



SITE INFORMATION

Closure Report
M-Chaves Station 12"-DL-09162024
Chaves County, New Mexico
Incident ID: nAPP2426127476
Unit E Sec 09 T15S R30E
33.031636°, -103.935752°

Natural Gas Release
Point of Release: Equipment Failure
Release Date: 09.21.2024
Volume Released: 6 barrels of Condensate
Volume Recovered: 4 barrels of Condensate

CARMONA RESOURCES



Prepared for:
Kinetik Midstream
47 Conoco Rd.
Maljamar, New Mexico 88264

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	EXCAVATION

APPENDICES

APPENDIX A	TABLES
APPENDIX B	PHOTOS
APPENDIX C	N.O.R. AND FINAL C-141/NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS



November 26, 2024

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

Re: Closure Report
M-Chaves Station 12"-DL-09162024
Kinetik Midstream
Incident ID: nAPP2426127476
Site Location: Unit E, S09, T15S, R30E
(Lat 33.031636°, Long -103.935752°)
Chaves County, New Mexico

To whom it may concern:

On behalf of Kinetik Midstream, Carmona Resources, LLC has prepared this letter to document site assessment activities for the M-Chaves Station 12"-DL-09162024. This site is located at 33.031636°,-103.935752° within Unit E, S09, T15S, R30E, in Chaves County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered due to equipment failure on a 12" buried gas line on September 16, 2024. It released approximately six (6) barrels of condensate, with four barrels (4) recovered. The impacted area occurred on the R.O.W. See Figure 3. The Notice of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is located approximately 2.87 miles West of the site in S12, T15S, R29E, and was drilled in 2011. The well has a reported depth to groundwater of 400' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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



4.0 Site Assessment Activities

Initial Assessment

Carmona Resources, LLC performed site assessment activities to evaluate soil impacts from the release. Three (3) sample points (S-1 through S-3) and four (4) horizontal samples (H-1 through H-4) were advanced to depths ranging from the surface to 1' bgs inside and surrounding the release area to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were on site to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via the NMOCD Portal on November 4, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of one (1) floor confirmation samples were collected (CS-1), and four (4) sidewall samples (SW-1 through SW-4) 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 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples met the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2.

Approximately 220 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

Based on the assessment results and the final analytical data, no further actions are required at the site. Kinetik formally requests the closure of these incidents. If you have any questions about this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

