



Date: November 26, 2025

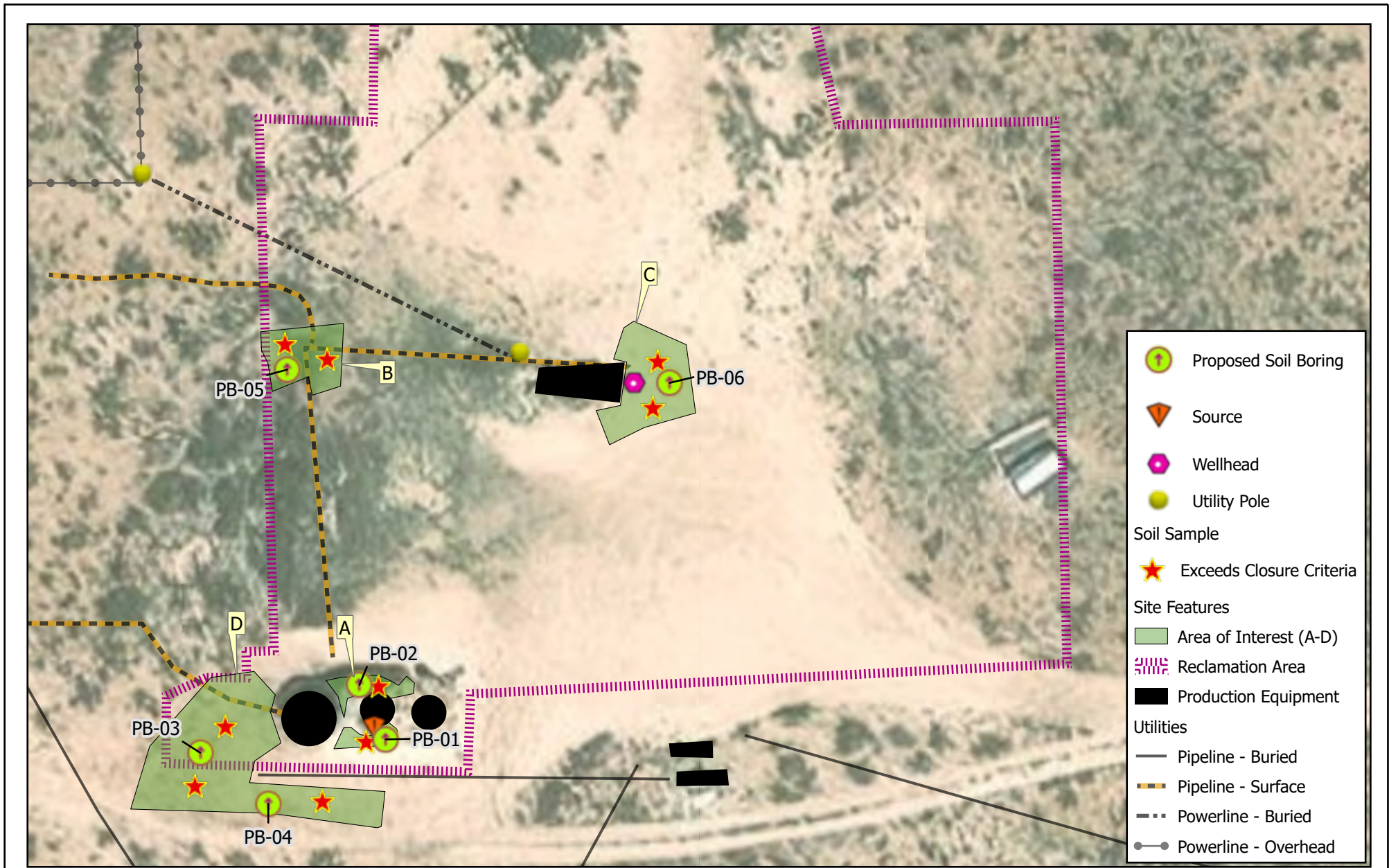
Location: Phillips State #001
Incident #: nAPP2533038983

RE: Estimated Volume Calculation

The attached map shows four Areas of Interest (AOI). Preliminary characterization sampling of suspect historical releases indicate that a minimum of 180 cubic yards of subsurface material may have been impacted – yielding an estimated release volume of 181 barrels. The AOIs are pending further delineation; therefore, release volumes are only an estimate. Below is the estimated volume calculation.

Spill Dimensions to Volume of Release outside of Containment (not recovered)			
Input	volume of affected soil	[feet^3]	4831.00
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.60
Output	volume of fluid	[feet^3]	1014.5
		[gal]	7589.1
		Barrels	180.7

Andrew Parker
Andrew Parker
Senior Project Manager
Vertex Resource Services Inc
c: (575) 689-7007



VERTEX

Map Center:
Lat/Long: 32.408057°N, 103.347902°W
Date: Oct 10/25

0 20 40 ft
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

**Proposed Soil Boring/Sample Locations
Phillips State #001**

FIGURE: **5** K&M Resources

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.



25A-02811

Second Revised Remediation Work Plan

Phillips State #1

API: 30-025-28548

NMSLO Lease Number: E019320001

NMOCD Incident: nAPP2533038983

Coordinates: 32.4078387, -103.3482044

Prepared for:

K&M Resources LLC

Prepared by:

Vertex Resource Services Inc.

Date:

April 2026

K&M Resources LLC
Phillips State #001

2nd Revised Remediation Work Plan
April 2026

2nd Remediation Workplan
Phillips State #001

On behalf of:
K&M Resources LLC
P.O. BOX 1540
Artesia, NM 88211

Prepared for:
New Mexico State Land Office -ECO
310 Old Santa Fe Trail
Santa Fe NM 87501

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

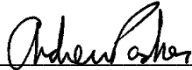
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Stephanie McCarty, Bs. S.
Environmental Specialist, REPORTING

04/10/2026

Date



Andrew Parker, MGIS
Senior Proj. Manager, REVIEWER

04/10/2026

Date

Executive Summary

On behalf of K&M Resources LLC (K&M), Vertex Resource Services Inc. (Vertex) submits this Second Revised Remediation Work Plan. The SLO-ECO approved first Revised Remediation Workplan dated October 31, 2025; proposed a borehole program to complete vertical delineation. The borehole program was completed on February 10th, 2026.

This revision presents the results of the borehole program and presents a path forward to complete remedial activities. Sections 1 through 3 and Section 5 remain as originally approved by SLO-ECO. Revisions are presented in Section 4 that includes 1.) soil boring results and 2.) proposed remediation of Areas of Interest (AOIs).

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1.0 Introduction

K&M Resources LLC (K&M) retained Vertex Resource Services Inc. (Vertex) to complete an initial release site assessment and remediation work plan for the Phillips State #001 (hereafter referred to “the Site”). The active oil and gas well is operated by K&M on surface leased by Conoco Phillips Company. K&M acquired the oil and gas well in April 2021 from Robert H Forrest Jr Oil LLC.

On April 29 and May 1, 2025; the SLO-ECO informed K&M of abandoned equipment and a release at the tank battery. K&M responded to the request and submitted a Notification of Release to NMOCD. Upon further release evaluation, volume calculations showed that the release volume was less than 5 bbls and requested a cancelation. NMOCD approved the cancelation request on May 12, 2025. After further site assessment a legacy release was discovered and a second C-141 was submitted to NMOCD. The incident number for the second notice is nAPP2533038983. Communications are located in Appendix G & H.

Vertex conducted a site visit on June 4, 2025, and confirmed the extent and volume of the subject release and identified abandoned equipment on-site. Initial remedial actions were performed on August 11th through August 15th, 2025. The proposed plan remains to remediate the release confined within the tank battery containment with the addition of remediation within the areas of interest identified during the August remedial actions.

Removal of abandoned equipment occurred during the August 2025, remedial actions.

On February 10, 2026; Vertex and Earth Worx Environmental deployed a Geoprobe to collect vertical, soil boring samples by direct push technology.

2.0 Background

2.1 Access

The Site is located approximately 11 miles west-southwest of Eunice, NM on New Mexico State Trust Lands. Figure 1 shows the Site relative to lease boundaries.

Lease Holder: ConocoPhillips Company
Well Operator: K&M Resources (Appendix A)
Unit Letter H, Section 10, Township 22 South, Range 35 East.
Lea County
Latitude, Longitude: 32.4078387, -103.3482044

The Site can be accessed from the intersection of Highway 176 and 207 in Eunice. Travel south for 2.5 miles then turn west on Delaware Basin Road. Proceed west for 8.8 miles. At the curve, proceed northeast onto a lease access road. Continue for 0.12 miles and turn north. Proceed for 0.22 miles and turn northwest. Continue for 0.68 miles

and turn north. Proceed for 0.14 miles and turn west. Proceed for 0.25 miles. The Site will be on the north side of the lease road.

2.2 Site Description

The Site is an active production pad for oil and gas operations (Figure 2). A tank battery is located at the southwest corner. The wellhead is centrally located on the production pad. The tank battery contains two steel tanks, a netted open top fiberglass tank, and a steel oil/water separator. The northern portion of the Site includes a legacy reserve pit. Four areas of interest (AOIs) were identified during the August remedial actions. The AOIs are discussed in Section 4.

2.3 Cultural Resources Compliance

The proposed remediation and general housekeeping areas are situated within the boundaries of current and historical disturbances from daily oil and gas operations, which is not subject to the need and applicability of the Cultural Properties Protection (CPP) Rule. The proposed work will remain confined within areas of prior disturbances.

Should any remediation or general housekeeping activities require any additional new surface disturbance or any cultural properties be encountered during the course of proposed activities, appropriate measures will be taken in accordance with State regulations, including immediate cessation of work and notification to NMSLO's ECO division.

2.4 Ecological Setting

The Site is situated in the Shinnery Sands Level IV 25j Ecoregion (Griffith et al., 2006). This ecoregion is characterized as having the following natural vegetation: Havard shin oak, fourwing saltbush, yucca, sand verbenas, sunflowers, fringed sagewort, and hoary rosemary-mint.

The Site is within the Kimbrough Gravelly Loam (Plate 1, Appendix B) and classified as "Not prime farmland".

The typical soil profile consists of:

- *A - 0 to 3 inches*: gravelly loam
- *Bw - 3 to 10 inches*: loam
- *Bkkm1 - 10 to 16 inches*: cemented material
- *Bkkm2 - 16 to 80 inches*: cemented material

With a depth to restrictive layer of 4 to 18 inches to petrocalcic (caliche).

Mean annual air temperature is between 57 and 63 °F. Mean annual precipitation is between 14 to 16 inches and the frost-free period is between 180 and 220 days.

2.5 Biological Compliance

Review of critical habitats identified three (3) potentially affected species and no critical habitats. The biological review is included in Appendix D. Critical habitats reviewed include:

- Birds
- Fishes
- Insects
- Refuge Lands
- Fish Hatcheries
- Wetlands

While no critical habitat was identified, remediation activities will proceed with caution in order to avoid potential impacts to threatened or proposed threatened species including, but not limited to: Lesser Prairie-Chicken, Northern Aplomado Falcon, and Monarch Butterfly. The nearest Lesser Prairie-Chicken habitat is 4.6 miles southwest with the time restriction boundary 4-miles south.

2.6 Environmental Incidents

There is one NMOCD open environmental incident associated with the Site. The NMOCD incident number is nAPP2533038983 and is the subject of this remediation plan. Communications are located in Appendix G.

3.0 Site Evaluation

Vertex conducted an initial site assessment of the subject release on June 04, 2025. The site assessment confirmed the release extent is within an unlined tank battery containment and is representative of the photo documentation anonymously submitted to SLO-ECO. The abandoned tanks referenced in the SLO-ECO April 29th email were identified along the eastern edge of the production pad and within prior surface disturbance as identified in a 1997 aerial photograph (Figure 3). Additional abandoned equipment and surface staining from active oil and gas operations were observed throughout the Site.

Proposed remedial actions for the subject release and Areas of Interest are presented in Section 4. Documentation of the initial site assessment is included in the daily field reports (DFRs, Appendix F).

3.1 Assessment of Soil Suitability

Closure Criteria determination was adopted from 19.15.29 NMAC. Table 1, below, summarizes Closure Criteria for releases located on an active production site for oil and gas operations. Depth-to-water (DTW) was interpolated at 90 feet below ground surface (bgs) based on isocontours from Open File Report – 95 and verified against DTW at nearby water wells (Plate 2). The nearest water well with DTW data is located 1.18 miles southeast and is identified on Plate 2 as CP-00753. The well was gauged on July 18, 1990, with a DTW of 185 ft. Appendix B provides siting criteria documentation. The CP-00753 well log is located in Appendix C.

Table 1, below, summarizes Closure Criteria per 19.15.29 NMAC.

