	1	03/18/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/18/26	
Surrogate: n-Nonane		*118 %*	*61-141*	*03/18/26*	*03/18/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2612104
Chloride	**482**	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

CS-3 (0.5')

E603188-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612101
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/18/26	
Surrogate: n-Nonane		*120 %*	*61-141*	*03/18/26*	*03/18/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2612104
Chloride	**350**	20.0	1	03/18/26	03/19/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

CS-4 (0.5')

E603188-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612101
Diesel Range Organics (C10-C28)	**31.1**	25.0	1	03/18/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/18/26	
Surrogate: n-Nonane		*115 %*	*61-141*	*03/18/26*	*03/18/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2612104
Chloride	**326**	20.0	1	03/18/26	03/19/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

CS-5 (0.5')

E603188-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*99.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612101
Diesel Range Organics (C10-C28)	**48.5**	25.0	1	03/18/26	03/18/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/18/26	
Surrogate: n-Nonane		*116 %*	*61-141*	*03/18/26*	*03/18/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2612104
Chloride	**345**	20.0	1	03/18/26	03/19/26	

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612080-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS (2612080-BS1)									Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.22	0.0250	2.50		88.6	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130			
Toluene	2.28	0.0250	2.50		91.1	70-130			
o-Xylene	2.20	0.0250	2.50		88.1	70-130			
p,m-Xylene	4.36	0.0500	5.00		87.1	70-130			
Total Xylenes	6.56	0.0250	7.50		87.5	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			
Matrix Spike (2612080-MS1)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.27	0.0250	2.50	ND	90.6	48-131			
Ethylbenzene	2.35	0.0250	2.50	ND	94.2	45-135			
Toluene	2.32	0.0250	2.50	ND	92.8	48-130			
o-Xylene	2.24	0.0250	2.50	ND	89.7	43-135			
p,m-Xylene	4.45	0.0500	5.00	ND	89.0	43-135			
Total Xylenes	6.69	0.0250	7.50	ND	89.2	43-135			
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
Matrix Spike Dup (2612080-MSD1)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.16	0.0250	2.50	ND	86.4	48-131	4.77	23	
Ethylbenzene	2.30	0.0250	2.50	ND	91.9	45-135	2.43	27	
Toluene	2.26	0.0250	2.50	ND	90.5	48-130	2.44	24	
o-Xylene	2.22	0.0250	2.50	ND	88.7	43-135	1.08	27	
p,m-Xylene	4.36	0.0500	5.00	ND	87.1	43-135	2.19	27	
Total Xylenes	6.57	0.0250	7.50	ND	87.6	43-135	1.82	27	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.8*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612080-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS (2612080-BS2)									Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.510*		*0.500*		*102*	*70-130*			
Matrix Spike (2612080-MS2)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2612080-MSD2)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	2.74	20	
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612101-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.5*		*50.0*		*113*	*61-141*			
LCS (2612101-BS1)									Prepared: 03/18/26 Analyzed: 03/18/26
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	*56.4*		*50.0*		*113*	*61-141*			
Matrix Spike (2612101-MS1)				**Source: E603196-01**					Prepared: 03/18/26 Analyzed: 03/18/26
Diesel Range Organics (C10-C28)	1460	25.0	250	1100	146	56-156			
Surrogate: n-Nonane	*58.3*		*50.0*		*117*	*61-141*			
Matrix Spike Dup (2612101-MSD1)				**Source: E603196-01**					Prepared: 03/18/26 Analyzed: 03/18/26
Diesel Range Organics (C10-C28)	1700	25.0	250	1100	239	56-156	14.8	20	M4
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*61-141*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 9:41:10AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612104-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	ND	20.0							
LCS (2612104-BS1)									Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	268	20.0	250		107	90-110			
Matrix Spike (2612104-MS1)				**Source: E603184-02**					Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	273	20.0	250	ND	109	80-120			
Matrix Spike Dup (2612104-MSD1)				**Source: E603184-02**					Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	274	20.0	250	ND	109	80-120	0.303	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	03/20/26 09:41