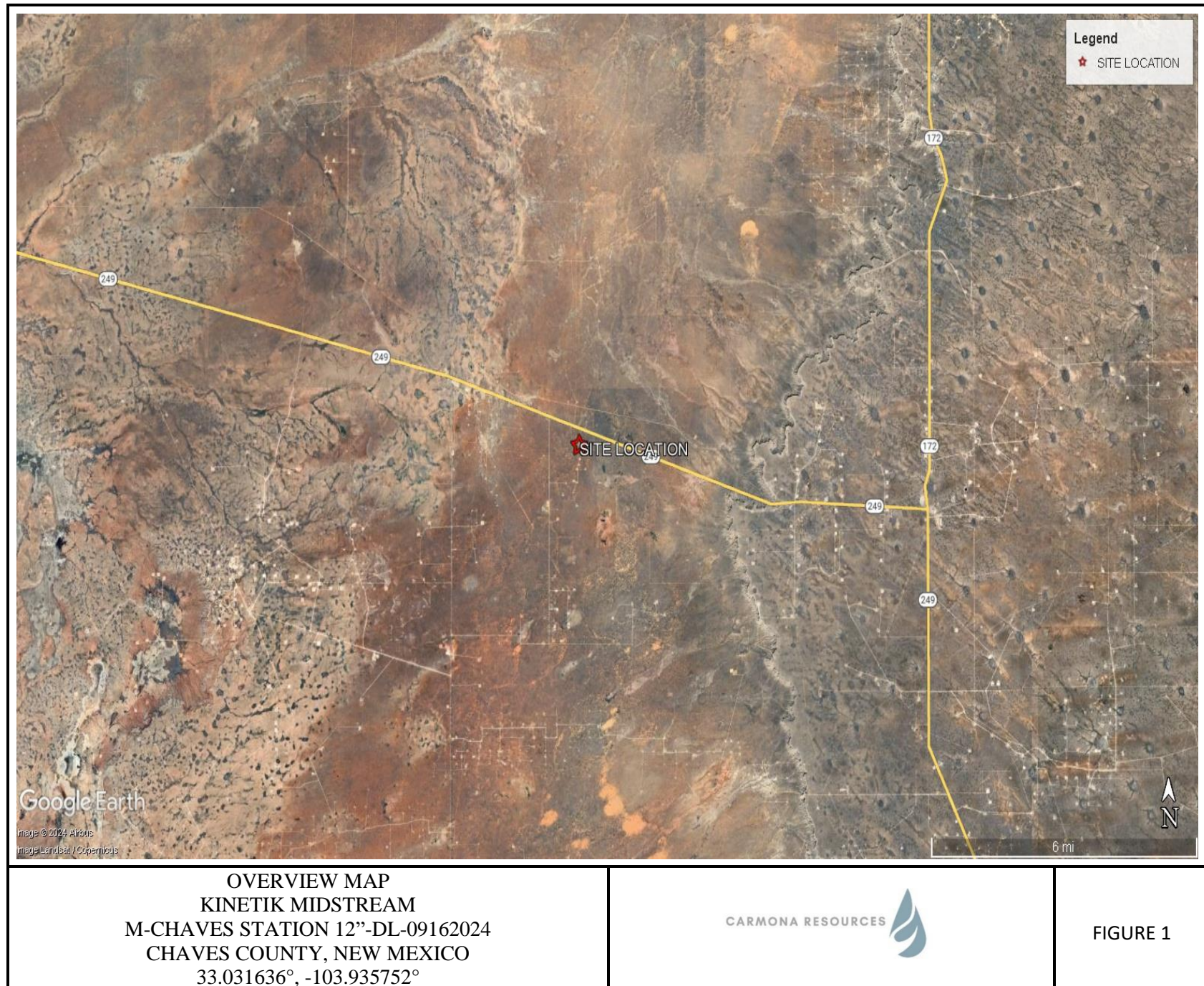
Conner Moehring
Environmental Manager

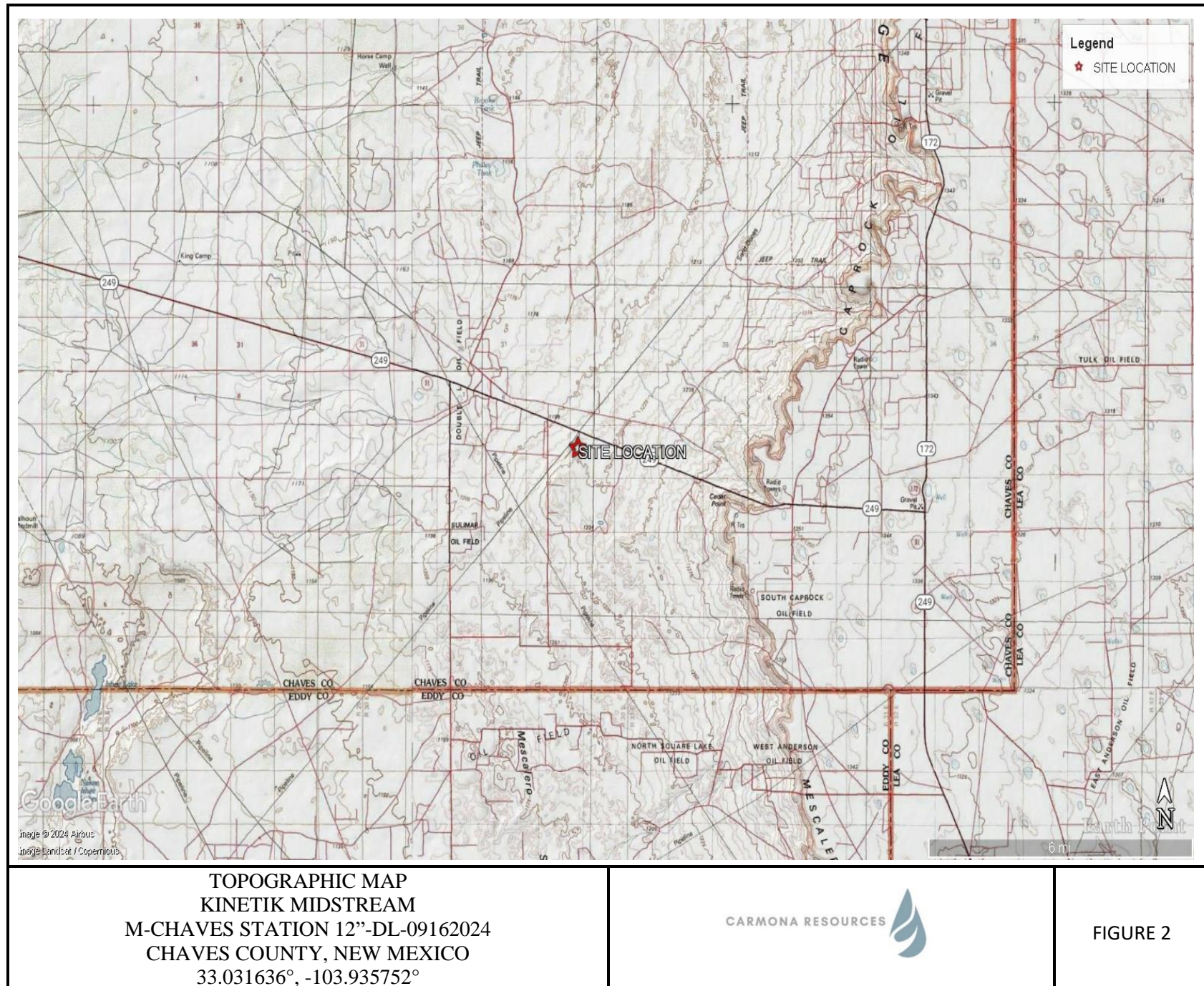
Devin Dominguez
Sr. Project Manager

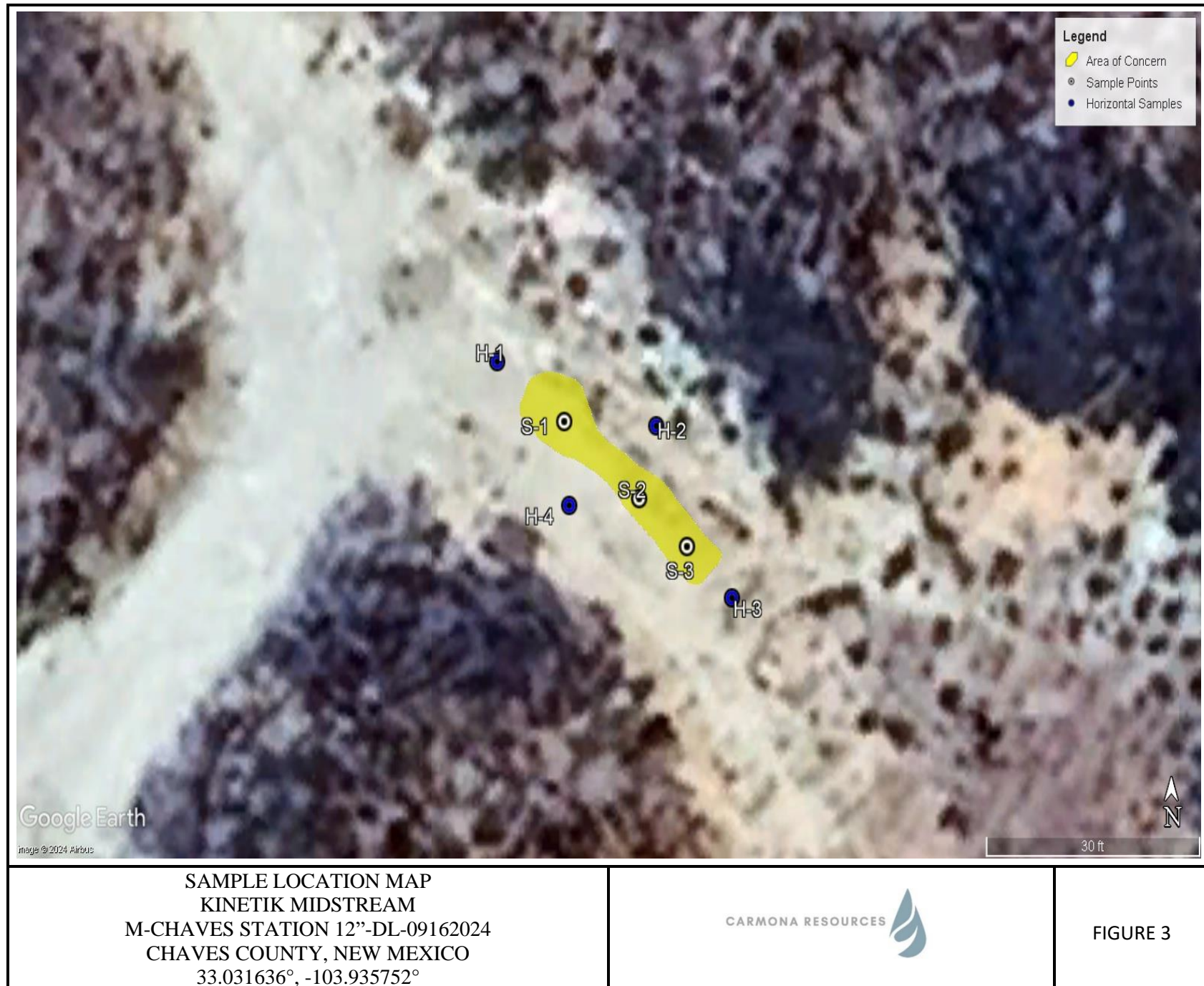
FIGURES

CARMONA RESOURCES











APPENDIX A

CARMONA RESOURCES



Table 1
Kinetic Midstream
M-Chaves Station 12" - DL- 09162024
Chaves County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	10/2/2024	0-1'	21,900	67,400	12,400	101,700	131	722	578	544	1,980	144
Refusal												
S-2	10/2/2024	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	0.061	<0.050	<0.150	<0.300	<16.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
S-3	10/2/2024	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-1	10/2/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-2	10/2/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-3	10/2/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-4	10/2/2024	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Point

 Removed

Table 2
Kinetic Midstream
M-Chaves Station 12" - DL- 09162024
Chaves 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						
CS-1	11/6/2024	9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-1	11/6/2024	9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	11/6/2024	9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	11/6/2024	9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	11/6/2024	9	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Kinetik Midstream

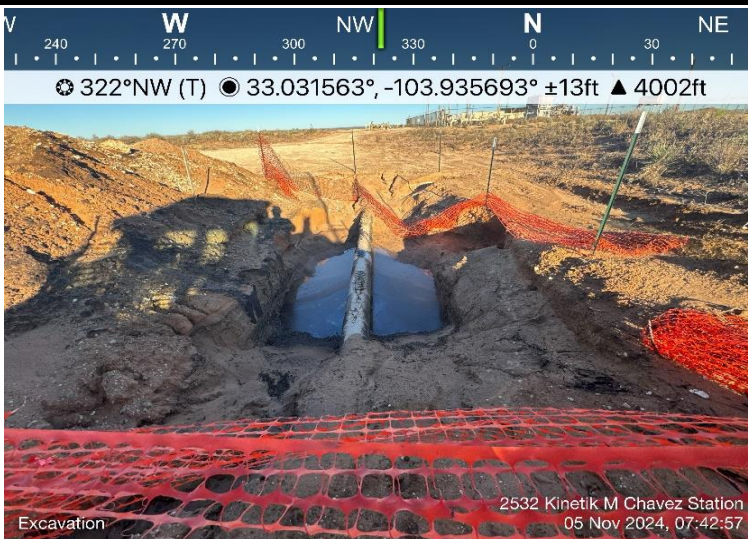
Photograph No. 1

Facility: M-Chaves Station 12"-DL-09162024

County: Chaves County, New Mexico

Description:

View Northwest, area of Sample Point 1.



Photograph No. 2

Facility: M-Chaves Station 12"-DL-09162024

County: Chaves County, New Mexico

Description:

View Northwest, area of Sample Point 2-3.



Photograph No. 3

Facility: M-Chaves Station 12"-DL-09162024

County: Chaves County, New Mexico

Description:

View Northwest, area of CS-1.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 384134

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384134
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	M-Chaves Station-12"-DL - 09/16/2024
Date Release Discovered	09/16/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 6 BBL Recovered: 4 BBL Lost: 2 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 139 Mcf Recovered: 0 Mcf Lost: 139 Mcf.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 384134

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384134
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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	Not answered.
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.	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 384134

ACKNOWLEDGMENTS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384134
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 384134

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384134
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
sorozco	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/17/2024



Gas Volume Blow-Down Report

Gas Blow-Down Volume Calculator		
Date:	9/16/2024	
Site or Line Name:	M-Chaves Station-12"-DL - 09/16/2024	
Inside Diameter of Pipe or Vessel:	12	inches
Length or Height of Pipe or Vessel:	79,182	feet
Physical Volume of Pipe or Vessel:	62,189.34	cubic feet
Number of Occurrences:	1	Default is 1 for one blow-down
Purge Factor:	0	1 if purged, 0 if not purged
Compressibility Factor for Natural Gas:	1	Default is 1
Temperature:	95	Degrees F
Absolute Pressure:	35	psia (Gauge Pressure + 14.7)
Representative Gas Analysis	Please attach or email a representative gas analysis	
Constants		
Temperature at standard conditions:	60	Deg. F
Pressure at standard conditions:	14.7	PSIA
Volume of Gas:	138.73	MSCF

Notes
Entered by user
Calculated Value
Constant



Liquid Volume Release Report

Liquid Release Volume Calculator							
Date:	9/16/2024						
Site or Line Name:	M-Chaves Station-12"-DL - 09/16/2024						
Soil Type	Porosity	Length	Width	Depth (.083 per inch)	Cubic Feet	Estimated Barrels	Soil Type
Clay	0.15				0	0.00	Clay
Sandy Clay	0.12				0	0.00	Sandy Clay
Silt	0.16				0	0.00	Silt
Fine Sand	0.16	50	10	0.415	207.5	5.92	Fine Sand
Medium Sand	0.25				0	0.00	Medium Sand
Coarse Sand	0.26				0	0.00	Coarse Sand
Gravely Sand	0.26				0	0.00	Gravely Sand
Fine Gravel	0.26				0	0.00	Fine Gravel
Medium Gravel	0.20				0	0.00	Medium Gravel
Coarse Gravel	0.18				0	0.00	Coarse Gravel
Sandstone	0.25				0	0.00	Sandstone
Siltstone	0.18				0	0.00	Siltstone
Limestone	0.13				0	0.00	Limestone
Basalt	0.19				0	0.00	Basalt
Standing Liquids	X	0	0	0	0	0.00	Standing Liquids

Choose the one prevailing ground type for estimating spill volumes at a single location. Standing liquids are figured separately using the green cell.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 384139

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384139
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426127476
Incident Name	NAPP2426127476 M-CHAVES STATION-12"-DL - 09/16/2024 @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Please answer all the questions in this group.	
Site Name	M-Chaves Station-12"-DL - 09/16/2024
Date Release Discovered	09/16/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 6 BBL Recovered: 4 BBL Lost: 2 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 139 MCF Recovered: 0 MCF Lost: 139 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 384139

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384139
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 09/17/2024
--	---

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 384139

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384139
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 384139

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 384139
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	9/17/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 398651

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 398651
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426127476
Incident Name	NAPP2426127476 M-CHAVES STATION-12"-DL - 09/16/2024 @ 0
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Site Name	M-Chaves Station-12"-DL - 09/16/2024
Date Release Discovered	09/16/2024
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	188
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Connor Moerhring 432-813-6823
Please provide any information necessary for navigation to sampling site	33.031645, -103.935759

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 398651

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 398651
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cfrost	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/4/2024