Table 1. Closure Criteria		
Depth-to-Water between 50 and 100 feet.	Constituent	Limit
< 4 ft below ground surface and area is not on an active production site in-use for oil and gas operations.	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	GRO+DRO	--
	BTEX	50 mg/kg
	Benzene	10 mg/kg
<ul style="list-style-type: none"> Active production site in-use for oil and gas operations. Or, <ul style="list-style-type: none"> > 4 ft below ground surface 	Chloride	10,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

For the purpose of this document, soil suitability is defined as:

- Suitable Soils – soils that meet the most stringent Closure Criteria concentrations per Table 1 of 19.15.29 NMAC and consists of compositions that support vegetative growth (i.e. topsoil).
- Unsuitable Soils – soils that exceed Closure Criteria presented in Table 1, or 2 as applicable, above.
- Undesirable Soils – soils that meet the most stringent Closure Criteria and consists of caliche, gypsum, limestone or compositions that inhibit vegetation growth.

4.0 Second Revised Remediation Work Plan

4.1 Remedial actions completed

Initial remedial actions occurred from August 11th through August 15th, 2025. General housekeeping activities included gathering and removing abandoned oil field equipment and debris.

Surface scraping of hydrocarbon impacted surface soils on the active production pad and within the tank battery containment suggested that impact is likely greater than 6 to 12 inches – at which time a decision was made to cease removal of impacted soils and proceed with a borehole program to horizontally and vertically delineate impacted soils. The surface scraping areas are identified as Areas of Interest (AOI) labeled A through D.

Impacted areas subject to surface scraping were sampled at the bases to obtain representative concentrations of chloride and hydrocarbons to assess current conditions and develop a revised remediation plan. Figure 4 shows the AOIs and locations of soil samples and identified whether the sample meets or exceeds Closure Criteria. Table A is

a summary of laboratory results including depth of soil sample. Appendix I contains the laboratory Certificates of Analysis.

The upper 3-inches (0.25 feet) of a weathered asphaltene surface soil layer south and west of the tank battery was removed (AOI D). The area south of the tank battery is along a lease road. The area west of the tank battery is within a previously disturbed area. Both areas are off-site and will require additional remedial actions. The area south of the tank battery exceeded chloride and hydrocarbon Closure Criteria concentrations for off-site use. The area west of the tank battery exceeded chloride Closure Criteria concentrations for off-site use. The on-site AOIs A through C were surface scraped to a depth of 3-inches. Base sample TPH concentrations exceeded Closure Criteria for areas in-use on the active production site. Chloride concentrations met Closure Criteria for areas in-use on the active production site.

4.2 Borehole Program Results

The previously SLO-ECO approved borehole program was conducted on February 10, 2026. A copy of the 2-day notice prior to the commencement of the drilling program is included in Appendix G.

Six (6) soil borings (BH26-01 through BH26-06) were advanced using direct push drilling technology within the identified AOIs. Total depths ranged from 6 to 24 feet below ground surface (bgs). One (1) additional soil boring (BG26-01) was advanced to a depth of 14 feet to establish background soil concentrations. Background chloride concentrations ranged from 32 to 176 mg/kg; hydrocarbon concentrations were below laboratory detection levels.

Figure 5 shows the completed borehole locations relative to the AOIs. Table B is a summary of laboratory results including depth of soil sample. Soil boring logs are presented in Appendix E. Appendix I contains the laboratory Certificates of Analysis.

4.2.1 AOI A

AOI A is around the central tank battery, within the earthen berm containment. Two (2) soil borings were drilled by direct push and ten (10) soil samples were collected from the borings. Surface samples from BH26-01 and BH26-02 exceeded closure criteria for TPH. Chlorides, Benzene and BTEX were below closure criteria limits for an active production site in-use for oil and gas operations.

4.2.2 AOI B

AOI B is near the former separator foundation to the northwest. One (1) soil was boring drilled by direct push and seven (7) soil samples were collected from the boring. No samples from BH26-05 exceeded closure criteria limits for an active production site in-use for oil and gas operations .

4.2.3 AOI C

The AOI C is east of the pump jack. One (1) soil boring was drilled by direct push and six (6) soil samples were collected from the boring. Soil boring sample BH26-06 at 2 feet exceeded TPH closure criteria limits for an active production site in-use for oil and gas operations . Chlorides, Benzene and BTEX were below closure criteria limits for an active production site in-use for oil and gas operations.

4.2.4 AOI D

AOI D is southwest of the tank battery and along a lease road. AOI D is considered off-site but within a formerly disturbed area. Two (2) soil borings were drilled by direct push and seven (7) soil samples were collected from the borings. Chloride concentrations in the upper 4 feet at BH26-03 exceeded closure criteria limits for areas off-site. Hydrocarbons were below laboratory detection levels. Chloride concentrations in the upper 2 feet at BH26-04 exceeded closure criteria limits for areas off-site. Hydrocarbons were below laboratory detection levels.

4.3 Proposed Remediation

The following remediation actions will be executed in the order listed below. Prior to any additional disturbance, an Electromagnetic Induction Survey (EM Survey) will be conducted to delineate chloride impacted areas. Remediation of the AOIs will then proceed, followed with soil sampling delineation to determine lateral extents of the impacted areas.

4.3.1 EM Survey Delineation

An EM Survey will be conducted to measure soil salinity (chloride impacted soils) within and around the AOIs and will include the legacy reserve pit. Data will be evaluated to aid in the delineation of chloride impacted soils at the Site including the legacy reserve pit.

4.3.2 Remediation of AOIs

Soil sample collected to date were evaluated and remediation options were assessed according to closure criteria for on-site and off-site areas. Dig-haul-dispose is the selected remedial action. Figure 6 shows proposed remediation areas and anticipated depths.

Confirmation soil samples will be collected from the excavation bases and walls representing an area no greater than 200 sq. ft and submitted for laboratory analysis for Chloride, BTEX, Benzene, and TPH. Excavated material will be transported off-site to an approved disposal facility.

4.3.2.1 AOI A

AOI A will be excavated to one-foot bgs, then in 0.5-foot increments, if necessary, until sampling results are below closure criteria. The AOI A is within an earthen berm containment around active production tanks and will be conducted with caution and any work deemed unsafe will be concluded and reevaluated. AOI A will be excavated by hand digging and will be approximately 8 cubic yards of material.

4.3.2.2 AOI B

The northern and eastern portions of AOI B will be excavated to 0.5 foot bgs, then in 0.5-foot increments, if necessary, until sampling results are below closure criteria. Excavation will be executed by machine and hand dug around lines and will be approximately 5 cubic yards of material.

4.3.2.3 AOI C

AOI C will be excavated to a depth no greater than 4 feet bgs by machine, hand dug around lines and will be approximately 85 cubic yards of material.

4.3.2.4 AOI D

AOI D, in the off-site right-of-way, will be excavated to an anticipated depth no greater than 4 feet bgs. This AOI will be excavated by machine, hand dug around lines and will be approximately 163 cubic yards of material.

4.3.3 Soil Sampling Delineation

To horizontally and vertically delineate to the most stringent closure criteria, additional soil samples will be collected at the four cardinal directions relative to the production site. Depth of soil samples will be collected at 0.5 feet, 2 feet, and 4 feet.

5.0 Surface Restoration Work Plan

5.1 Site Restoration

After remedial actions, disturbed surfaces will be restored to an active production pad or restored as a right-of-way. Remediated soils will be replaced with clean, non-waste containing material (caliche) suitable to support oil and gas activities.

When the production site is no longer in use for oil and gas operations, the surface shall be remediated, restored, and reclaimed per 19.15.29.13.A-D.

5.2 Final Reclamation

When the Site is no longer in-use for oil and gas operations, the surface will be reclaimed as pastureland according to State regulations in-place at the time of final site decommissioning and abandonment.

6.0 Proposed Schedule

- May 1, 2026 – Second Revised Remediation Plan approved by SLO-ECO and NMOCD.
- May 15, 2026 – EM survey. Evaluate results.
- June 1, 2026 – Arrange schedule with excavation contractor.
- June 15, 2026 – Execution of remediation activities.
- June 22, 2026 – Sampling of AOIs and for delineation.
- July 15, 2026 – Surface restoration as an active production pad.

7.0 References

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8.0 Limitations

This report has been prepared for the sole benefit of K&M Resources LLC. This document may not be used by any other person or entity, with the exception of the New Mexico State Land Office, without the express written consent of Vertex Resource Services Inc. (Vertex) and K&M Resources LLC. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Tables



10/03/2025

Table A
Initial Soil Sampling
Summary of Analytical

K&M Resources LLC
Phillips State #1
API: 30-025-28548

Sample ID	Date	Discrete Depth (Feet)	Area	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Lab	Lab #
Closure Criteria										
0 - 4 feet & "not in-use"				600	--	100	10	50		
> 4 ft or "in-use"				10,000	1,000	2,500	10	50		
BS25-01	8/15/2025	0.25	Within AOD	3,600	2,890	3,853	ND	ND	Cardinal	H255103
BS25-02	8/15/2025	0.25	Within AOD	6,800	ND	ND	ND	ND	Cardinal	H255103
BS25-03	8/15/2025	0.25	Within AOD	3,600	ND	ND	ND	ND	Cardinal	H255103
BS25-04	8/15/2025	0.25	Tank Battery	1,150	36,749	44,799	ND	3.08	Cardinal	H255103
BS25-04	8/15/2025	1	Tank Battery	1,620	7,060	10,010	ND	ND	Cardinal	H255103
BS25-05	8/15/2025	0.25	Tank Battery	304	14,220	17,530	ND	10.80	Cardinal	H255103
BS25-05	8/15/2025	1	Tank Battery	688	469	659	ND	ND	Cardinal	H255103
BS25-06	8/15/2025	0.25	On-Site	208	29,000	36,620	ND	1.24	Cardinal	H255103
BS25-07	8/15/2025	0.25	On-Site	336	27,500	35,240	ND	0.51	Cardinal	H255103
BS25-08	8/15/2025	0.25	On-Site	912	3,004	4,214	ND	ND	Cardinal	H255103
BS25-09	8/15/2025	0.25	On-Site	912	7,941	9,451	ND	ND	Cardinal	H255103

Exceeds Closure Criteria
AOD = Area of Disturbance

Client Name: K&M Resources LLC
 Site Name: Phillips State #001
 NMOCD Incident: nAPP2533038983
 Project #: 25A-02811
 Lab Report: H260848

Table B. Borehole Program Sampling - Summary of Analytical										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Depth to Groundwater 51-100 feet bgs										
BH26-01	0	February 10, 2026	0.62	0.62	306	17,100	3,090	17,406	20,496	464
	2	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,330
	4	February 10, 2026	ND	ND	ND	28	ND	28	28	1,470
	8	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,340
	16	February 10, 2026	ND	ND	ND	85	24	85	109	1,230
BH26-02	0	February 10, 2026	ND	ND	ND	9,370	3,040	9,370	12,410	224
	2	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	400
	4	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,200
	6	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,460
	12	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,390
BH26-03 (off-site)	0	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,330
	2	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	3,680
	4	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	2,200
	10	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	2,720
BH26-04 (off-site)	0	February 10, 2026	ND	ND	ND	19	ND	19	19	1,600
	2	February 10, 2026	ND	ND	ND	19	ND	19	19	416
	4	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	432
	6	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	400
BH26-05	0	February 10, 2026	ND	ND	ND	203	73	203	276	208
	2	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	464
	4	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	992
	6	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,820
	10	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	2,400
	24	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,020



Client Name: K&M Resources LLC
 Site Name: Phillips State #001
 NMOCD Incident: nAPP2533038983
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Table B. Borehole Program Sampling - Summary of Analytical										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Depth to Groundwater 51-100 feet bgs										
BH26-06	0	February 10, 2026	ND	ND	ND	778	287	778	1,065	640
	2	February 10, 2026	ND	ND	ND	5,590	1,820	5,590	7,410	432
	4	February 10, 2026	ND	ND	ND	336	120	336	456	640
	6	February 10, 2026	ND	ND	ND	42	ND	42	42	544
	8	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	336
	14	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	160
	20	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	1,310
BG26-01	0	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	32
	2	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	96
	4	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	128
	6	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	160
	14	February 10, 2026	ND	ND	ND	ND	ND	ND	ND	176

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria (on-site)