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: 603188

Job # 01058.0007

Page 1 of 1

Project Manager:	Riley Plogger	Bill to: (if different)	~~Carmona Resources~~ Devon
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	Rplogger@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	YUKON GOLD (02.25.2026)	Turn Around	☑ Routine ☐ Rush
Project Number:	3174	Due Date:	Standard
Project Location	Eddy County, NM		
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Lab #	HOLD	Sample Comments
CS-1 (0.5')	3/12/2026		X		Comp	1	X	X	X	1		2.6
CS-2 (0.5')	3/12/2026		X		Comp	1	X	X	X	2		2.8
CS-3 (0.5')	3/12/2026		X		Comp	1	X	X	X	3		3.2
CS-4 (0.5')	3/12/2026		X		Comp	1	X	X	X	4		3.6
CS-5 (0.5')	3/12/2026		X		Comp	1	X	X	X	5		2.9

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Riley Plogger	Michelle Gonzales	3-13-26 715	2 Michelle Gonzales	Marissa Gonzales	3-14-26 0700
3			4		
5 Marissa Gonzales	Johnny Archuleta	3-14-26 1100	6 Johnny Archuleta	Cauth Mar	3-16-26 730

Revised Date 05012020 Rev. 2020.1

Envirotech Analytical Laboratory

Printed: 3/17/2026 9:39:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	03/16/26 07:30	Work Order ID:	E603188
Phone:	(432) 813-8988	Date Logged In:	03/16/26 14:33	Logged In By:	Caitlin Mars
Email:	rplogger@carmonaresources.com	Due Date:	03/20/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time samples not provided on COC.
L-NS
R-CM

Client Instruction

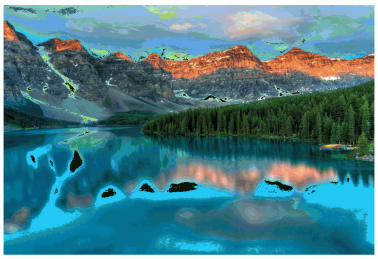
Signature of client authorizing changes to the COC or sample disposition.

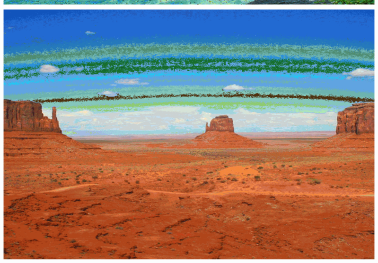
Date

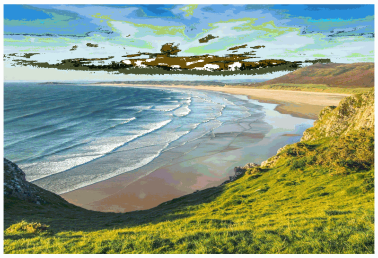
envirotech Inc.

Report to:

Riley Plogger







5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

NELAP ACCREDITED TNI LABORATORY

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Carmona Resources

Project Name: YUKON GOLD (02.25.2026)

Work Order: E603187

Job Number: 01058-0007

Received: 3/16/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/20/26

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/20/26

Riley Plogger
310 West Wall St. Suite 415
Midland, TX 79701

Project Name: YUKON GOLD (02.25.2026)
Workorder: E603187
Date Received: 3/16/2026 7:30:00AM

Riley Plogger,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/16/2026 7:30:00AM, under the Project Name: YUKON GOLD (02.25.2026).

The analytical test results summarized in this report with the Project Name: YUKON GOLD (02.25.2026) apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Table of Contents

Sample Summary

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	03/20/26 11:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H-1 (0-0.5')	E603187-01A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
H-2 (0-0.5')	E603187-02A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
H-3 (0-0.5')	E603187-03A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
H-4 (0-0.5')	E603187-04A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
H-5 (0-0.5')	E603187-05A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.
H-6 (0-0.5')	E603187-06A	Soil	03/12/26	03/16/26	Glass Jar, 4 oz.