APPENDIX D

CARMONA RESOURCES

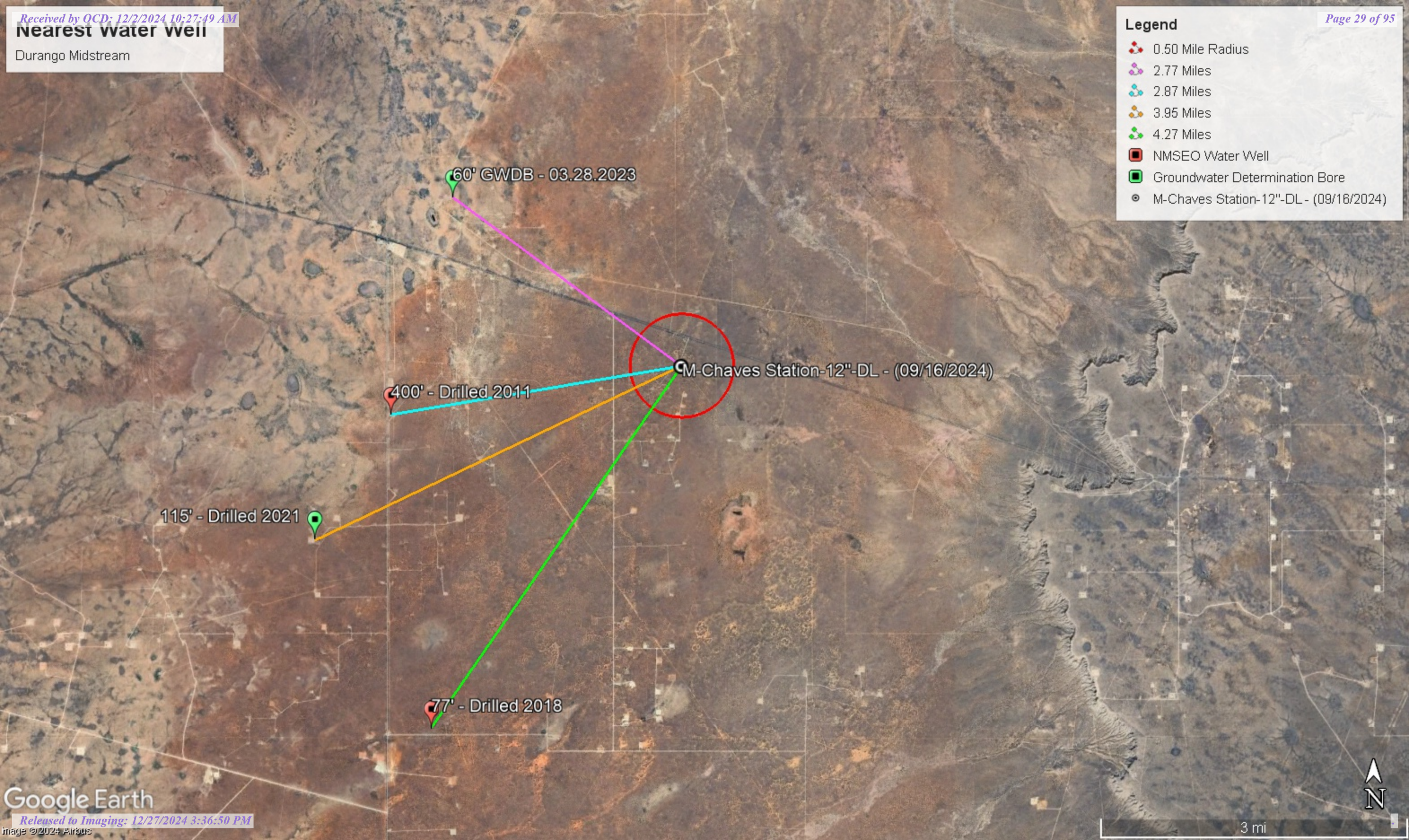


Nearest water well

Durango Midstream

Legend

- 0.50 Mile Radius
- 2.77 Miles
- 2.87 Miles
- 3.95 Miles
- 4.27 Miles
- NMSEO Water Well
- Groundwater Determination Bore
- M-Chaves Station-12"-DL - (09/16/2024)





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)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Well Map	Depth	Water	Water Column
RA 12316 POD1	O	RA	CH	NW	NE	SE	13	15S	30E	605324.7	3653477.7		260		
RA 12316 POD2	O	RA	CH	NW	NE	SE	13	15S	30E	605296.1	3653476.7		300	270	30

Average Depth to Water: 270 feet

Minimum Depth: 270 feet

Maximum Depth: 270 feet

Record Count: 2

PLSS Search:

Range: 30E

Township: 15S

* UTM location was derived from PLSS - see Help

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

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 744886
File Nbr: RA 13299

Mar. 24, 2023

PATRICK MESA
ENVIROTECH
5796 US HIGHWAY 64
FARMINGTON, NM 87401

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in cursive script that reads "Vanessa Clements".

Vanessa Clements
(575) 622-6521

Enclosure

explore

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 744886
File Nbr: RA 13299

Mar. 24, 2023

ASHLEY MAXWELL
NM OIL CONSERVATION DISTRICT
1220 S. ST. FRANCIS DR
SANTA FE, NM 87505

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in cursive script that reads "Vanessa Clements".

Vanessa Clements
(575) 622-6521

Enclosure

explore

File No. **RA-13299**

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

- Purpose:
- | | | |
|---|--|--|
| <input type="checkbox"/> Exploratory Well*(Pump test) | <input type="checkbox"/> Pollution Control And/Or Recovery | <input type="checkbox"/> Ground Source Heat Pump |
| <input type="checkbox"/> Monitoring Well | <input type="checkbox"/> Construction Site/Public Works Dewatering | <input checked="" type="checkbox"/> Other(Describe): Exploratory Dry Soil Boring |
| | <input type="checkbox"/> Mine Dewatering | |

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

*New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

☒ Temporary Request - Requested Start Date: March 27, 2023

Requested End Date: April 27, 2023

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: New Mexico Oil Conservation District	Name: Envirotech
Contact or Agent: check here if Agent <input type="checkbox"/> Ashley Maxwell	Contact or Agent: check here if Agent <input checked="" type="checkbox"/> Patrick Mesa
Mailing Address: 1220 S. St. Francis Drive	Mailing Address: 5796 US Highway 64
City: Santa Fe	City: Farmington
State: New Mexico Zip Code: 87505	State: New Mexico Zip Code: 87401
Phone: 505-476-3441 <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):	Phone: 505-947-9179 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):
E-mail (optional): Ashley.Maxwell@emnrd.nm.gov	E-mail (optional): pmesa@envirotech-inc.com

OSE DTI MAR 16 2023 PM 1:24

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 07/12/22

File No.: RA-13299	Trn. No.: 744886	Receipt No.: 2-45571
Trans Description (optional): MON		
Sub-Basin: RA	PCW/LOG Due Date: 3-24-2024	

Page 1 of 3

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.			
<input type="checkbox"/> NM State Plane (NAD83) (Feet) <input type="checkbox"/> NM West Zone <input type="checkbox"/> NM East Zone <input type="checkbox"/> NM Central Zone		<input type="checkbox"/> UTM (NAD83) (Meters) <input type="checkbox"/> Zone 12N <input type="checkbox"/> Zone 13N	
<input checked="" type="checkbox"/> Lat/Long (WGS84) (to the nearest 1/10 th of second)			
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
BH-01	-103.974390	33.055510	T14S R29E S36
BH-02	-103.982178	33.090127	T14S R29E S36
Bh-03	-103.980522	33.071304	T14S R29E S36
NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Other description relating well to common landmarks, streets, or other:			
The soil boring will be drilled outside the Double L Queen Tank Battery. The soil boring will be utilized to vertically delineate contamination in the subsurface.			
Well is on land owned by: Bogle Farms Ltd			
Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Approximate depth of well (feet): 51		Outside diameter of well casing (inches):	
Driller Name: HRL Compliance Solutions, Inc		Driller License Number: 1851	

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Soil borings are expected to be dry and will not be completed into monitoring wells. Depth to groundwater is expected to be 60 ft below ground surface at the location. Drilling will be performed in order to delineate the vertical extent of subsurface contamination, and proof of no ground water.

USE ON MAR 16 2023 PM 1:24

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.:

RA-13299

Trm No.:

744886

Page 2 of 3

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of the requested pump test if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of. Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
--	--	---	---

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Patrick Mesa

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 24th day of March 20 23, for the State Engineer,

Mike A. Hamman P.E.

State Engineer

OSE DTI MAR 16 2023 PM 1:24

By: K. Parekh
Signature

Print

Kashyap Parekh

Title: Water Resources Manager I
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.:

RA-13299

Trm No.:

744886

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 13299 POD1-3

File Number: RA 13299

Trn Number: 744886

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: RA 13299 POD1-3

File Number: RA 13299

Trn Number: 744886

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- LOG The Point of Diversion RA 13299 POD1 must be completed and the Well Log filed on or before 03/23/2024.
- LOG The Point of Diversion RA 13299 POD2 must be completed and the Well Log filed on or before 03/23/2024.
- LOG The Point of Diversion RA 13299 POD3 must be completed and the Well Log filed on or before 03/23/2024.

IT IS THE PERMITEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 03/16/2023	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 24 day of Mar A.D., 2023

Mike A. Hamman, P.E. _____, State Engineer

By: K. P. Parekh
KASHYAP PAREKH

Trn Desc: RA 13299 POD1-3

File Number: RA 13299

Trn Number: 744886

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: 2-45571 DATE: 3-16-23 FILE NO.: New

TOTAL: 15.00 RECEIVED: fifteen DOLLARS CHECK NO.: 110284 CASH:

PAYOR: Envirotech, Inc ADDRESS: State U.S. Highway 164 CITY: Farmington STATE: NM

ZIP: 87401 RECEIVED BY: VC

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. Original to payor; pink copy to Program Support/ASD; and yellow copy for Water Rights. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of your daily deposit.