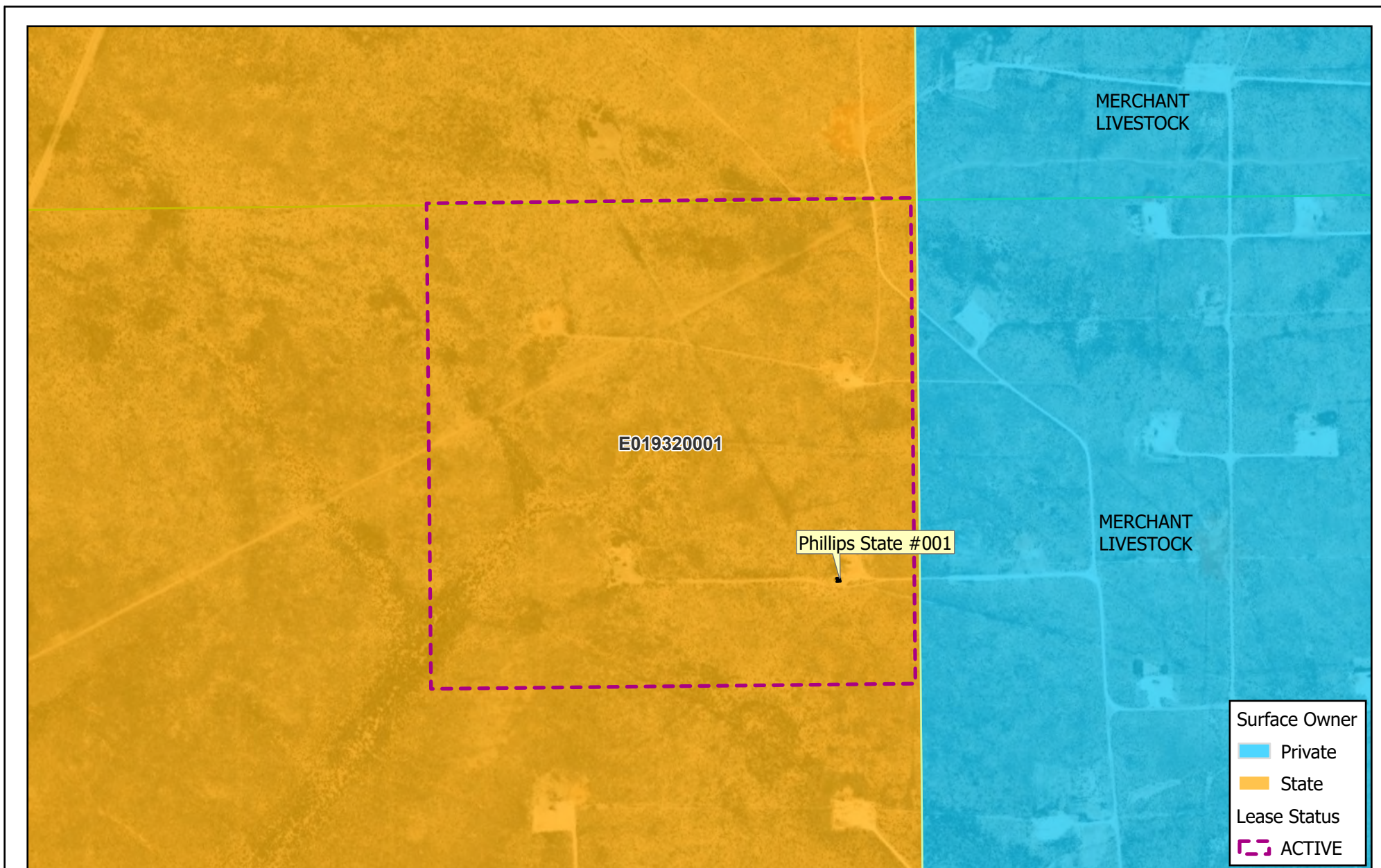
Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-site)




Figures



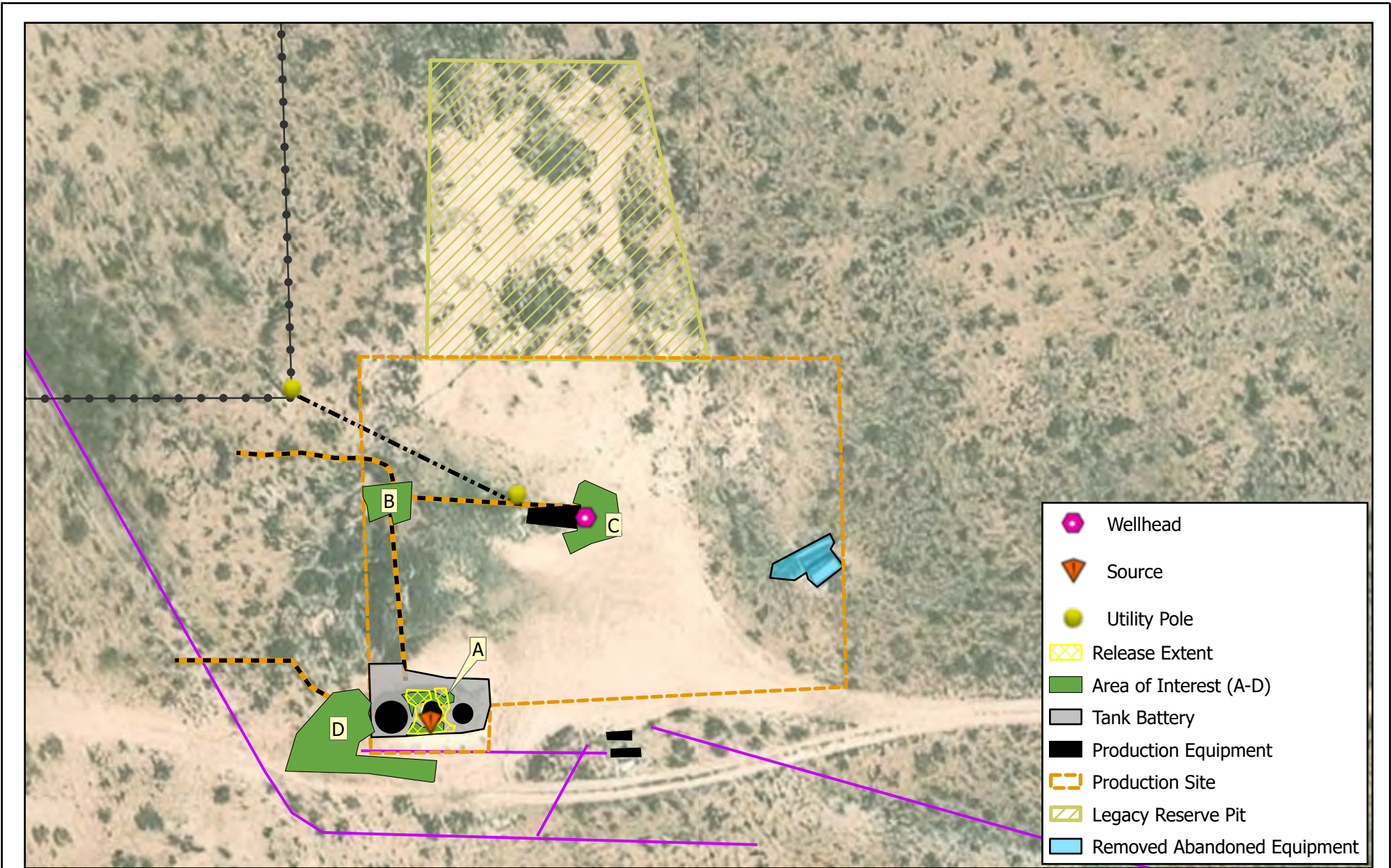
Vertex Resource Services, Inc.
Colorado • New Mexico • Texas









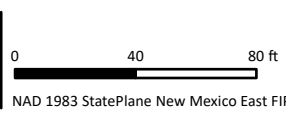
	<p>Map Center: Lat/Long: 32.409844°N, 103.350628°W</p> <p>Date: Jun 16/25</p> <p>0 300 600 US Feet</p> <p>NAD 1983 StatePlane New Mexico East FIPS 3001 Feet</p>	<p>Lease Boundary Phillips State #1</p>	<p>FIGURE: 1</p>	<p>K&M Resources</p>
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Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



-  Wellhead
-  Source
-  Utility Pole
-  Release Extent
-  Area of Interest (A-D)
-  Tank Battery
-  Production Equipment
-  Production Site
-  Legacy Reserve Pit
-  Removed Abandoned Equipment