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-1 (0-0.5')

E603187-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*99.4 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*114 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-2 (0-0.5')

E603187-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*106 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-3 (0-0.5')

E603187-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*95.0 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*111 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-4 (0-0.5')

E603187-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*114 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-5 (0-0.5')

E603187-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*97.2 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*99.7 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*109 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

Sample Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

H-6 (0-0.5')

E603187-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Benzene	ND	0.0250	1	03/18/26	03/18/26	
Ethylbenzene	ND	0.0250	1	03/18/26	03/18/26	
Toluene	ND	0.0250	1	03/18/26	03/18/26	
o-Xylene	ND	0.0250	1	03/18/26	03/18/26	
p,m-Xylene	ND	0.0500	1	03/18/26	03/18/26	
Total Xylenes	ND	0.0250	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2612080
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/18/26	03/18/26	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*03/18/26*	*03/18/26*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*03/18/26*	*03/18/26*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2612099
Diesel Range Organics (C10-C28)	ND	25.0	1	03/18/26	03/19/26	
Oil Range Organics (C28-C36)	ND	50.0	1	03/18/26	03/19/26	
Surrogate: n-Nonane		*112 %*	*61-141*	*03/18/26*	*03/19/26*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2612095
Chloride	ND	20.0	1	03/18/26	03/18/26	

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612080-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS (2612080-BS1)									Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.22	0.0250	2.50		88.6	70-130			
Ethylbenzene	2.32	0.0250	2.50		92.7	70-130			
Toluene	2.28	0.0250	2.50		91.1	70-130			
o-Xylene	2.20	0.0250	2.50		88.1	70-130			
p,m-Xylene	4.36	0.0500	5.00		87.1	70-130			
Total Xylenes	6.56	0.0250	7.50		87.5	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*98.0*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.4*	*70-130*			
Matrix Spike (2612080-MS1)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.27	0.0250	2.50	ND	90.6	48-131			
Ethylbenzene	2.35	0.0250	2.50	ND	94.2	45-135			
Toluene	2.32	0.0250	2.50	ND	92.8	48-130			
o-Xylene	2.24	0.0250	2.50	ND	89.7	43-135			
p,m-Xylene	4.45	0.0500	5.00	ND	89.0	43-135			
Total Xylenes	6.69	0.0250	7.50	ND	89.2	43-135			
Surrogate: Bromofluorobenzene	*0.499*		*0.500*		*99.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.497*		*0.500*		*99.3*	*70-130*			
Matrix Spike Dup (2612080-MSD1)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Benzene	2.16	0.0250	2.50	ND	86.4	48-131	4.77	23	
Ethylbenzene	2.30	0.0250	2.50	ND	91.9	45-135	2.43	27	
Toluene	2.26	0.0250	2.50	ND	90.5	48-130	2.44	24	
o-Xylene	2.22	0.0250	2.50	ND	88.7	43-135	1.08	27	
p,m-Xylene	4.36	0.0500	5.00	ND	87.1	43-135	2.19	27	
Total Xylenes	6.57	0.0250	7.50	ND	87.6	43-135	1.82	27	
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.499*		*0.500*		*99.8*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612080-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.489*		*0.500*		*97.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.501*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.501*		*0.500*		*100*	*70-130*			
LCS (2612080-BS2)									Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.510*		*0.500*		*102*	*70-130*			
Matrix Spike (2612080-MS2)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.8	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.509*		*0.500*		*102*	*70-130*			
Matrix Spike Dup (2612080-MSD2)				**Source: E603187-05**					Prepared: 03/18/26 Analyzed: 03/18/26
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	2.74	20	
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612099-BLK1)									Prepared: 03/18/26 Analyzed: 03/19/26
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*61-141*			
LCS (2612099-BS1)									Prepared: 03/18/26 Analyzed: 03/19/26
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	*53.2*		*50.0*		*106*	*61-141*			
Matrix Spike (2612099-MS1)				**Source: E603202-02**					Prepared: 03/18/26 Analyzed: 03/19/26
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	*54.7*		*50.0*		*109*	*61-141*			
Matrix Spike Dup (2612099-MSD1)				**Source: E603202-02**					Prepared: 03/18/26 Analyzed: 03/19/26
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	0.0866	20	
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*61-141*			