A. Ground Water Filing Fees

1. Change of Ownership of Water Right	\$ 2.00
2. Application to Appropriate or Supplement Domestic 72-12-1 Well	\$ 125.00
3. Application to Repair or Deepen 72-12-1 Well	\$ 75.00
4. Application for Replacement 72-12-1 Well	\$ 75.00
5. Application to Change Purpose of Use 72-12-1 Well	\$ 75.00
6. Application for Stock Well/Temp. Use	\$ 5.00
7. Application to Appropriate Irrigation, Municipal, or Commercial Use	\$ 25.00
8. Declaration of Water Right	\$ 1.00
9. Application for Additional Point of Diversion Non 72-12-1 Per Well	\$ 25.00
10. Application to Change Place or Purpose of Use Non 72-12-1 Well	\$ 25.00
11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	\$ 50.00
12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	\$ 50.00
13. Application to Change Point of Diversion of Non 72-12-1 Well	\$ 25.00
14. Application to Repair or Deepen Non 72-12-1 Well	\$ 5.00

B. Surface Water Filing Fees

1. Change of Ownership of a Water Right	\$ 5.00
2. Declaration of Water Right	\$ 10.00
3. Amended Declaration	\$ 25.00
4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	\$ 200.00
5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	\$ 200.00
6. Application to Change Point of Diversion	\$ 100.00
7. Application to Change Place and/or Purpose of Use	\$ 100.00
8. Application to Appropriate	\$ 25.00
9. Notice of Intent to Appropriate	\$ 25.00
10. Application for Extension of Time	\$ 50.00
11. Supplemental Well to a Surface Right	\$ 100.00
12. Return Flow Credit	\$ 100.00
13. Proof of Completion of Works	\$ 25.00
14. Proof of Application of Water to Beneficial Use	\$ 25.00
15. Water Development Plan	\$ 100.00
16. Declaration of Livestock Water Impoundment	\$ 10.00
17. Application for Livestock Water Impoundment	\$ 10.00

C. Well Driller Fees

1. Application for Well Driller's License	\$ 50.00
2. Application for Renewal of Well Driller's License	\$ 50.00
3. Application to Amend Well Driller's License	\$ 50.00

D. Reproduction of Documents

@ 0.25¢	\$
Map(s) @ \$3.00	\$

E. Certification

	\$
	\$

F. Other

	\$
	\$

G. Comments:

Mail

3	15. Application for Test, Expl. Observ. Well	\$ 5.00
	16. Application for Extension of Time	\$ 25.00
	17. Proof of Application to Beneficial Use	\$ 25.00
	18. Notice of Intent to Appropriate	\$ 25.00

All fees are non-refundable.

File No.



NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL
WITH NO CONSUMPTIVE USE OF WATER



(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

2-30306 AS

<input type="checkbox"/> Exploratory	<input type="checkbox"/> De-Watering	<input type="checkbox"/> Geo-Thermal
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Pollution Control And / Or Recovery	
<input type="checkbox"/> Temporary Request - Requested Start Date:		Requested End Date:

1. APPLICANT(S)

Name: Darrell Crass Drilling	Name: Frontier Energy Service
Contact or Agent: Dana Crass <input checked="" type="checkbox"/> check here if Agent	Contact or Agent: Joe Gallo <input checked="" type="checkbox"/> check here if Agent
Mailing Address: PO Box 60031	Mailing Address: PO Box 7
City: MIDLAND	City: Maljamar
State: TX Zip Code: 79711	State: NM Zip Code: 88264
Phone: 432-561-8703 <input type="checkbox"/> Home <input type="checkbox"/> Cell	Phone: 432-230-6955 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell
Phone (Work):	Phone (Work):
E-mail: dara@darrellcrassdrilling.com	E-mail: masgallex@sbcglobal.net

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
AUG 26 9M 10 15

FOR OSE INTERNAL USE		Application for Permit, Form wr-07, Rev 5/11/11	
File Number: RA-11765	Trm Number: 484556		
Trans Description (optional):			
Sub-Basin:			
PCW/LOG Due Date: 9-30-12		PBU Due Date:	

Describe the well applicable to this application.

2. WELL
NOTE: If more than one (1) well, complete Attachment 1

OSE Well No. (if existing):				
Location (Required): Coordinate location must be New Mexico State Plane (NAD 83), UTM (NAD 83), or Lat/Long (WGS84)				
NM State Plane (NAD83) - In feet	NM West Zone <input type="checkbox"/>		X (in feet):	
	NM Central Zone <input type="checkbox"/>		Y (in feet):	
	NM East Zone <input type="checkbox"/>			
UTM (NAD83) - In meters	UTM Zone 13N <input type="checkbox"/>		Easting (in meters):	
	UTM Zone 12N <input type="checkbox"/>		Northing (in meters):	
Lat/Long (WGS84) - To 1/10 th of second	Latitude:	33 deg	01 min	29.80 sec
	Longitude:	103 deg	59 min	05.11 sec
Land Grant (if applicable):				
Well is on Land Owned by (required): BLM Management				
Other Location Information (complete the below, if applicable):				
PLSS Quarters or Halves:		Section:	Township:	Range: County:
S/W Quarter		12	Maljamar	29 Chavez
Lot No:	Block No:	Unit/Tract:	Subdivision:	
Hydrographic Survey:		Map:	Tract: T515 South	
Other description relating well to common landmarks, streets, or other: East side of C2 217 approx. 185' on east side, Old Chavez Compressor Station				
Well Information:				
Approximate depth of well (feet): 400'		Outside Diameter of Well Casing (inches): 10		
Driller Name: Gustavo Ortega		Driller License Number: WD-1261		
Additional well descriptions are attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many 3				

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

This is a Cathodic Protection groundbed. This well will not be used for water or anything else. It is just to protect the pipeline.

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2011 AUG 26 9:11 10 15

SPECIFIC REQUIREMENTS

The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

Exploratory: <input type="checkbox"/> include a description of any proposed pump test, if applicable.	Monitoring: <input checked="" type="checkbox"/> include the reason for the monitoring well, and, <input type="checkbox"/> the duration of the planned monitoring.	Pollution Control And / Or Recovery: <input type="checkbox"/> include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> a description of the need for the pollution control or recovery operation. <input type="checkbox"/> the estimated maximum period of time for completion of the operation. <input type="checkbox"/> the annual diversion amount. <input type="checkbox"/> the annual consumptive use amount. <input type="checkbox"/> the maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> the method and place of discharge. <input type="checkbox"/> the method of measurement of water produced and discharged. <input type="checkbox"/> the source of water to be injected. <input type="checkbox"/> the method of measurement of water injected. <input type="checkbox"/> the characteristics of the aquifer. <input type="checkbox"/> the method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> an access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	De-Watering: <input type="checkbox"/> include a description of the proposed dewatering operation, <input type="checkbox"/> the estimated duration of the operation, <input type="checkbox"/> the maximum amount of water to be diverted, <input type="checkbox"/> a description of the need for the dewatering operation, and, <input type="checkbox"/> a description of how the diverted water will be disposed of.	Geo-Thermal: <input type="checkbox"/> include a description of the geothermal heat exchange project, <input type="checkbox"/> the amount of water to be diverted and re-injected for the project, <input type="checkbox"/> the time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> the duration of the project. <input type="checkbox"/> preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.
---	---	--	--	---

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Darrell Crass Drilling
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Darrell Crass
Applicant Signature

Applicant Signature

STATE ENGINEER OFFICE
ROSSELL, NEW MEXICO
2011 AUG 26 AM 10 11

ACTION OF THE STATE ENGINEER

This application is (check one):

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval (please see attachment).

Witness my hand and seal this 4th day of October 20 11, for the State Engineer,

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

By: Andy Morley
Signature

Print

Title: Andy Morley, District II Staff Manager
Print

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: RA-11745 Trm Number: 484556

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO MONITOR

SPECIFIC CONDITIONS OF APPROVAL

- 1A Depth of the well shall not exceed the thickness of the valley fill.
 - 4 No water shall be appropriated and beneficially used under this permit.
 - 6 The well shall be plugged upon completion of the permitted use, and a plugging report shall be filed with the State Engineer within 10 days.
 - 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
 - B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated.
 - C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
 - C2 No water shall be diverted from this well except for testing purposes which shall not exceed twenty (20) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
 - LOG The Point of Diversion RA 11765 POD1 must be completed and the Well Log filed on or before 09/30/2012.
- The well shall be constructed, maintained and operated that each water shall be confined to the aquifer in which it is encountered. Should the permittee change the purpose of use to other than monitoring purposes, an application shall be aquired from the Office of the State Engineer.

Trn Desc: RA 11765

File Number: RA 11765
Trn Number: 484556

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO MONITOR

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 09/12/2011 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

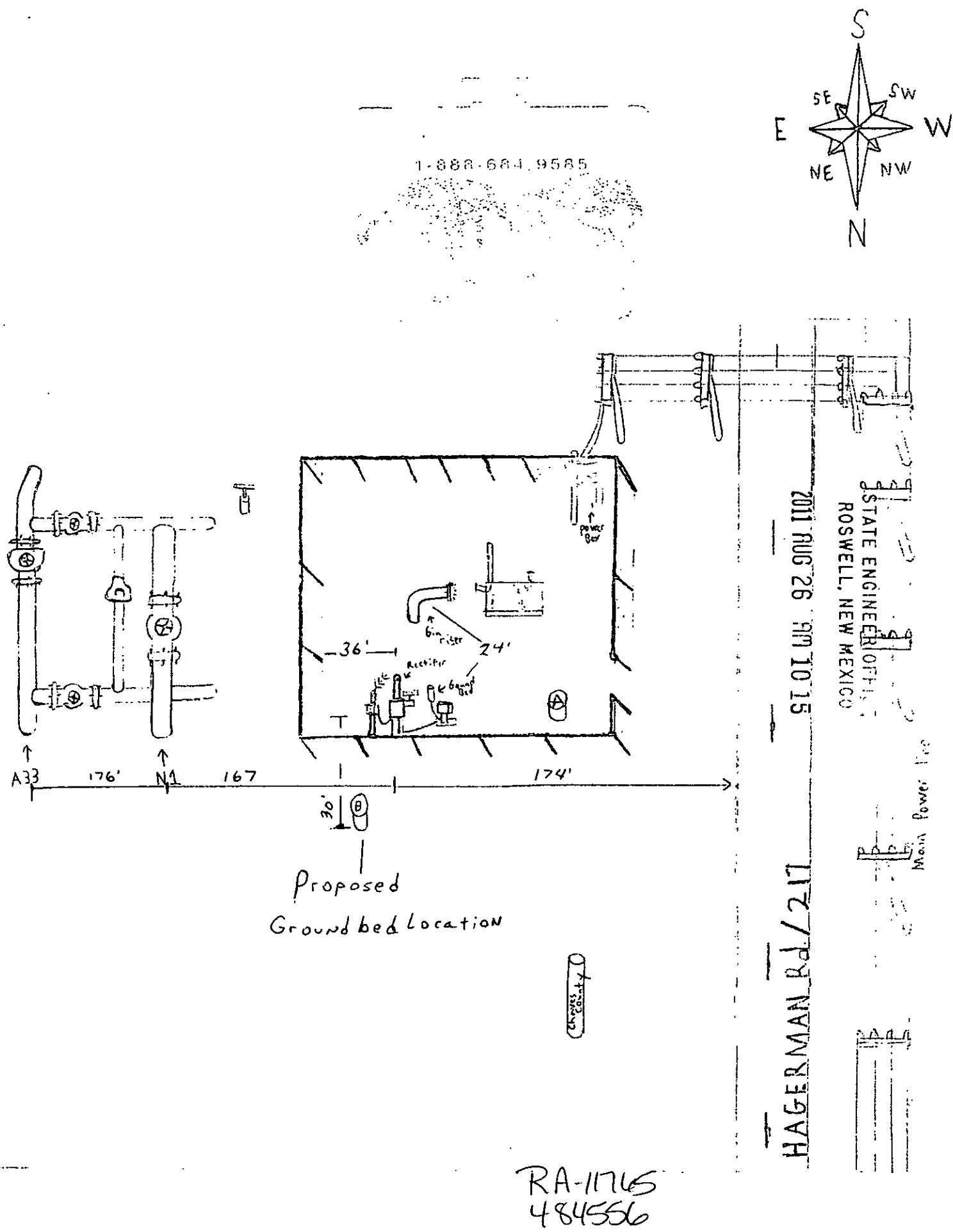
Witness my hand and seal this 4th day of October A.D., 2011