Map Center:
Lat/Long: 32.408199°N, 103.347785°W

Date: Oct 07/25



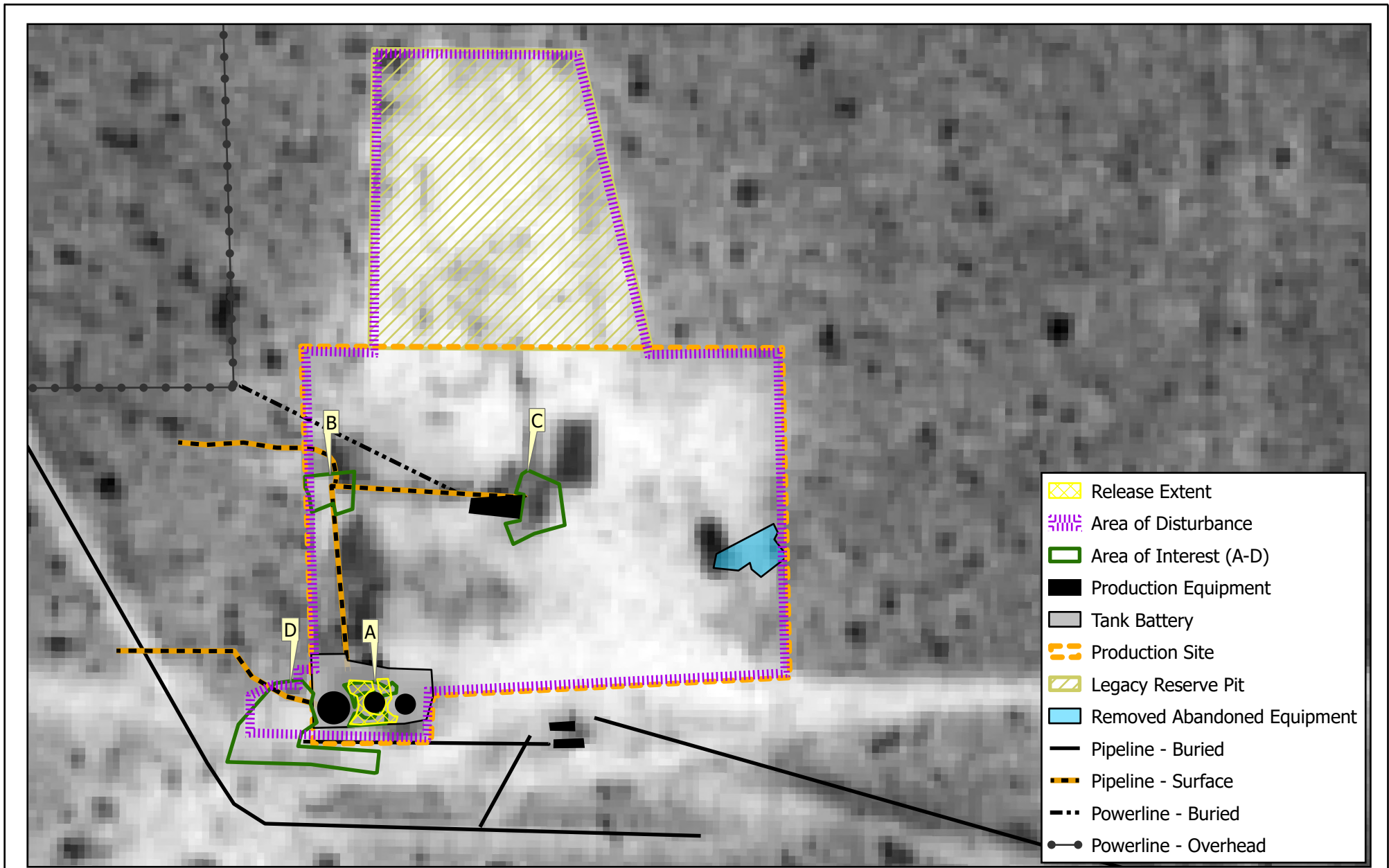
Site Map
Phillips State #1

FIGURE:
2

K&M
Resources

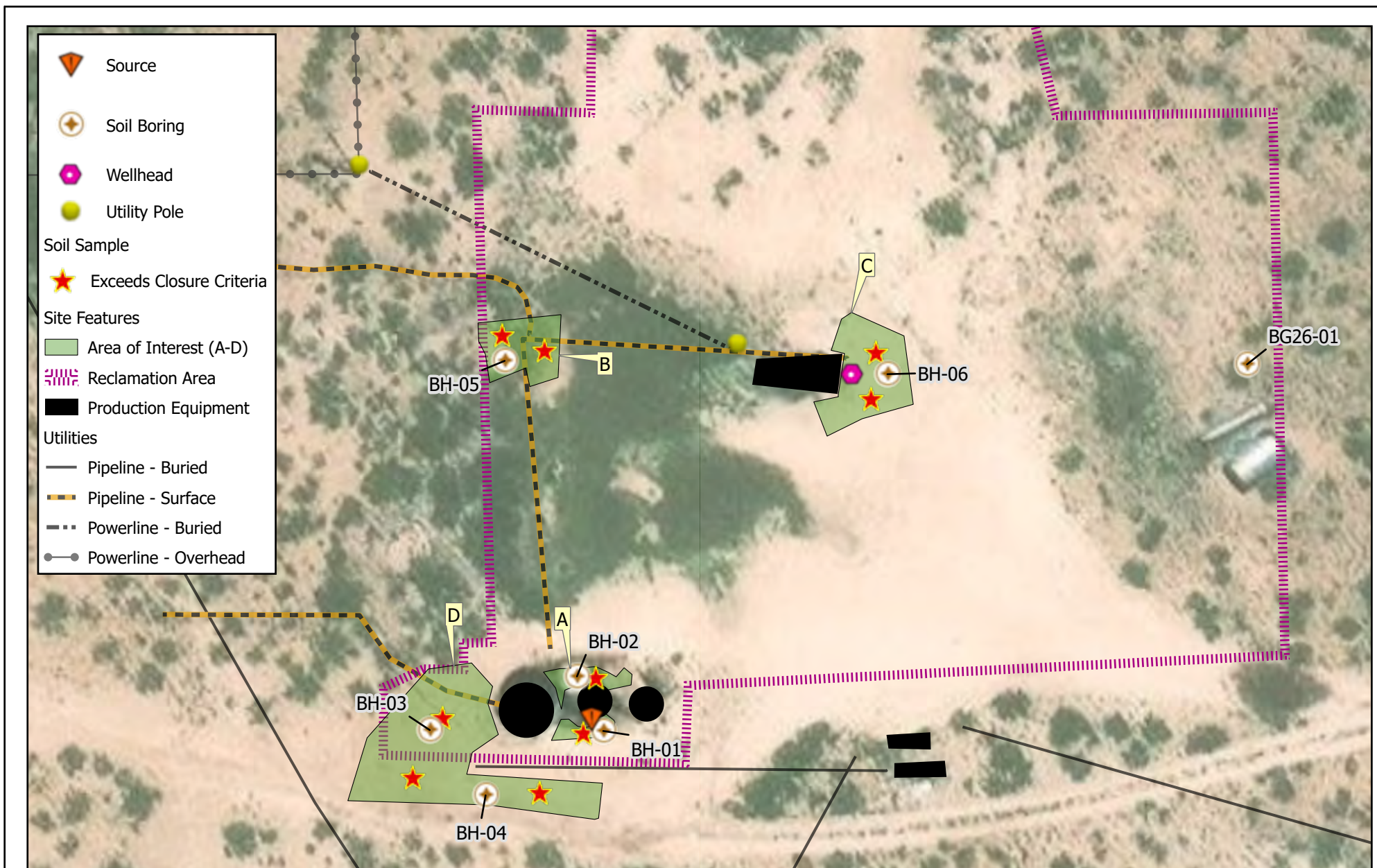
Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.



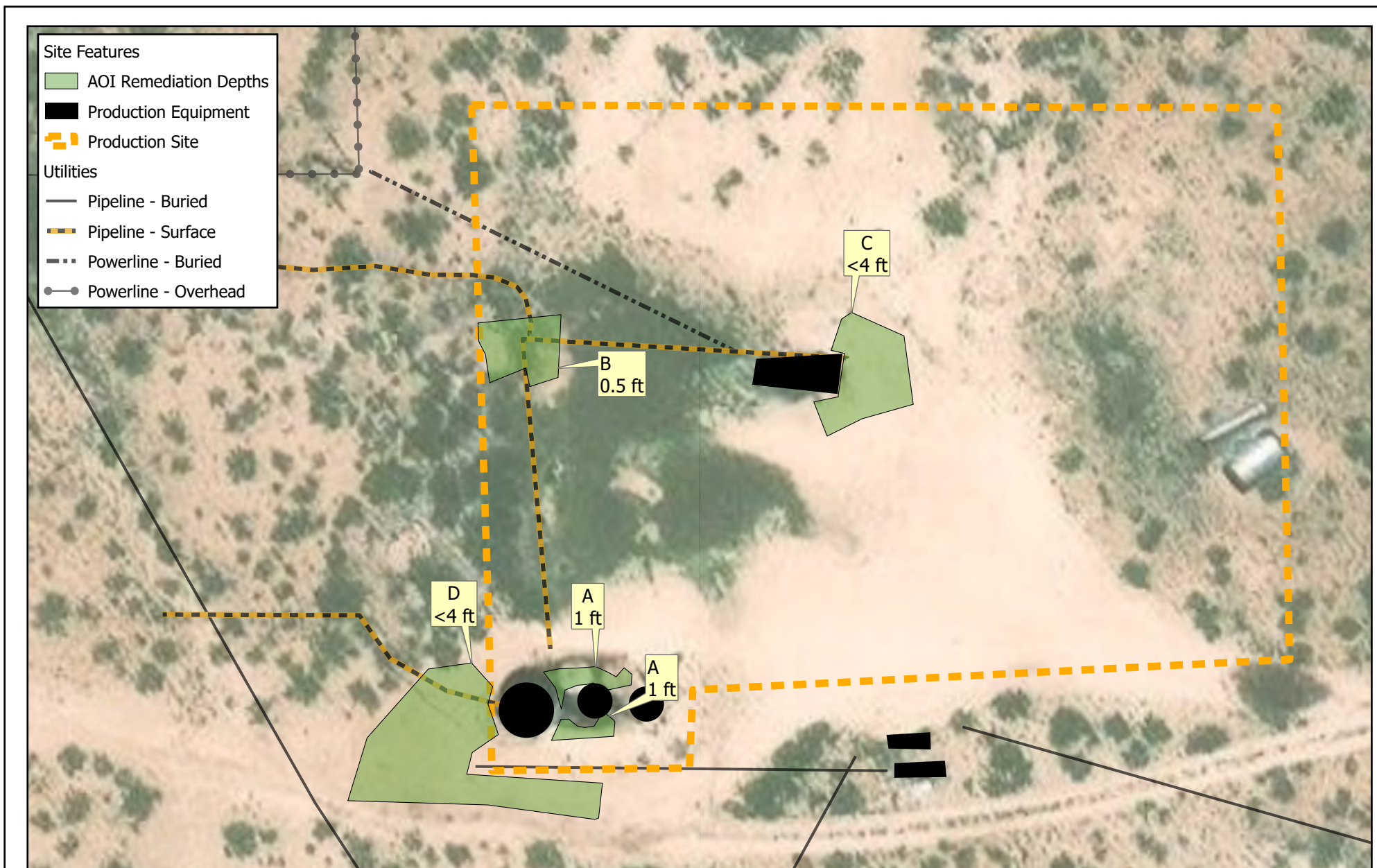
	<p>Map Center: Lat/Long: 32.408185°N, 103.347698°W</p> <p>Date: Oct 08/25</p> <p>NAD 1983 StatePlane New Mexico East FIPS 3001 Feet</p>	<p>Area of Disturbance Relative to 1997 Aerial Image Phillips State #1</p>	<p>FIGURE: 3</p>	<p>K&M Resources</p>
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Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.



	<p>0 20 40 ft</p> <p>NAD 1983 StatePlane New Mexico East FIPS 3001 Feet</p>	<p>Map Center: Lat/Long: 32.40805°N, 103.348102°W</p> <p>Date: Apr 08/26</p> <p>N</p>	<p>Soil Boring/Sample Locations Phillips State #001</p>	<p>FIGURE: 5</p>	<p>K&M Resources</p>
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Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.



	0 20 40 ft NAD 1983 StatePlane New Mexico East FIPS 3001 Feet	Map Center: Lat/Long: 32.40805°N, 103.348102°W Date: Apr 08/26		Remediation/Restoration Extents with Depths Phillips State #001	FIGURE:	K&M Resources
					6	

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes. Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

Appendix A

Well Operator



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

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**

Change of Operator

Form C-145
Revised May 19, 2017

Permit 216055

Previous Operator Information

New Operator Information

OGRID:	<u>19381</u>	Effective Date:	<u>Effective on the date of approval by the OCD</u>
Name:	<u>ROBERT H FORREST JR OIL LLC</u>	OGRID:	<u>330662</u>
Address:	<u>609 Elora Dr.</u>	Name:	<u>K&M RESOURCES LLC</u>
		Address:	<u>P.O. BOX 1540</u>
City, State, Zip:	<u>Carlsbad, NM 88220</u>	City, State, Zip:	<u>ARTESIA, NM 88211</u>

I hereby certify that the rules of the Oil Conservation Division ("OCD") have been complied with and that the information on this form and the certified list of wells is true to the best of my knowledge and belief.

Additionally, by signing below, K&M RESOURCES LLC certifies that it has read and understands the following synopsis of applicable rules.

PREVIOUS OPERATOR certifies that all below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells being transferred are either (1) in compliance with 19.15.17 NMAC, (2) have been closed pursuant to 19.15.17.13 NMAC or (3) have been retrofitted to comply with Paragraphs 1 through 4 of 19.15.17.11(l) NMAC.

K&M RESOURCES LLC understands that the OCD's approval of this operator change:

1. constitutes approval of the transfer of the permit for any permitted pit, below-grade tank or closed-loop system associated with the selected wells; and
2. constitutes approval of the transfer of any below-grade tanks constructed and installed prior to June 16, 2008 associated with the selected wells, regardless of whether the transferor has disclosed the existence of those below-grade tanks to the transferee or to the OCD, and regardless of whether the below-grade tanks are in compliance with 19.15.17 NMAC.

As the operator of record of wells in New Mexico, K&M RESOURCES LLC agrees to the following statements:

1. Initials CS I am responsible for ensuring that the wells and related facilities comply with applicable statutes and rules, and am responsible for all regulatory filings with the OCD. I am responsible for knowing all applicable statutes and rules, not just the rules referenced in this list. I understand that the OCD's rules are available on the OCD website under "Rules," and that the Water Quality Control Commission rules are available on the OCD website on the "Publications" page.
2. Initials CS I understand that if I acquire wells from another operator, the OCD must approve the operator change before I begin operating those wells. See Subsection B of 19.15.9.9 NMAC. I understand that if I acquire wells or facilities subject to a compliance order addressing inactive wells or environmental cleanup, before the OCD will approve the operator change it may require me to enter into an enforceable agreement to return those wells to compliance. See Paragraph (2) of Subsection C of 19.15.9.9 NMAC.
3. Initials CS I must file a monthly C-115 report showing production for each non-plugged well completion for which the OCD has approved an allowable and authorization to transport, and injection for each injection well. See 19.15.7.24 NMAC. I understand that the OCD may cancel my authority to transport from or inject into all the wells I operate if I fail to file C-115 reports. See Subsection C of 19.15.7.24 NMAC.
4. Initials CS I understand that New Mexico requires wells that have been inactive for certain time periods to be plugged or placed in approved temporary abandonment. See 19.15.25.8 NMAC. I understand the requirements for plugging and approved temporary abandonment in 19.15.25 NMAC. I understand that I can check my compliance with the basic requirements of 19.15.25.8 NMAC by using the "Inactive Well List" on OCD's website.
5. Initials CS I must keep current with financial assurances for well plugging. I understand that New Mexico requires each state or fee well that has been inactive for more than two years and has not been plugged and released to be covered by a single-well financial assurance or a "blanket plugging financial assurance for wells in temporarily abandoned statues", even if the well is also covered by a blanket financial assurance and even if the well is on approved temporary abandonment status. See Subsection C of 19.15.8.9 NMAC. I understand that I can check my compliance with the financial assurance requirement by using the "Inactive Well Additional Financial Assurance Report" on the OCD's website.
6. Initials CS I am responsible for reporting and remediating releases pursuant to 19.15.29 NMAC. I understand the OCD will look to me as the operator of record to take corrective action for releases at my wells and related facilities, including releases that occurred before I became operator of record. I am responsible for conducting my own due diligence for any releases that have occurred prior to becoming operator of my wells and related facilities and am responsible for any open releases or unreported releases.
7. Initials CS I have read 19.15.5.9 NMAC, commonly known as "Part 5.9," and understand that to be in compliance with its requirements I must have the appropriate financial assurances in place, comply with orders requiring corrective action, pay penalties assessed by the courts or agreed to by me in a settlement agreement, and not have too many wells out of compliance with the inactive well rule (19.15.25.8 NMAC). If I am in violation of Part 5.9, I may not be allowed to drill, acquire or produce any additional wells, and will not be able to obtain any new injection permits. See 19.15.16.19 NMAC, 19.15.26.8 NMAC, 19.15.9.9 NMAC and 19.15.14.10 NMAC. If I am in violation of Part 5.9 the OCD may, after notice and hearing, revoke my existing injection permits and seek other relief. See 19.15.26.8 NMAC and 19.15.5.10 NMAC.
8. Initials CS For injection wells, I understand that I must report injection on my monthly C-115 report and must operate my wells in compliance with 19.15.26 NMAC and the terms of my injection permit. I understand that I must conduct mechanical integrity tests on my injection wells at least once every five years. See 19.15.26.11 NMAC. I understand that when there is a continuous one-year period of non-injection into all wells in an injection or storage project or into a saltwater disposal well or special purpose injection well, authority for that injection automatically terminates. See 19.15.26.12 NMAC. I understand that if I transfer operation of an injection well to another operator, the OCD must approve the transfer of authority to inject, and the OCD may require me to demonstrate the well's mechanical integrity prior to approving that transfer. See 19.15.26.15 NMAC.
9. Initials CS I am responsible for providing the OCD with my current address of record and emergency contact information, and I am responsible for updating that information when it changes. See Subsection C of 19.15.9.8 NMAC. I understand that I can update that information on the OCD's website under "Electronic Permitting."
10. Initials CS If I transfer well operations to another operator, the OCD must approve the change before the new operator can begin operations. See Subsection B of 19.15.9.9 NMAC. I remain responsible for the wells and related facilities and all related regulatory filings until the OCD approves the operator change. I understand that the transfer will not relieve me of responsibility or liability for any act or omission which occurred while I operated the wells and related facilities.
11. Initials CS No person with an interest exceeding 25% in the undersigned company is, or was within the last 5 years, an officer, director, partner or person with a 25% or greater interest in another entity that is not currently in compliance with Subsection A of 19.15.5.9 NMAC.
12. Initials CS NMOCDD Rule Subsection E and F of 19.15.16.8 NMAC: An operator shall have 90 days from the effective date of an operator name change to change the operator name on the well sign unless the division grants an extension time, for good cause shown, along with a schedule for making the changes. Each sign shall show the (1) well number, (2) property name, (3) operator's name, (4) location by footage, quarter-quarter section, township and range (or unit letter can be substituted for the quarter-quarter section), and (5) API number.