QC Summary Data

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	**Reported:**
310 West Wall St. Suite 415	Project Number:	01058-0007	
Midland TX, 79701	Project Manager:	Riley Plogger	3/20/2026 11:07:51AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2612095-BLK1)									Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	ND	20.0							
LCS (2612095-BS1)									Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	266	20.0	250		106	90-110			
Matrix Spike (2612095-MS1)				**Source: E603201-06**					Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	1170	20.0	250	967	81.4	80-120			
Matrix Spike Dup (2612095-MSD1)				**Source: E603201-06**					Prepared: 03/18/26 Analyzed: 03/18/26
Chloride	1250	20.0	250	967	113	80-120	6.58	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Carmona Resources	Project Name:	YUKON GOLD (02.25.2026)	
310 West Wall St. Suite 415	Project Number:	01058-0007	**Reported:**
Midland TX, 79701	Project Manager:	Riley Plogger	03/20/26 11:07

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Work Order No: E603187

Job # 01058.0007

Project Manager:	Riley Plogger	Bill to: (if different)	~~Carmona Resources~~ Devon
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	Rplogger@carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	YUKON GOLD (02.25.2026)	Turn Around	
Project Number:	3174	☑ Routine ☐ Rush	
Project Location	Eddy County, NM	Due Date:	Standard
Sampler's Name:	KR		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	Lab #	HOLD	Sample Comments
H-1 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	1		3.0
H-2 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	2		2.6
H-3 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	3		2.4
H-4 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	4		2.8
H-5 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	5		3.2
H-6 (0-0.5')	3/12/2026		X		Grab/	1	X	X	X	6		3.6

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Riley Plogger	Michelle Gonzales	3-13-26 715	2 Michelle Gonzales	Marissa Gonzales	3-14-26 0700
3			4		
5 Marissa Gonzales	Johnny Archuleta	3-14-26 1100	6 Johnny Archuleta	Cath Mar	3-16-26 730

Revised Date 05012020 Rev. 2020.1

Envirotech Analytical Laboratory

Printed: 3/17/2026 9:36:08AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Carmona Resources	Date Received:	03/16/26 07:30	Work Order ID:	E603187
Phone:	(432) 813-8988	Date Logged In:	03/16/26 14:16	Logged In By:	Caitlin Mars
Email:	rplogger@carmonaresources.com	Due Date:	03/20/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes	
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filtration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Time samples not provided on COC.
L-NS
R-CM

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Riley Plogger
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 3/25/2026 12:03:46 PM

JOB DESCRIPTION

YUKON GOLD (2.25.2026)
Eddy County NM

JOB NUMBER

880-69737-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

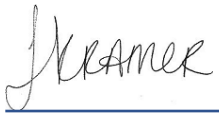
Eurofins Midland

Job Notes

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

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

Authorization



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3/25/2026 12:03:46 PM

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

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Laboratory Job ID: 880-69737-1
SDG: Eddy County NM

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1

Job ID: 880-69737-1 Eurofins Midland

Job Narrative
880-69737-1

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

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

Receipt
The sample was received on 3/18/2026 1:12 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.2°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill (880-69737-1).

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

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Client Sample ID: Backfill

Date Collected: 03/18/26 00:00
Date Received: 03/18/26 13:12

Lab Sample ID: 880-69737-1

Matrix: Solid

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		03/23/26 10:09	03/24/26 05:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/24/26 05:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/24/26 05:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/23/26 10:09	03/24/26 05:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/24/26 05:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/23/26 10:09	03/24/26 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/23/26 10:09*	*03/24/26 05:54*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/23/26 10:09*	*03/24/26 05:54*	*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			03/24/26 05:54	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			03/24/26 00:22	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		03/18/26 13:45	03/24/26 00:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/18/26 13:45	03/24/26 00:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/18/26 13:45	03/24/26 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*03/18/26 13:45*	*03/24/26 00:22*	*1*
o-Terphenyl	*110*		*70 - 130*	*03/18/26 13:45*	*03/24/26 00:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**169**		49.7		mg/Kg			03/21/26 00:03	5

Surrogate Summary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-69645-A-1-C MS	Matrix Spike	124	94
880-69645-A-1-D MSD	Matrix Spike Duplicate	94	93
880-69737-1	Backfill	125	109
LCS 880-135613/1-A	Lab Control Sample	118	103
LCSD 880-135613/2-A	Lab Control Sample Dup	107	100
MB 880-135610/5-A	Method Blank	121	99
MB 880-135613/5-A	Method Blank	120	96