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

By: Andy Morley
Andy Morley

Trn Desc: RA 11765

File Number: RA 11765
Trn Number: 484556



Old Chavez Compressor Station

6 in riser in Fence to Old Gound Bed 24 Ft.
6 in riser in Fence to Optional ground Bed "A" 64 ft.
A33 to Rectifier 176 Ft
N1 to Rectifier 167 Ft
Rectifier to East side Fence 36 Ft.
Rectifier to power box 101 Ft.
ground Bed to power box 88 Ft
Rectifier to power lines on Southwest corner 113 Ft.
Rectifier to Road 217 is 174 Ft.
ground Bed to Road 217 is 165 Ft.
Main Power lines to Rectifier is 264 Ft.
old ground Bed to Optional ground Bed "A" 70 Ft.
old ground Bed to optional ground Bed "B" 30 Ft.
A33 and N1 6in line tie in to 12in chavez lines.

Loco Hills New Mex.

Turn right at the intersection of Highway 89
and county road 217 Eddy county also known as
Hogerman Cut off Rd. go 12.5 miles North
Then the old compressor station is right (East) about
185 Ft. From road 217.

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2011 AUG 26 5 10 15 PM

N 33° 1.4965'

W 103° 59.0851'

Elevation 3920 Feet.

Legal Location Chavez County

Town ship is 15 south, Range 29 East, Southwest
Quarter Section 12

RA-11765
484556

Groundbed Design and Request Worksheet

CONTACT INFORMATION

COMPANY: Frontier Energy Service
BILLING ADDRESS: P.O Box 7
CITY, STATE, ZIP: Maljamar, NM 88264
DEPARTMENT: Pipeline

CONTACT: Joe Gallo
OFFICE # 432-332-9348
CELL # 432-230-6955
FAX # 432-332-9348
Masgalex@sbcgloal.net

Project / AFE Number MA 1049
THCR 2 Maljamar Old Chavez Compressor Staion
CPS # Pipeline District Line Name and Number Milepost
T S 15 South, Range 29, Sec. 12, S/W quarter Chavez NM N 33 1.4965 W 103 59.0851
Legal Location County State GPS Lat GPS Long

Required Installation Date:

Type of Groundbed: Deep X Conventional Distributive 30 amps
Current Requirements

Casing Diameter 10" (PVC cemented in place)
Casing Depth 20' (subject to TNRCC approval)
Hole Diameter 10
Hole Depth 400
Vent Pipe 260' (1" PVC)
Perforated Vent 200' (1" PVC All Vent)
No. Anodes 20 10' centers
Pit Requirement No
Rectifier Manufacturer Cathodic Rectifier
Model ACP
Capacity 50 50 240 1
DCV DCA AC phase
Anode Type 4"x80" Graphite
Anode Cable #6 HMWPE
Pos-Neg Cable #2 HMWPE
Backfill Material Loresco SC 2 coke breeze
Positive Junction Box No space w/JB shunts
Guardrail No
Cement Pad No
Hole Completion gravel to casing
Power Company ?
New Meter Loop Yes by Frontier
Service Pole Yes by Frontier
Negative Junction Box N/A

Drawing

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2011 AUG 26 AM 10 15
RA-11765
484556
See Attached Drawing

Driving Directions
Loco Hills, NM, From the intersection of Hwy 82 and CR 217, go north on CR 217 (Hangerman Rd. Cut Off) approx. 12.5 miles. Job site is on the east side of CR 217 approx. 185 on the east side, Old Chavez Compressor Station.

Joe Gallo

Technician Signature

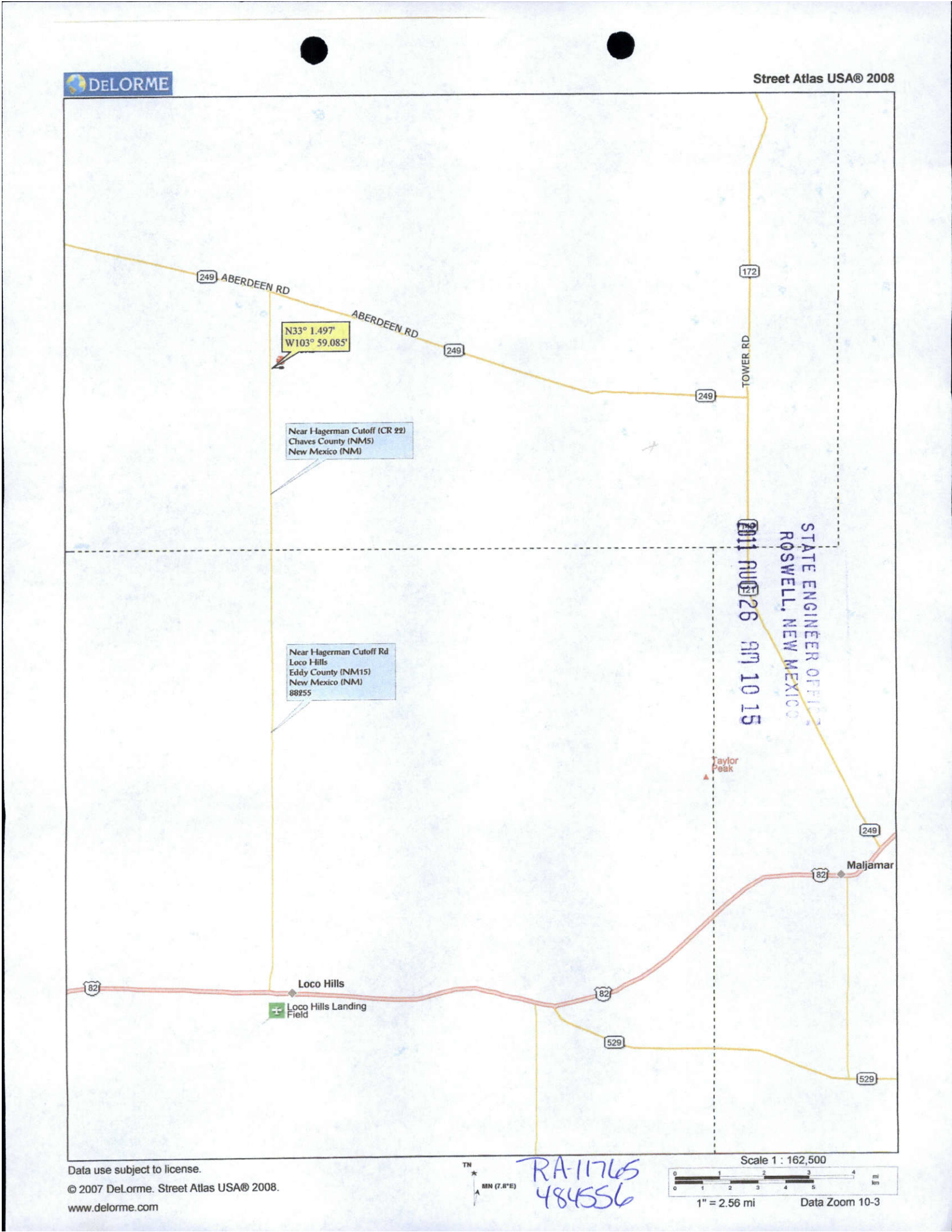
May 30, 2011

Date

Additional Comments:
Work will not proceed until all permits and One Call are obtained. Contractor will also file completion report when all work is completed. Contractor will supply all permits, materials and labor necessary to install a 400' deep well ground bed as specified above. Groudbed leads & vent pipe will be ordered to reach inside chain link fence. Positive j-box will be galvanized. J-Box will sit 32" high.

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2011 AUG 26 PM 10 15

RA-11746
484556



Locator Tool Report

General Information:

Application ID:29 Date: 09-13-2011 Time: 08:25:18

WR File Number: RA
Purpose: OTHER

Applicant First Name: DARREL
Applicant Last Name: CRASS DRILLING

GW Basin: ROSWELL ARTESIAN
County: CHAVES

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

NE 1/4 of SW 1/4 of SE 1/4 of SW 1/4 of Section 12, Township 15S, Range 29E.