I hereby certify I understand the above. The statements I have made are true and correct and a condition precedent to the Oil Conservation Division accepting this Change of Operator.

Previous Operator

Signature:

Robert H. Forrest

Printed Name:

Robert H. Forrest

Title:

Owner Operator

Date:

4-22-21

Phone:

575-302-1011

New Operator

Signature:

Chance L. Scarborough

Printed Name:

Chance L. Scarborough

Title:

Member

Date:

4-22-21

Phone:

575-703-0379

Permit 216055

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

Wells Selected for Transfer

Permit 216055

12 Wells Selected for Transfer

From: ROBERT H FORREST JR OIL LLC	OGRID: 19381
To: K&M RESOURCES LLC	OGRID: 330662

OCD District Hobbs (3 Wells selected.)

Property	Well	Lease Type	ULSTR	OCD Unit	API	Pool ID	Pool Name	Well Type
330755	OYSTER #001	P	N-22-19S-35E	N	30-025-33525	96666	PEARL; SAN ANDRES, NORTH	O
330756	PHILLIPS STATE #001	S	H-10-22S-35E	H	30-025-28548	33820	JALMAT; TAN-YATES-7 RVRS (OIL)	O
	PHILLIPS STATE #002	S	G-10-22S-35E	G	30-025-28670	33820	JALMAT; TAN-YATES-7 RVRS (OIL)	O

OCD District: Artesia (9 Wells selected.)

Property	Well	Lease Type	ULSTR	OCD Unit	API	Pool ID	Pool Name	Well Type
330760	BOOTH BP FEDERAL #003	F	L-23-26S-29E	L	30-015-25186	8080	BRUSHY DRAW; DELAWARE	O
330752	ERWIN FEDERAL #001	F	P-09-18S-31E	P	30-015-05508	56439	SHUGART; YATES-7RS-QU-GRAYBURG	O
330753	HOLLY A FEDERAL #001	F	2-31-16S-30E	E	30-015-25327	57570	SQUARE LAKE; GRAYBURG-SAN ANDRES	O
330754	KERSEY #001Y	S	K-33-18S-28E	K	30-015-21484	3230	ARTESIA; QUEEN-GRAYBURG-SAN ANDRES	O
330757	RML FEDERAL #001	F	M-26-22S-28E	M	30-015-23895	30670	HERRADURA BEND; DELAWARE, EAST	O
330758	TOOMEY ALLEN #009	S	P-28-18S-28E	P	30-015-02102	3230	ARTESIA; QUEEN-GRAYBURG-SAN ANDRES	O
	TOOMEY ALLEN #010	S	P-28-18S-28E	P	30-015-24260	3230	ARTESIA; QUEEN-GRAYBURG-SAN ANDRES	O
	TOOMEY ALLEN #011	S	P-28-18S-28E	P	30-015-24483	3230	ARTESIA; QUEEN-GRAYBURG-SAN ANDRES	O
330759	VAQUERO #001	S	P-02-18S-28E	P	30-015-24783	3230	ARTESIA; QUEEN-GRAYBURG-SAN ANDRES	O

Appendix B

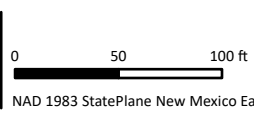
Siting Criteria



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

Phillips State #001
 K&M Resources LLC
 32.4078387, -103.3482044
 Unit Letter H. Sec 10, T22S.R35E.

Table B-1. Siting Criteria	
What is the shallowest depth to groundwater (ft bgs)	90 ft
What measure was used to determine this?	OFR-95
Did this release impact ground or surface water?	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
<ul style="list-style-type: none"> A continuously flowing watercourse or any other significant watercourse. 	1,200 ft NW
<ul style="list-style-type: none"> Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). 	0.78 miles NE
<ul style="list-style-type: none"> An occupied permanent residence, school, hospital, institution or church. 	4.88 miles W.
<ul style="list-style-type: none"> A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. 	1.2 miles SE (stock)
<ul style="list-style-type: none"> Any other fresh water well or spring. 	
<ul style="list-style-type: none"> Incorporated municipal boundaries or a defined municipal fresh water well field. 	11 miles ENE
<ul style="list-style-type: none"> A wetland. 	0.68 miles SW
<ul style="list-style-type: none"> A subsurface mine. 	9.4 miles W.
<ul style="list-style-type: none"> A (non-karst) unstable area. 	25 miles W.
<ul style="list-style-type: none"> Categorize the risk of this well/site being in a karst geology. 	Low
<ul style="list-style-type: none"> A 100-year floodplain. 	11 miles ENE
Did the release impact areas not on an exploration, development, production, or storage site?	No.



Map Center:
 Lat/Long: 32.408118°N, 103.347773°W

Date: Jun 17/25



NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Soil Classification
Phillips State #1

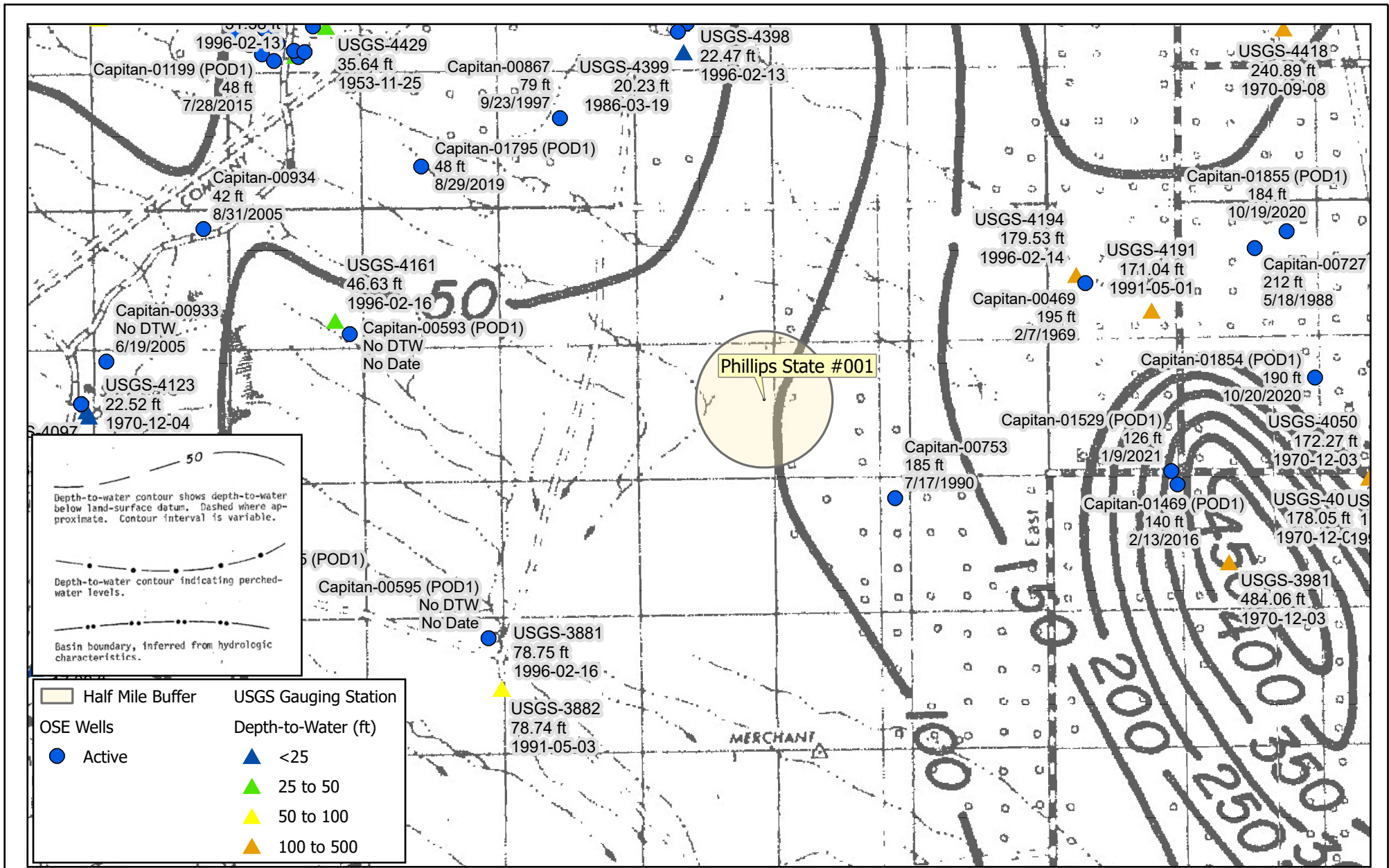
PLATE:
1

K&M
Resources

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

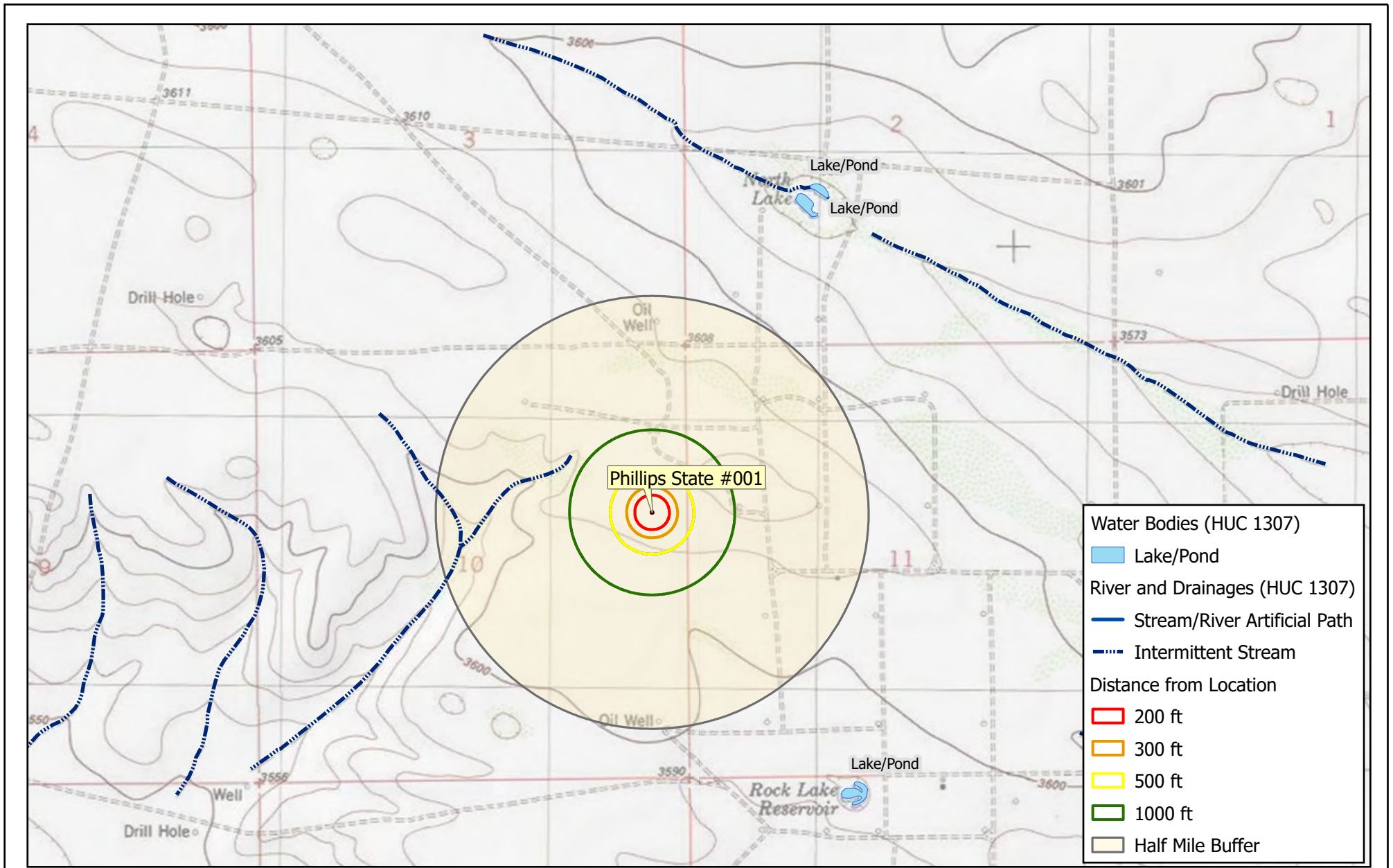
Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Depth-To-Water Map from Open File Report - 95.