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-69737-1	Backfill	119	110
890-9665-A-9-B MS	Matrix Spike	122	113
890-9665-A-9-C MSD	Matrix Spike Duplicate	124	116
LCS 880-135290/2-A	Lab Control Sample	120	109
LCSD 880-135290/3-A	Lab Control Sample Dup	115	107
MB 880-135290/1-A	Method Blank	93	102

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135610/5-A
Matrix: Solid
Analysis Batch: 135601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:03	03/23/26 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:03	03/23/26 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:03	03/23/26 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/26 10:03	03/23/26 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:03	03/23/26 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/26 10:03	03/23/26 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*03/23/26 10:03*	*03/23/26 11:46*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/23/26 10:03*	*03/23/26 11:46*	*1*

Lab Sample ID: MB 880-135613/5-A
Matrix: Solid
Analysis Batch: 135601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/23/26 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/23/26 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/23/26 22:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/26 10:09	03/23/26 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/26 10:09	03/23/26 22:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/26 10:09	03/23/26 22:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/23/26 10:09*	*03/23/26 22:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*03/23/26 10:09*	*03/23/26 22:49*	*1*

Lab Sample ID: LCS 880-135613/1-A
Matrix: Solid
Analysis Batch: 135601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1064		mg/Kg		106	70 - 130		
Toluene			0.100	0.09892		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.09243		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene			0.200	0.1908		mg/Kg		95	70 - 130		
o-Xylene			0.100	0.1019		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-135613/2-A
Matrix: Solid
Analysis Batch: 135601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135613

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1089		mg/Kg		109	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-135613/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135601 — **Prep Batch: 135613**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1014		mg/Kg		101	70 - 130	2	35
Ethylbenzene			0.100	0.1086		mg/Kg		109	70 - 130	16	35
m-Xylene & p-Xylene			0.200	0.2117		mg/Kg		106	70 - 130	10	35
o-Xylene			0.100	0.1109		mg/Kg		111	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-69645-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135601 — **Prep Batch: 135613**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09330		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08935		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09164		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2142		mg/Kg		107	70 - 130
o-Xylene	<0.00200	U	0.100	0.1084		mg/Kg		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-69645-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135601 — **Prep Batch: 135613**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09427		mg/Kg		94	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.08761		mg/Kg		88	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08581		mg/Kg		86	70 - 130	7	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1695		mg/Kg		85	70 - 130	23	35
o-Xylene	<0.00200	U	0.100	0.08687		mg/Kg		87	70 - 130	22	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

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

Lab Sample ID: MB 880-135290/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135673 — **Prep Batch: 135290**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/18/26 13:45	03/23/26 12:14	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

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

Lab Sample ID: MB 880-135290/1-A
Matrix: Solid
Analysis Batch: 135673

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135290

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/18/26 13:45	03/23/26 12:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/18/26 13:45	03/23/26 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/18/26 13:45*	*03/23/26 12:14*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/18/26 13:45*	*03/23/26 12:14*	*1*

Lab Sample ID: LCS 880-135290/2-A
Matrix: Solid
Analysis Batch: 135673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135290

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	986.9		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: LCSD 880-135290/3-A
Matrix: Solid
Analysis Batch: 135673

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135290

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	953.7		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	974.7		mg/Kg		97	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*107*		*70 - 130*

Lab Sample ID: 890-9665-A-9-B MS
Matrix: Solid
Analysis Batch: 135673

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 135290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	833.4		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	852.9		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

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

Lab Sample ID: 890-9665-A-9-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 135673 — **Prep Batch: 135290**

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	<49.9	U	999	851.5		mg/Kg		85	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	877.7		mg/Kg		86	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*124*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-135372/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 135493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/20/26 23:44	1

Lab Sample ID: LCS 880-135372/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 135493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-135372/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 135493

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	238.6		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-69737-1 MS — **Client Sample ID: Backfill**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 135493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	169		1240	1401		mg/Kg		99	90 - 110

Lab Sample ID: 880-69737-1 MSD — **Client Sample ID: Backfill**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 135493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	169		1240	1393		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