Coordinate System Details:

Geographic Coordinates:

Latitude: 33 Degrees 1 Minutes 29.8 Seconds N
Longitude: 103 Degrees 59 Minutes 5.1 Seconds W

Universal Transverse Mercator Zone: 13N

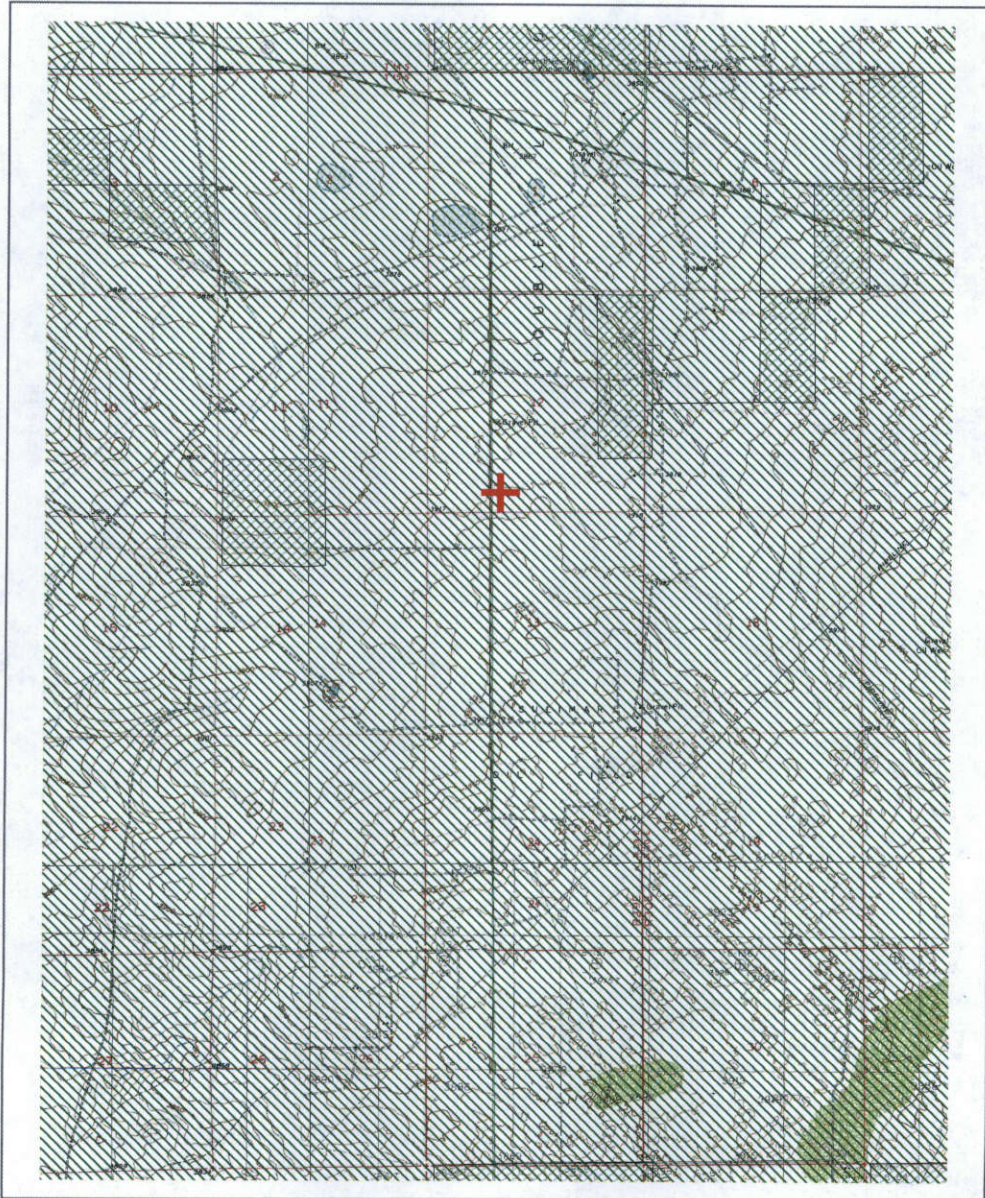
NAD 1983(92) (Meters)	N: 3,654,510	E: 594,816
NAD 1983(92) (Survey Feet)	N: 11,989,839	E: 1,951,491
NAD 1927 (Meters)	N: 3,654,307	E: 594,866
NAD 1927 (Survey Feet)	N: 11,989,172	E: 1,951,655

State Plane Coordinate System Zone: New Mexico East

NAD 1983(92) (Meters)	N: 224,574	E: 197,564
NAD 1983(92) (Survey Feet)	N: 736,789	E: 648,175
NAD 1927 (Meters)	N: 224,554	E: 185,013
NAD 1927 (Survey Feet)	N: 736,725	E: 606,996

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: RA Scale: 1:55,907
Northing/Easting: UTM83(92) (Meter): N: 3,654,510 E: 594,816
Northing/Easting: SPCS83(92) (Feet): N: 736,789 E: 648,175
GW Basin: Roswell Artesian

RA-11765
484556

Oct-03-11 02:11pm From-United States Dept of Interior BLM Ros 575 627 0076 T-956 P.002/004 F-063



United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Pecos District
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201-2019
www.blm.gov



OCT 03 2011

In reply refer to:
NM 29454
2800 NM(P0130)

CERTIFIED MAIL RECEIPT:
Delivered By Fax

Frontier Field Services
P.O. Box 7
Maljamar, NM 88264

Dear Mr. Calderon:

By letter dated September 9, 2011, requesting approval of your maintenance plans for Right-of-Way NM-29454 (pumping plant facility) located in:

T. 15 S., R. 29 E., NMPM, Chaves County, New Mexico
Section 12: SE $\frac{1}{4}$ SW $\frac{1}{4}$.

The work will entail installing a new ground bed and replace wire which was pulled out of the hole in ground bed due to vandalism. All work will be entirely done within the existing 50 ft. x 50 ft. right-of-way boundary as stated in your letter. The work being done is maintenance in nature and is required to preserve the ongoing safety and integrity of the pumping plant facility.

The facility described in your request would be wholly located within the authorized right-of-way boundary.

In an attempt to process your request in a more efficient (for us) and expeditious (for you) method, this letter will serve as your approval of maintenance activities described in your letter.

The approval is subject to the following restrictions.

1. All activities as described in your letter dated September 9, 2011.
2. All activities will be limited to the authorized 50 ft. x 50 ft. wide boundary of right-of-way NM- 29454.
3. This activity will be limited to locations where access is provided by existing roads. It would not apply in situations where the only access is by the right-of-way. In situations where the only access is by the right-of-way, we reserve the right to require a formal amendment of the right-of-way.


0002/000

RA-11765
484556

10/03/2011 MON 15:02 FAX 5756762401

Oct-03-11 02:11pm From-United States Dept of Interior BLM Ros 575 627 0237 T-956 P.003/004 F-063

Remember that we do wish to continue to be notified of your plans to construct maintenance on your pipelines and facilities. Upon review of each request we will determine if an approval letter or an amendment will be required. If you have any questions or comments, please contact Ruben Sanchez, Realty Specialist, at (575) 627-0237.

Sincerely,

Angel Mayes
Assistant Field Manager
Lands and Minerals

RA-11765
484556

0003/003

10/03/2011 MON 15:02 FAX 5756762401

Oct-03-11 02:11pm From-United States Dept of Interior BLM Ros 575 627 8876 T-856 P.004/004 F-063

Joe Calderon
Pipeline Foreman
P.O.Box 7 1001 Conoco Road
Maljamar, NM 88264

Frontier Field Services

September 7, 2011

Angel Mayes
Assistant Field Manager
Land and Minerals
U.S. Department of Interior
Bureau of Land Management
Pecos District
Rowell Field Office 2909 West Second Street
Roswell, New Mexico 88201-2019

Dear Angel Mayes:


As per our phone conversation, I am writing in reference to BLM right-of-way grant NM29454, held by Frontier Field Services. The rectifier site's electrical wiring and deep well was recently vandalized. I am writing to notify BLM of this issue due to the fact a new ground bed will need to be drilled to replace the wire which was pulled out of the hole in the ground bed.

If at all possible, Frontier Field Services would like to have a written agreement that BLM has accepted our request to drill a new ground bed. I would also like to reassure you no disturbance is required for the new ground bed, and Frontier Field Services will continue to work within the parameters of the right-of-way.

If you should have any further questions on this matter please feel free to contact me via phone at 575-361-0148 or via email at jcalderon@frontierfieldservices.com.

Thank you for your assistance in this matter and look forward to your timely response.

Sincerely,


Joe Calderon
Pipeline Foreman

Post-it® Fax Note	7671	Date	10-3-11	# of pages	3
To	Yolanda Mendola		From	Joe Calderon	
Co./Dept	State of New Mexico		Co.	Frontier Field Services	
Phone #			Phone #	575-361-0148	
Fax #	575-623-8559		Fax #	575-676-2401	

RA-11745
484556

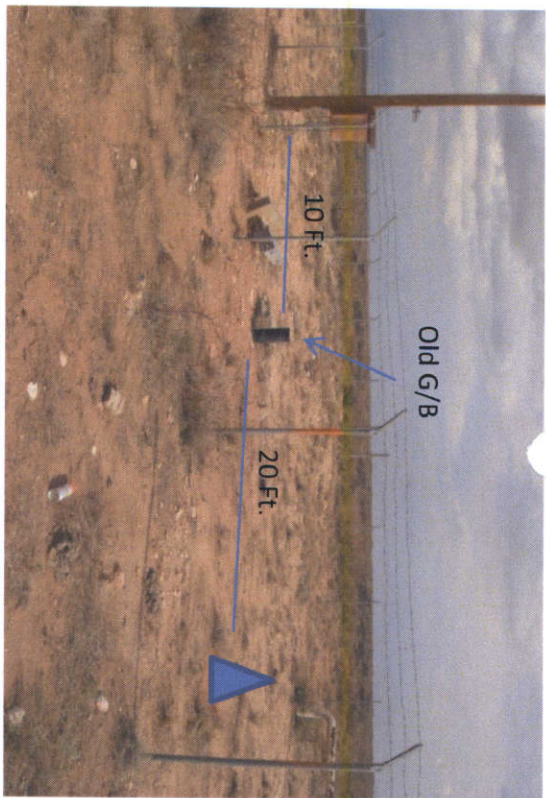
E00/1002

10/03/2011 MON 15:01 FAX 5756762401

OVERSIZED MAP
PLACEHOLDER SHEET

Number of Maps: 1
Date of Map(s): 8-26-11
Other Information: RA-11765

OSE personnel use this sheet as a placeholder to mark the location of an oversized map within a transaction packet. Oversized maps cannot be imaged among letter and legal sized paper; therefore, a separate map event has been created.