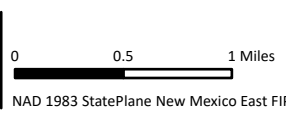
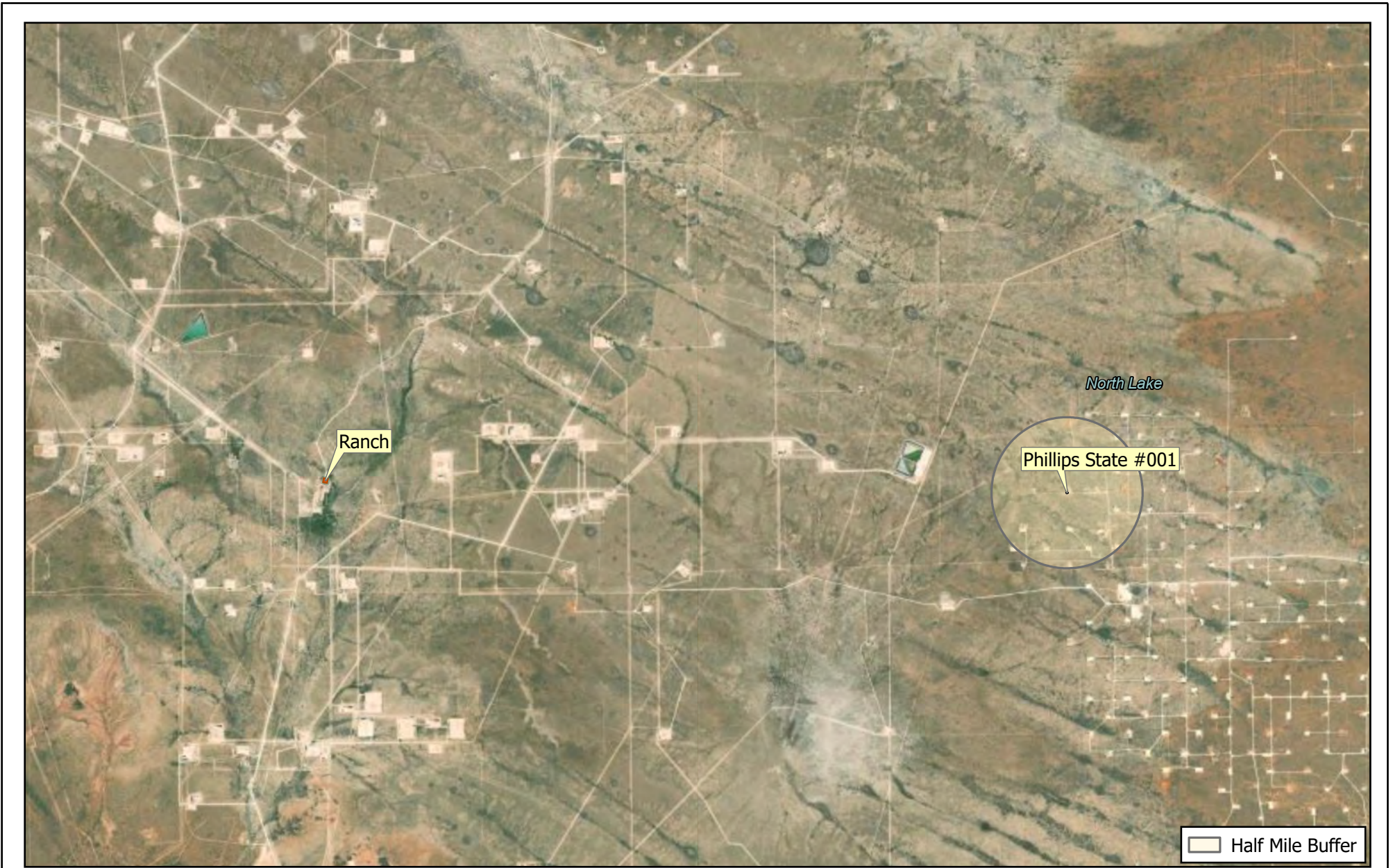


	Map Center: Lat/Long: 32.41009°N, 103.346319°W Date: Jun 14/25		Surface Water Phillips State #1	PLATE: 3	K&M Resources
	0 1,000 2,000 ft NAD 1983 StatePlane New Mexico East FIPS 3001 Feet				

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



Map Center:
 Lat/Long: 32.412797°N, 103.39015°W
 Date: Jun 14/25



**Nearest Occupied Structures
 Phillips State #1**

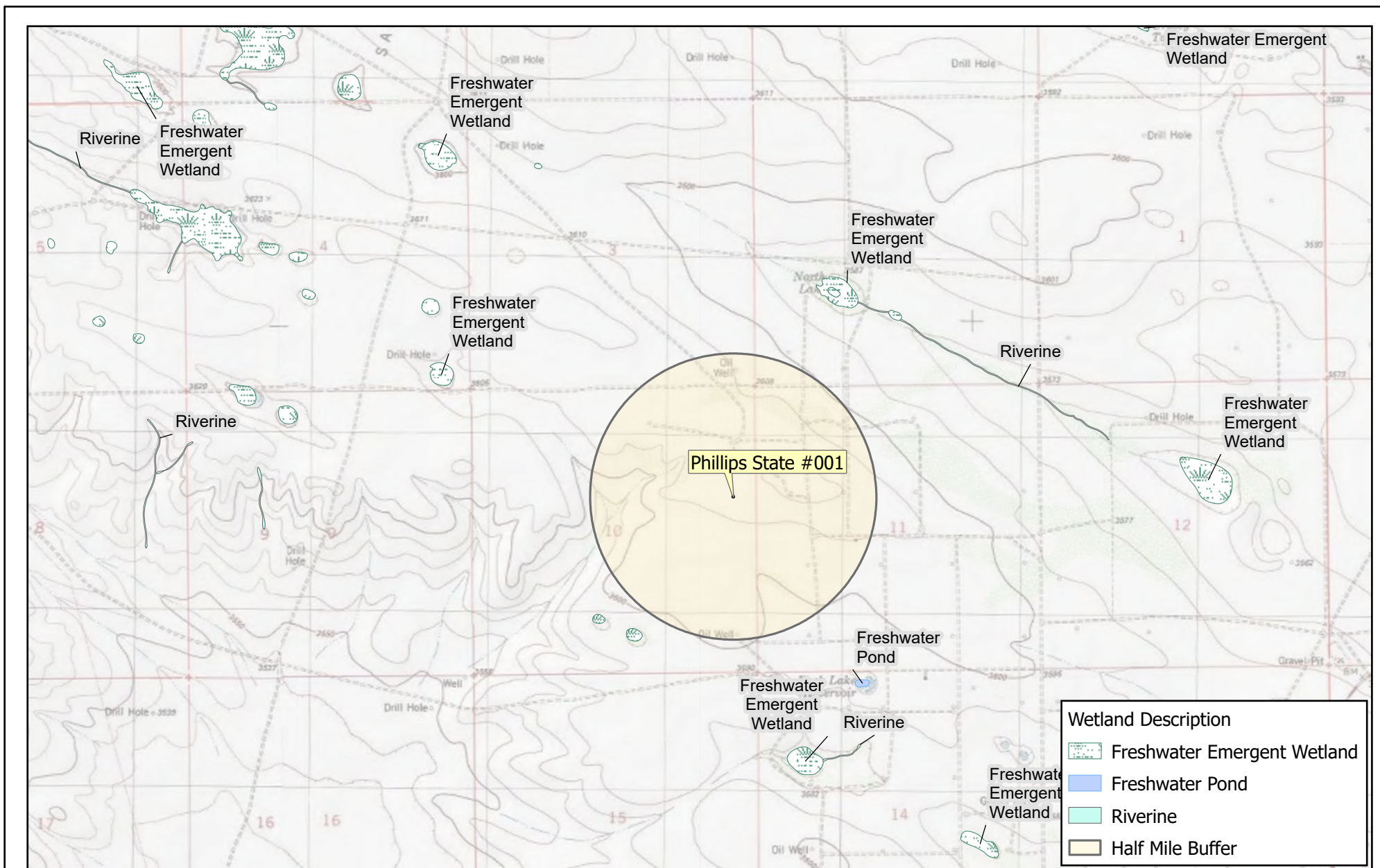
PLATE:
4

**K&M
 Resources**

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

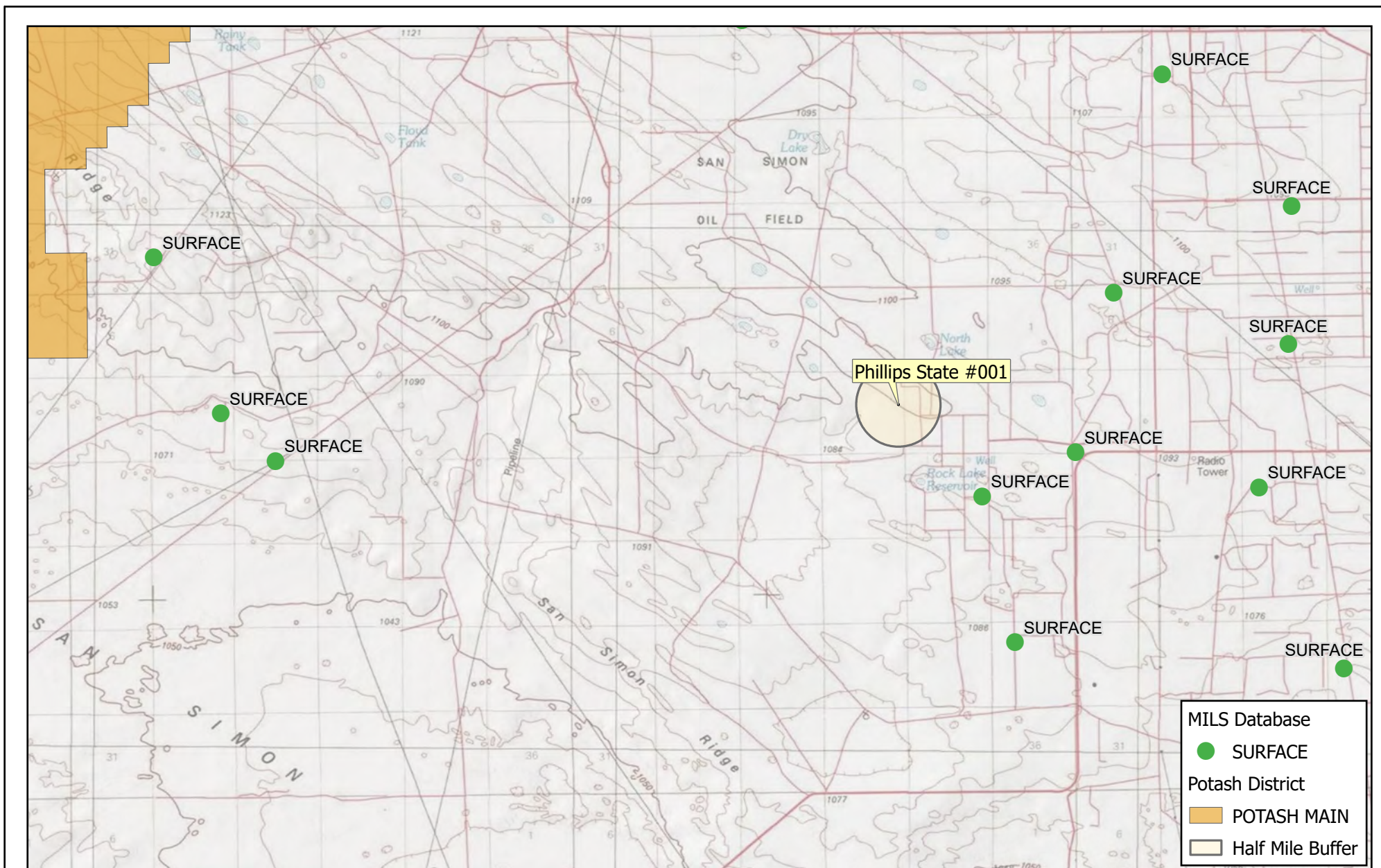
VERSATILITY. EXPERTISE.