GC VOA

Analysis Batch: 135601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	8021B	135613
MB 880-135610/5-A	Method Blank	Total/NA	Solid	8021B	135610
MB 880-135613/5-A	Method Blank	Total/NA	Solid	8021B	135613
LCS 880-135613/1-A	Lab Control Sample	Total/NA	Solid	8021B	135613
LCSD 880-135613/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135613
880-69645-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	135613
880-69645-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135613

Prep Batch: 135610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-135610/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 135613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	5035	
MB 880-135613/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135613/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135613/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69645-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-69645-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 135290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-135290/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135290/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9665-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9665-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	8015B NM	135290
MB 880-135290/1-A	Method Blank	Total/NA	Solid	8015B NM	135290
LCS 880-135290/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135290
LCSD 880-135290/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135290
890-9665-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	135290
890-9665-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	135290

Analysis Batch: 135887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

HPLC/IC

Leach Batch: 135372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Soluble	Solid	DI Leach	
MB 880-135372/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135372/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135372/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69737-1 MS	Backfill	Soluble	Solid	DI Leach	
880-69737-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 135493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69737-1	Backfill	Soluble	Solid	300.0	135372
MB 880-135372/1-A	Method Blank	Soluble	Solid	300.0	135372
LCS 880-135372/2-A	Lab Control Sample	Soluble	Solid	300.0	135372
LCSD 880-135372/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135372
880-69737-1 MS	Backfill	Soluble	Solid	300.0	135372
880-69737-1 MSD	Backfill	Soluble	Solid	300.0	135372

Lab Chronicle

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Client Sample ID: Backfill

Date Collected: 03/18/26 00:00
Date Received: 03/18/26 13:12

Lab Sample ID: 880-69737-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135613	03/23/26 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135601	03/24/26 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135778	03/24/26 05:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			135887	03/24/26 00:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	135290	03/18/26 13:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135673	03/24/26 00:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	135372	03/19/26 09:55	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	135493	03/21/26 00:03	SMC	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: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: YUKON GOLD (2.25.2026)

Job ID: 880-69737-1
SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-69737-1	Backfill	Solid	03/18/26 00:00	03/18/26 13:12	Texas

Chain of Custody

880-69737 Chain of Custody

Project Manager:	Riley Plogger	Bill to: (if different)	Jim Raley
Company Name:	Carmona Resources	Company Name:	Devon Energy
Address:	310 West Wall Ste. 500	Address:	5315 Buena Vista Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Carlsbad, NM 88220
Phone:	432-813-8988	Email:	jim.raley@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	YUKON GOLD (02.25.2026)	Turn Around	
Project Number:	3174	☑ Routine ☐ Rush	
Project Location	Eddy County, NM	Due Date:	Standard
Sampler's Name:	JR		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	6.1
Total Containers:		Corrected Temperature:	6.2

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	HOLD	Sample Comments
Backfill	3/18/2026		X		Comp	1		X	X	X		

Parameters

ANALYSIS REQUEST

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3.18.26 13:12	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69737-1
SDG Number: Eddy County NM

Login Number: 69737
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 567480

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2605673419**
Incident Name	**NAPP2605673419 YUKON GOLD 31 CTB 2 @ FAPP2123652649**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2123652649] YUKON GOLD 31 CTB 2**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	YUKON GOLD 31 CTB 2
Date Release Discovered	02/25/2026
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 25 BBL | Recovered: 24 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak on water dump line allowed fluids to be released to separator skid, approximately. 1 bbl impacted pad surface.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/27/2026

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	482
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	53
GRO+DRO (EPA SW-846 Method 8015M)	53
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	03/12/2026
On what date will (or did) the final sampling or liner inspection occur	03/12/2026
On what date will (or was) the remediation complete(d)	03/23/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	692
What is the estimated volume (in cubic yards) that will be remediated	13
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/27/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**562321**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/18/2026**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**675**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	692
What was the total volume (cubic yards) remediated	13
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/27/2026

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QUESTIONS (continued)

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	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 567480
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved with the following conditions:	4/13/2026
scwells	For future releases at this site, the minimum distance to "A continuously flowing watercourse or any other significant watercourse" must be updated to reflect the correct minimum distance which is between 500 and 1000 feet east of the release.	4/13/2026