GPS N 33.02488
W 103.98491

New G/B

RA-117165
484556

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: 484556
File Nbr: RA 11765

Oct. 04, 2011

JOE GALLO
FRONTIER ENERGY SERVICE
PO BOX 7
MALJAMAR, NM 88264

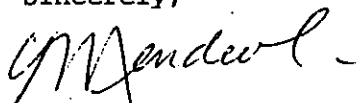
Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 09/30/2012, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 09/30/2012.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us or will be mailed upon request.

Sincerely,


Yolanda Mendiola
(575) 622-6521

Enclosure

explore

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:40 MST Finish: 12:27 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS	
					PPM X _____										NUMBER	PID READING	RECOVERY DEPTH	BACKGROUND PID READING	
					2	4	6	8	10	12	14	16	18						
Lithology Remains Consistent	0	Sand, 2.5YR 3/6 Dark Brown, Fine to Very Fine Grained Sand, Rounded to Sub Rounded, Well Sorted 7.5YR 7/4 Pink, Fine to Medium Grained Sand, Sub Rounded to Sub Angular, Moderately Sorted 7.5YR 5/3 Brown, Fine Grained Sand, Well Sorted, Sub Rounded to Rounded at 14' Increased to Very Fine Grained Sand and Very Well Sorted 2.5YR 5/4 Reddish Brown, Very Fine to Fine Grained Sand, Well Sorted, Well Rounded to Rounded	SW												1		1	10:40	
														2		5	10:43		
														3		10	10:47		
														4		15	10:50		
														5		20	10:56		
														6		25	11:03		
														7		30	11:05		
														8		35	11:07		
											9		40	11:10					
	45	2.5YR Reddish Brown	SW												10		45	11:19	
																11		50	11:21
	50																		
55	2.5 YR 5/6 Red														12		55	11:25	



ONE CONTINUOUS AUGER SAMPLER



WATER TABLE (TIME OF BORING)



STANDARD PENETRATION TEST



LABORATORY TEST LOCATION



UNDISTURBED SAMPLE



PENETROMETER (TONS/ SQ. FT)



WATER TABLE (24 HRS)




NR NO RECOVERY

JOB NUMBER : Select Energy/ 21-0105-04HOLE DIAMETER : 5"LOCATION : Mack PW ReleaseLAI GEOLOGIST : T. Jackson & M. BakerDRILLING CONTRACTOR : SDIDRILLING METHOD : Air Rotary

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:40 MST Finish: 12:27 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE		REMARKS		
					PPM X _____										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING
					2	4	6	8	10	12	14	16	18						
	60														13		60	11:26	
	65														14		65	11:32	
	70		SW												15		70	11:36	
	75														16		75	11:43	
	80														17		80	11:46	
	85														18		85	11:52	
	90														19		90	12:01	
	95	Sand, 2.5YR 6/3 Light Reddish Brown, Very Fine to Fine Grained Sand, Rounded to Sub Rounded, Well Sorted													20		95	12:05	
	100	2.5YR 5/4 Reddish Brown, Fine to Medium Grained Sand, Sub Rounded to Sub Angular, Moderately Sorted													21		100	12:12	
	105	2.5YR 5/6 Red, Very Fine to Fine Grained Sand, Rounded to Sub Rounded, Well Sorted	SW												22		105	12:20	
	110	At 109' 5/3 Reddish Brown													23		110	12:23	
	115	TD : 115' Dry After 72 Hours													24		115	12:27	

<input type="checkbox"/> ONE CONTINUOUS AUGER SAMPLER	<input type="checkbox"/> WATER TABLE (TIME OF BORING)	JOB NUMBER : <u>Select Energy/ 21-0105-04</u> HOLE DIAMETER : <u>5"</u> LOCATION : <u>Mack PW Release</u> LAI GEOLOGIST : <u>T. Jackson & M. Baker</u> DRILLING CONTRACTOR : <u>SDI</u> DRILLING METHOD : <u>Air Rotary</u>
<input type="checkbox"/> STANDARD PENETRATION TEST	<input type="checkbox"/> LABORATORY TEST LOCATION	
<input type="checkbox"/> UNDISTURBED SAMPLE	<input type="checkbox"/> PENETROMETER (TONS/ SQ. FT)	
<input type="checkbox"/> WATER TABLE (24 HRS)	<input type="checkbox"/> NO RECOVERY	

	DRILL DATE : <u>10/06/2021</u>	BORING NUMBER : <u>BH-1</u>
--	--------------------------------	-----------------------------



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20765	L 14514 POD1	2	2	1	32	15S	36E	595494	3649622

Driller License: 1611

Driller Company: GOERTZEN DRILLING

Driller Name: JOHN GOERTZEN

Drill Start Date: 08/09/2018

Drill Finish Date: 08/10/2018

Plug Date:

Log File Date: 08/17/2018

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 5.00

Depth Well: 208 feet

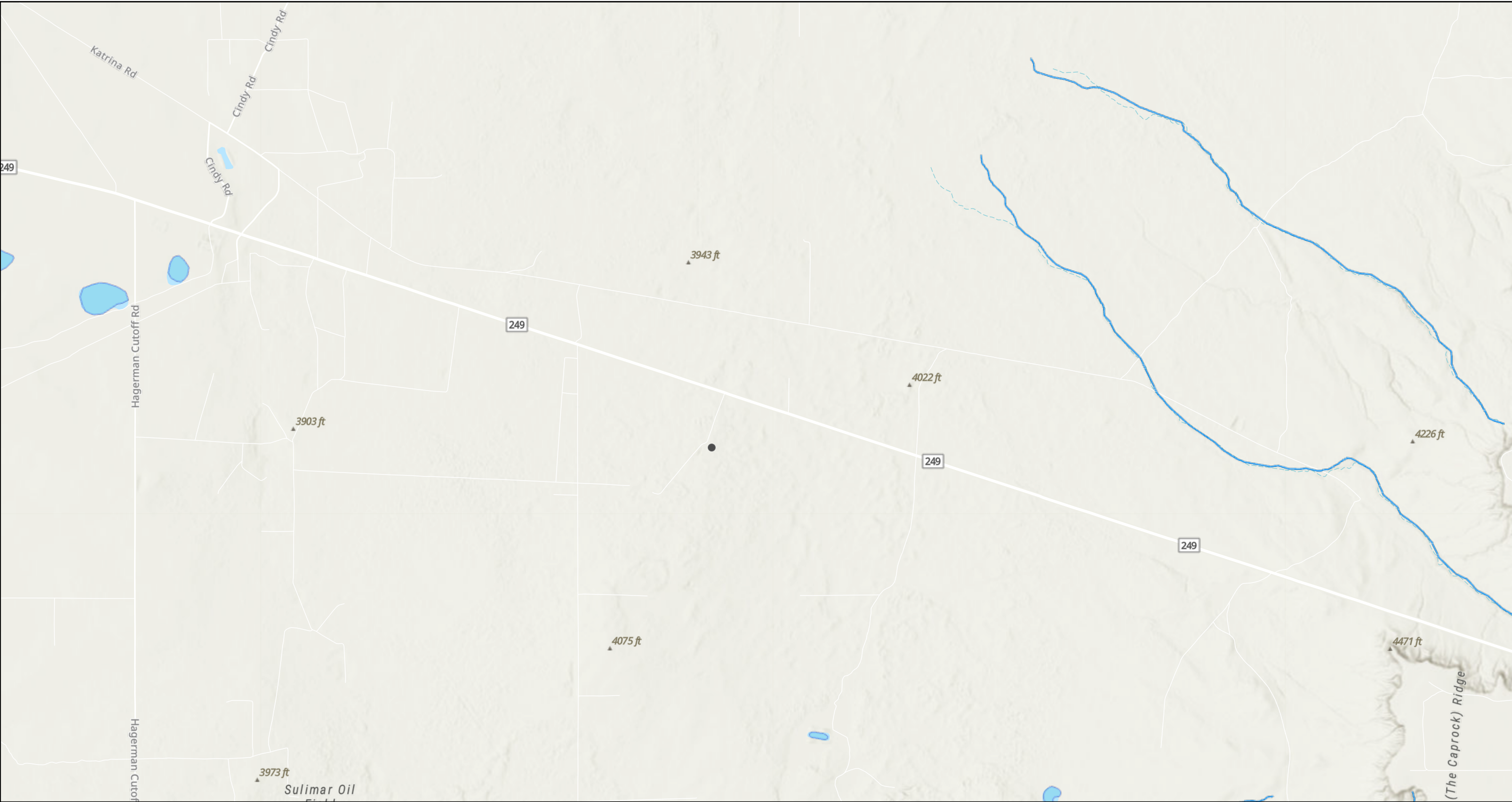
Depth Water: 77 feet

Water Bearing Stratifications:	Top	Bottom	Description
	104	125	Sandstone/Gravel/Conglomerate
	125	150	Sandstone/Gravel/Conglomerate
	150	160	Sandstone/Gravel/Conglomerate
	162	175	Other/Unknown
	175	185	Sandstone/Gravel/Conglomerate
	185	202	Sandstone/Gravel/Conglomerate
	202	205	Other/Unknown
205	208	Other/Unknown	

Casing Perforations:	Top	Bottom
	0	208

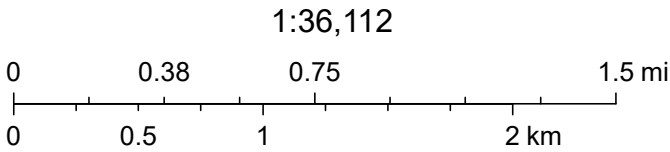
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

M-Chaves Station-12"-DL - (09/16/2024)



9/22/2024, 5:47:27 PM

- OSW Water Bodys
- OSE Streams



Esri, NASA, NGA, USGS, FEMA, NM OSE, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 03, 2024

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: M-CHAVEZ STATION - 12"-DL - 09162024