	Map Center: Lat/Long: 32.410345°N, 103.350182°W Date: Jun 14/25		Wetlands Phillips State #1		PLATE: 5	K&M Resources
	0 1,500 3,000 ft NAD 1983 StatePlane New Mexico East FIPS 3001 Feet					

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VERSATILITY. EXPERTISE.

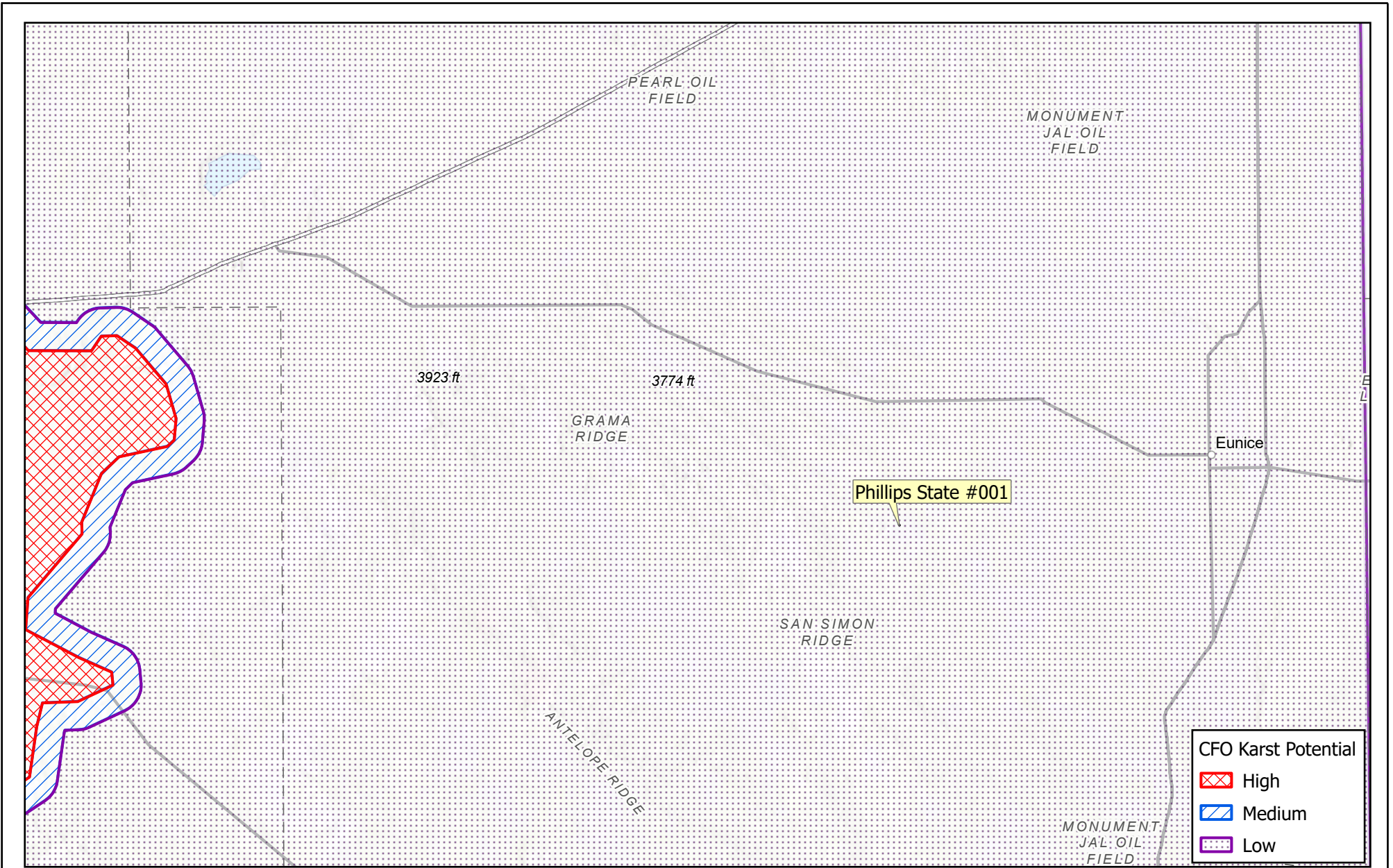


	<p>Map Center: Lat/Long: 32.400657°N, 103.388781°W</p> <p>Date: Jun 14/25</p> <p>NAD 1983 StatePlane New Mexico East FIPS 3001 Feet</p>		<p>Mines and Minerals Phillips State #1</p>		<p>PLATE:</p>	<p>K&M Resources</p>
					<p>0 2,000 4,000 ft</p>	

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.

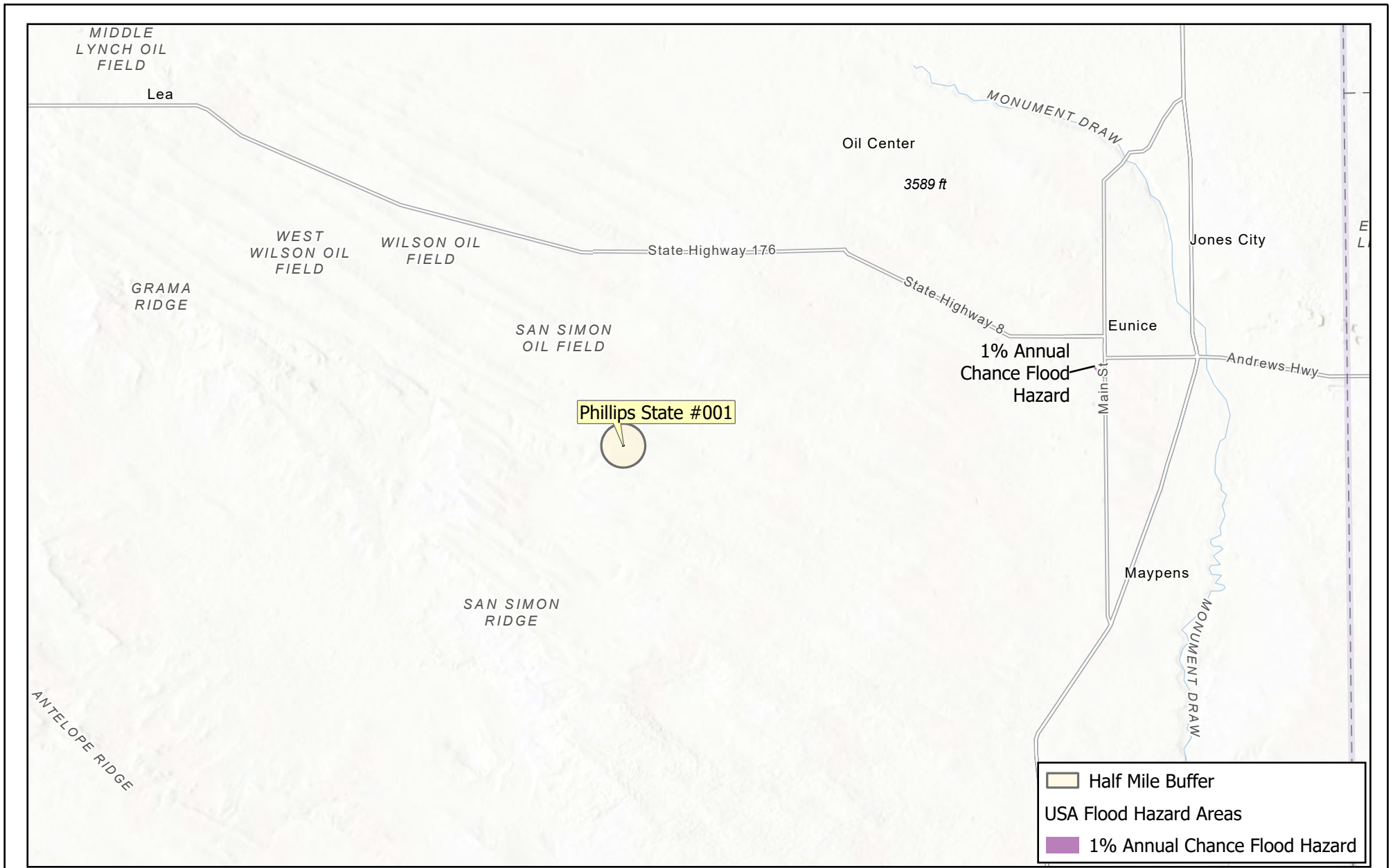


	0 2 4 Miles NAD 1983 StatePlane New Mexico East FIPS 3001 Feet	Map Center: Lat/Long: 32.450083°N, 103.469982°W Date: Jun 14/25		Karst Potential Phillips State #1	PLATE:	K&M Resources
					7	

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Note: Georeferenced image from Esri, 2025. Site features from GPS, Vertex, 2025.

VERSATILITY. EXPERTISE.



	Map Center: Lat/Long: 32.407657°N, 103.318583°W		Flood Hazard Phillips State #1	PLATE:	K&M Resources
	Date: Jun 16/25			8	

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Appendix C

Well Logs



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

475984

Section 1. GENERAL INFORMATION

(A) Owner of well Merchant Livestock Company Owner's Well No. _____
Street or Post Office Address Box 1115
City and State Emilio, NM 88231

Well was drilled under Permit No. CP-753 and is located in the:
a. _____ ¼ _____ ¼ NE ¼ NE ¼ of Section 14 Township 22S Range 35 N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor W. L. VanNoy License No. WD_208
Address P.O. Box 7, Oil Center, NM 88266
Drilling Began 7-11-90 Completed 7-18-90 Type tools Cable Size of hole 10 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 215 ft.
Completed well is shallow artesian. Depth to water upon completion of well 185 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
195	210	15	water bearing sand	23

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
5"	PVC		0	215			201	211

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

STATE ENGINEER OFFICE
SANTA FE NEW MEXICO
90 SEP 7 AM 10 02

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received July 23, 1990
Quad _____ FWL _____ FSL _____
File No. CP-753 Use STOCK Location No. 22.35.14.22131

Appendix D

Biological Review



Printable Reports			
Agency	Report	Result	
US Fish & Wildlife	Information for Planning and Consultation (IPaC)	-----	
	(Potentially) Endangered Species	3	
	Bald & Golden Eagles	0	
	Migratory Birds	0	
	Facilities	0	
	Wetlands	0	
Vertex "Habitats" GIS Map			
Agency	Layer	Result	
BLM	Special Status Plant and Wildlife Habitat	-----	
	Potential Habitat (Planning Area Only)	None	
	Dunes Sage Brush Lizard	None	
	Lesser Prairie Chicken	None	
	Lesser Prairie Chicken Timing Restriction	None	
	Natl Designated Areas of Critical Environmental Concern	None	
	NM Game and Fish	NM Crucial Habitat Assessment Tool (NM CHAT)	-----
		Crucial Habitat	4
Species of Concern		4	
Large Natural Areas		2	
Natural Vegetation		0/6	
Terrestrial SERI		3	
Aquatic SERI		6	
Fresh Water Integrity		5	
Weland and Riparian Areas		0/6	
NM State Wildlife Action Plan (SWAP) Macrogroups		Chihuahuan Desert Scrub	
NM Important Plant Areas		None	
Riparian Corridors		-----	
Upper Rio Grande		None	
Middle Rio Grande		None	
Canadian Upper Pecos	None		
Gila Region San Juan	None		
Lower Pecos Tularosa basin	None		
NM Riparian Corridor	None		
US Fish & Wildlife	Critical Habitat for Threatened and Endangered Species	None	
	NM Natural Heritage	Federal Threatened and Endangered (Fed T&E)	None
State Threatened and Endangered (State T&E)		None	
NM State Forestry	Important Plant Area (IPA)	None	

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Lea County, New Mexico



Local office

New Mexico Ecological Services Field Office

☎ (505) 346-2525

🏢 (505) 346-2542

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

[listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Lesser Prairie-chicken Tympanuchus pallidicinctus No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1924	Endangered
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
------	--------

Monarch Butterfly Danaus
plexippus

Proposed
Threatened

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

<https://ecos.fws.gov/ecp/species/9743>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The [data](#) in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and->

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior [authorization](#) by the Department of Interior U.S. Fish and Wildlife Service (FWS). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The FWS interprets the MBTA to prohibit incidental take.