Enclosed are the results of analyses for samples received by the laboratory on 10/02/24 12:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 1 (0-1') (H245982-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	131	5.00	10/03/2024	ND	2.00	100	2.00	5.63	
Toluene*	722	5.00	10/03/2024	ND	2.08	104	2.00	5.02	
Ethylbenzene*	578	5.00	10/03/2024	ND	2.11	105	2.00	5.05	
Total Xylenes*	544	15.0	10/03/2024	ND	6.40	107	6.00	4.75	
Total BTEX	1980	30.0	10/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/03/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	21900	100	10/03/2024	ND	185	92.7	200	1.99		
DRO >C10-C28*	67400	100	10/03/2024	ND	175	87.3	200	1.99		
EXT DRO >C28-C36	12400	100	10/03/2024	ND						

Surrogate: 1-Chlorooctane 3210 % 48.2-134

Surrogate: 1-Chlorooctadecane 1670 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 2 (0-1') (H245982-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63		
Toluene*	0.061	0.050	10/02/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	185	92.7	200	1.99		
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	175	87.3	200	1.99		
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND						

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 2 (1.5') (H245982-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63	
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75	
Total BTEX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 2 (2') (H245982-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63		
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 3 (0-1') (H245982-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63		
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 3 (1.5') (H245982-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63		
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/03/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: S - 3 (2') (H245982-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2024	ND	2.00	100	2.00	5.63		
Toluene*	<0.050	0.050	10/03/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/03/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/03/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 4245982

Page 1 of 1

Project Manager:	Clinton Merritt	Bill to: (if different)	Sebastian Orozco
Company Name:	Carmona Resources	Company Name:	Kinetic Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	sorozco@kinetik.com
Project Name:	M-Chaves Station-12"-DL - 09162024	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush
Project Number:	2532	Due Date:	24 hrs
Project Location:	Chavez County, New Mexico	Pres. Code	
Sampler's Name:	CM	Parameters	
PO #:			

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Sample Identification				Parameters				ANALYSIS REQUEST												Preservative Codes			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																	
S-1 (0-1')	10/2/2024		X		Grab/	1	X	X	X											None: NO	DI Water: H ₂ O		
S-2 (0-1')	10/2/2024		X		Grab/	1	X	X	X											Cool: Cool	MeOH: Me		
S-2 (1.5')	10/2/2024		X		Grab/	1	X	X	X											HCL: HC	HNO ₃ : HN		
S-2 (2')	10/2/2024		X		Grab/	1	X	X	X											H ₂ SO ₄ : H ₂	NaOH: Na		
S-3 (0-1')	10/2/2024		X		Grab/	1	X	X	X											H ₃ PO ₄ : HP			
S-3 (1.5')	10/2/2024		X		Grab/	1	X	X	X											NaHSO ₄ : NABIS			
S-3 (2')	10/2/2024		X		Grab/	1	X	X	X											Na ₂ S ₂ O ₃ : NaSO ₃			
					Grab/	1	X	X	X											Zn Acetate+NaOH: Zn			
					Grab/	1	X	X	X											NaOH+Ascorbic Acid: SAPC			

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>Cell Moehring</u>	<u>10-2-24 1330</u>	<u>Sebastian Orozco</u>	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 03, 2024

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: M-CHAVEZ STATION - 12"-DL - 09162024

Enclosed are the results of analyses for samples received by the laboratory on 10/02/24 12:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: H - 1 (0-0.5') (H245981-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63	
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75	
Total BTX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	205	102	200	11.2	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	199	99.5	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: H - 2 (0-0.5') (H245981-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63	
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75	
Total BTEX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	205	102	200	11.2	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	199	99.5	200	12.9	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: H - 3 (0-0.5') (H245981-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63	
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02	
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05	
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75	
Total BTEX	<0.300	0.300	10/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
CLINT MERRITT
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	M-CHAVEZ STATION - 12"-DL - 0916202	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Tamara Oldaker
Project Location:	KINETIC MIDSTREAM - CHAVEZ CO., NM		

Sample ID: H - 4 (0-0.5') (H245981-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.00	100	2.00	5.63		
Toluene*	<0.050	0.050	10/02/2024	ND	2.08	104	2.00	5.02		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.11	105	2.00	5.05		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.40	107	6.00	4.75		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/03/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2024	ND	185	92.7	200	1.99	
DRO >C10-C28*	<10.0	10.0	10/02/2024	ND	175	87.3	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	10/02/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA45981

Project Manager:	Clinton Merritt	Bill to: (if different)	Sebastian Orozco
Company Name:	Carmona Resources	Company Name:	Kinetic Midstream
Address:	310 W Wall St Ste 500	Address:	288 W. Kincaid Ranch Rd.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Artesia, NM 88210
Phone:	432-813-9044	Email:	sorozco@kinetik.com

Work Order Comments	
Program: UST/PSR <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	M-Chaves Station-12"-DL - 09162024	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes				
Project Number:	2532																	None: NO	DI Water: H ₂ O			
Project Location:	Chavez County, New Mexico	Due Date:																Cool: Cool	MeOH: Me			
Sampler's Name:	CM																	HCL: HC	HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters														H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:				BTEX 8021B														NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:				TPH 8015M (GRO + DRO + MRO)														Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:				Chloride 4500														Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments		
H-1 (0 - 0.5')		10/2/2024		X		Grab/	1	X	X	X												
H-2 (0 - 0.5')		10/2/2024		X		Grab/	1	X	X	X												
H-3 (0 - 0.5')		10/2/2024		X		Grab/	1	X	X	X												
H-4 (0 - 0.5')		10/2/2024		X		Grab/	1	X	X	X												

Comments: Email to Mike Carmona / mcamonara@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<u>Delc. Moehring</u>	10-2-24 12:58	<u>Sebastian Orozco</u>	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 08, 2024

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: M - CHAVES STATION - 12" - DL - 09162024

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 8:11.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	M - CHAVES STATION - 12" - DL - 09162	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Shalyn Rodriguez
Project Location:	CHAVES CO, NEW MEXICO		

Sample ID: CS - 1 (9') (H246784-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	8.56	
Toluene*	<0.050	0.050	11/07/2024	ND	2.01	100	2.00	6.98	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	5.67	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.07	101	6.00	5.39	
Total BTX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/07/2024	ND	400	100	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	200	100	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	193	96.3	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	M - CHAVES STATION - 12" - DL - 09162	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Shalyn Rodriguez
Project Location:	CHAVES CO, NEW MEXICO		

Sample ID: SW - 1 (9') (H246784-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	8.56		
Toluene*	<0.050	0.050	11/07/2024	ND	2.01	100	2.00	6.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	5.67		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.07	101	6.00	5.39		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/07/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	200	100	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	193	96.3	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	M - CHAVES STATION - 12" - DL - 09162	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Shalyn Rodriguez
Project Location:	CHAVES CO, NEW MEXICO		

Sample ID: SW - 2 (9') (H246784-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	8.56		
Toluene*	<0.050	0.050	11/07/2024	ND	2.01	100	2.00	6.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	5.67		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.07	101	6.00	5.39		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/07/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	200	100	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	193	96.3	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/07/2024	Sampling Date:	11/06/2024
Reported:	11/08/2024	Sampling Type:	Soil
Project Name:	M - CHAVES STATION - 12" - DL - 09162	Sampling Condition:	Cool & Intact
Project Number:	2532	Sample Received By:	Shalyn Rodriguez
Project Location:	CHAVES CO, NEW MEXICO		

Sample ID: SW - 3 (9') (H246784-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	8.56		
Toluene*	<0.050	0.050	11/07/2024	ND	2.01	100	2.00	6.98		
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	5.67		
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.07	101	6.00	5.39		
Total BTEX	<0.300	0.300	11/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/07/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	200	100	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	193	96.3	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/07/2024
 Reported: 11/08/2024
 Project Name: M - CHAVES STATION - 12" - DL - 09162
 Project Number: 2532
 Project Location: CHAVES CO, NEW MEXICO

Sampling Date: 11/06/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (9') (H246784-05)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	8.56	
Toluene*	<0.050	0.050	11/07/2024	ND	2.01	100	2.00	6.98	
Ethylbenzene*	<0.050	0.050	11/07/2024	ND	2.04	102	2.00	5.67	
Total Xylenes*	<0.150	0.150	11/07/2024	ND	6.07	101	6.00	5.39	
Total BTEX	<0.300	0.300	11/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/07/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/07/2024	ND	200	100	200	3.01	
DRO >C10-C28*	<10.0	10.0	11/07/2024	ND	193	96.3	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	11/07/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

4246784

Page 1 of 1

Page 8 of 8

[illegible]

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 407495

QUESTIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426127476
Incident Name	NAPP2426127476 M-CHAVES STATION-12"-DL - 09/16/2024 @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123229442] Frontier Field Services Gathering System

Location of Release Source	
Please answer all the questions in this group.	
Site Name	M-Chaves Station-12"-DL - 09/16/2024
Date Release Discovered	09/16/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Pipeline (Any) Condensate Released: 6 BBL Recovered: 4 BBL Lost: 2 BBL.
Natural Gas Vented (Mcf) Details	Cause: Corrosion Pipeline (Any) Natural Gas Vented Released: 139 MCF Recovered: 0 MCF Lost: 139 MCF.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 09/17/2024
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airport Lane Midland, TX 79705	OGRID:
	221115
	Action Number:
	407495
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 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	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	101700
GRO+DRO (EPA SW-846 Method 8015M)	89300
BTEX (EPA SW-846 Method 8021B or 8260B)	544
Benzene (EPA SW-846 Method 8021B or 8260B)	131
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	11/05/2024
On what date will (or did) the final sampling or liner inspection occur	11/06/2024
On what date will (or was) the remediation complete(d)	11/08/2024
What is the estimated surface area (in square feet) that will be reclaimed	150
What is the estimated volume (in cubic yards) that will be reclaimed	220
What is the estimated surface area (in square feet) that will be remediated	150
What is the estimated volume (in cubic yards) that will be remediated	220
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 12/02/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	398651
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	188

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	150
What was the total volume (cubic yards) remediated	220
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	150
What was the total volume (in cubic yards) reclaimed	220
Summarize any additional remediation activities not included by answers (above)	N/A

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: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 12/02/2024
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 407495

QUESTIONS (continued)

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 407495

CONDITIONS

Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115
	Action Number: 407495
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2426127476 M-CHAVES STATION-12"-DL - 09/16/2024, thank you. This Remediation Closure Report is approved.	12/27/2024