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

The [data](#) in this location indicates that no migratory birds of concern have been observed in this area. This does not mean [birds of concern](#) are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the [Supplemental Information on Migratory Birds and Eagles document](#) to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

This location did not intersect any wetlands mapped by NWI.

NOTE: This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

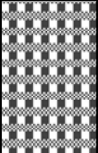

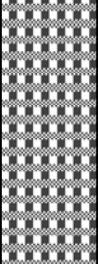
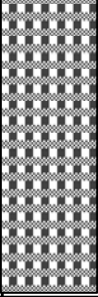
Data limitations


Appendix E



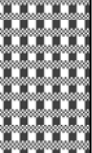
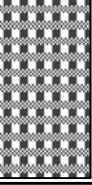

Soil Boring Logs

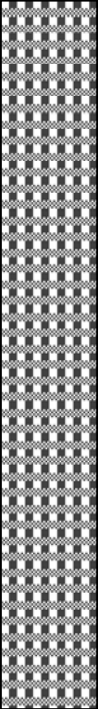

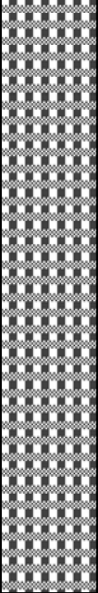



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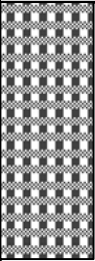


Logger:		John Rewis		Client:			K&M Resources LLC			Borehole ID:	
Driller:		Earth Worx Environmental		Project Name:			Phillips State #001			BH26-01	
Drilling Method:		Direct Push (Geoprobe)		Location:			32.408034, -103.347945				
Start Date:		2.10.2026		Borehole Completion							
End Date:		2.10.2026									
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)		
+1									+1		
+0.75									+0.75		
0.0	0 to 3 ft Caliche; Dark Gray; Moist; Hydrocarbon Odor		Sampled at 0 ft	810	464	20496		Bentonite	0.0		
1.0										1.0	
2.0			Sampled at 2 ft	2380	1330	<10.0			2.0		
3.0										3.0	
4.0	4 to 10 ft Claiche; Tan; Dry; No Odor		Sampled at 4 ft	1960	1470	27.9			4.0		
5.0			Macro-Core Refusal						5.0		
6.0			Sampled at 6	2360	-	-			6.0		
7.0										7.0	
8.0			Sampled at 6 ft	2069	-	-			8.0		
9.0										9.0	
10.0	10 to 18 ft Claiche; Reddish Tan; Dry ; No Odor		Sampled at 8 ft	2376	1340	108.7			10.0		
11.0										11.0	
12.0			Sampled at 12 ft	1842	-	-			12.0		
13.0										13.0	
14.0			Sampled at 14 ft	2091	-	-			14.0		
15.0										15.0	
16.0			Sampled at 16 ft	1756	1230	<10.0			16.0		
17.0										17.0	
18.0	Sampled at 18 ft	2128	-	-	18.0						

 3101 Boyd Drive Carlsbad, NM 88220	Lithologic Log	BH26-01
	Delineation Boreholes	2.10.2026

Logger:		John Rewis		Client:			K&M Resources LLC			Borehole ID:	
Driller:		Earth Worx Environmental		Project Name:			Phillips State #001			BH26-02	
Drilling Method:		Direct Push (Geoprobe)		Location:			32.408034, -103.347945				
Start Date:		2.10.2026		Borehole Completion							
End Date:		2.10.2026									
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)		
+1									+1		
+0.75									+0.75		
0.0	0 to 3 ft Caliche; Dark Gray; Moist; Odor		Sampled at 0 ft	382	224	12410		Bentonite	0.0		
1.0									1.0		
2.0			Sampled at 2 ft	2170	400	<10.0			2.0		
3.0									3.0		
4.0	4 to 7 ft Caliche; Tan; Dry; No Odor		Sampled at 4 ft	2965	1200	<10.0			4.0		
5.0									5.0		
6.0			Sampled at 6 ft	3092	1460	<10.0			6.0		
7.0									7.0		
8.0	8 to 12 ft Claiche; Reddish Tan; Dry; No Odor		Sampled at 8 ft	2807	-	-			8.0		
9.0			Macro- Core Refusal						9.0		
10.0			Sampled at 10 ft	2170	-	-			10.0		
11.0									11.0		
12.0			Sampled at 12 ft	2127	1390	<10.0	12.0				
 3101 Boyd Drive Carlsbad, NM 88220		Lithologic Log						BH26-02			
		Delineation Boreholes						2.10.2026			

Logger:		John Rewis			Client:			K&M Resources LLC			Borehole ID:	
Driller:		Earth Worx Environmental			Project Name:			Phillips State #001			BH26-03	
Drilling Method:		Direct Push (Geoprobe)			Location:			32.408034, -103.347945				
Start Date:		2.10.2026			Borehole Completion							
End Date:		2.10.2026										
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)			
+1									+1			
+0.75									+0.75			
0.0	0 to 2 ft Caliche; Tan; Dry; No Odor		Sampled at 0 ft	3502	1330	<10.0		Bentonite	0.0			
1.0			Sampled at 2 ft	2580	3680	<10.0			1.0			
2.0		Sampled at 4 ft	3291	2200	<10.0	2.0						
3.0		Macro- Core Refusal				3.0						
4.0	3 to 18 ft Caliche; Reddish Tan; Dry; No Odor		Sampled at 6 ft	3945	-	-			4.0			
5.0				Sampled at 8 ft	3710	-			-	5.0		
6.0				Sampled at 10 ft	4202	2720			<10.0	6.0		
7.0				Sampled at 12 ft	5284	-			-	7.0		
8.0				Sampled at 14 ft	3415	-			-	8.0		
9.0				Sampled at 16 ft	3931	-			-	9.0		
10.0				Sampled at 18 ft	4017	-			-	10.0		
11.0										11.0		
12.0										12.0		
13.0										13.0		
14.0						14.0						
15.0						15.0						
16.0						16.0						
17.0						17.0						
18.0						18.0						

 3101 Boyd Drive Carlsbad, NM 88220	Lithologic Log	BH26-03
	Delineation Boreholes	2.10.2026

Logger:		John Rewis		Client:			K&M Resources LLC			Borehole ID:	
Driller:		Earth Worx Environmental		Project Name:			Phillips State #001			BH26-04	
Drilling Method:		Direct Push (Geoprobe)		Location:			32.408034, -103.347945				
Start Date:		2.10.2026		Borehole Completion							
End Date:		2.10.2026									
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)		
+1									+1		
+0.75									+0.75		
0.0	0 to 6 ft Caliche; Brown, Dry, No Odor		Sampled at 0 ft	2238	1600	19		Bentonite	0.0		
1.0									1.0		
2.0			Sampled at 2 ft	992	416	19.2			2.0		
3.0									3.0		
4.0			Sampled at 4 ft	866	432	<10.0			4.0		
5.0									5.0		
6.0			Sampled at 6 ft	765	400	<10.0		6.0			
 3101 Boyd Drive Carlsbad, NM 88220		Lithologic Log						BH26-04			
		Delineation Boreholes						2.10.2026			

Logger:		John Rewis		Client:		K&M Resources LLC		Borehole ID:		BH26-05
Driller:		Earth Worx Environmental		Project Name:		Phillips State #001		Borehole Completion		
Drilling Method:		Direct Push (Geoprobe)		Location:		32.408034, -103.347945				
Start Date:		2.10.2026								
End Date:		2.10.2026								
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion		Depth (feet)	
+1									+1	
+0.75									+0.75	
0.0	0 to 1 ft Caliche; Medium Gray; Dry; Hydrocarbon Odor	[Checkered Lithology Pattern]	Sampled at 0 ft	800	208	275.8	[Red Hatched Lithology Pattern]	Bentonite	0.0	
1.0			Macro Core Refusal						1.0	
2.0			Sampled at 2 ft	1477	464	<10.0			2.0	
3.0									3.0	
4.0			Sampled at 4 ft	2414	992	<10.0			4.0	
5.0	2 to 8 ft Caliche; Tan; Dry, No Odor								5.0	
6.0			Sampled at 6 ft	2663	1820	<10.0			6.0	
7.0									7.0	
8.0			Sampled at 8 ft	4497	-	-			8.0	
9.0									9.0	
10.0			Sampled at 10 ft	4160	2400	<10.0			10.0	
11.0									11.0	
12.0			Sampled at 12 ft	4456	-	-			12.0	
13.0									13.0	
14.0			Sampled at 14 ft	3831	-	-			14.0	
15.0									15.0	
16.0	9 to 24 ft; Caliche; Reddish Tan; Dry; No Odor			Sampled at 16 ft	3619	-			-	16.0
17.0									17.0	
18.0			Sampled at 18 ft	2362	-	-			18.0	
19.0									19.0	
20.0			Sampled at 20 ft	2646	-	-			20.0	
21.0									21.0	
22.0									22.0	
23.0									23.0	
24.0			Sampled at 24 ft	1879	1020	<10.0	24.0			




3101 Boyd Drive
Carlsbad, NM 88220


Lithologic Log


Delineation Boreholes

BH26-05

2.10.2026

Logger: John Rewis		Client: K&M Resources LLC			Borehole ID: BH26-06				
Driller: Earth Worx Environmental		Project Name: Phillips State #001							
Drilling Method: Direct Push (Geoprobe)		Location: 32.408034, -103.347945							
Start Date: 2.10.2026									
End Date: 2.10.2026									
Depth (feet)	Description	Lithology	Comments	EC	Cl	TPH Ext.	Borehole Completion	Depth (feet)	
				(mS/cm)	(mg/kg)	(mg/kg)			
+1								+1	
+0.75								+0.75	
0.0	0 to 2 ft Caliche; Dark Gray; Dry; Hydrocarbon Odor		Sampled at 0 ft	1460	640	1065	Bentonite	0.0	
1.0			Macro-Core Refusal					1.0	
2.0			Sampled at 2 ft	881	432	7410		2.0	
3.0	3 to 8 ft Caliche; Tan; Dry; No Odor							3.0	
4.0			Sampled at 4 ft	1339	640	456		4.0	
5.0									5.0
6.0			Sampled at 6ft	3188	544	42.1		6.0	
7.0								7.0	
8.0			Sampled at 8 ft	1386	336	<10.0		8.0	
9.0	9 to 20 ft Caliche; Reddish Tan; Dry; No Odor							9.0	
10.0			Sampled at 10 ft	1022	160	<10.0		10.0	
11.0									11.0
12.0			Sampled at 12 ft	1044	-	-		12.0	
13.0									13.0
14.0			Sampled at 14 ft	868	-	-		14.0	
15.0									15.0
16.0			Sampled at 16 ft	870	-	-		16.0	
17.0						17.0			
18.0			Sampled at 18 ft	813	-	-		18.0	
19.0								19.0	
20.0			Sampled at 20 ft	804	1310	<10.0	20.0		
 3101 Boyd Drive Carlsbad, NM 88220		Lithologic Log				BH26-06			
		Delineation Boreholes				2.10.2026			

 3101 Boyd Drive Carlsbad, NM 88220	Lithologic Log	Borehole Name
	Project Name	Date

Logger:		John Rewis		Client:		K&M Resources LLC		Borehole ID:		BG26-01	
Driller:		Earth Worx Environmental		Project Name:		Phillips State #001					
Drilling Method:		Direct Push (Geoprobe)		Location:		32.408034, -103.347945					
Start Date:		2.10.2026									
End Date:		2.10.2026									
Depth (feet)	Description	Lithology	Comments	EC (mS/cm)	Cl (mg/kg)	TPH Ext. (mg/kg)	Borehole Completion	Depth (feet)			
+1								+1			
+0.75								+0.75			
0.0			Sampled at 0 ft	101	32	<10.0	Bentonite	0.0			
1.0	0 to 2 ft Silty Sand; Brown; Dry; No Odor		Macro-Core Refusal					1.0			
2.0			Sampled at 2 ft	340	96	<10.0		2.0			
3.0								3.0			
4.0	3 to 5 ft Caliche; Tan; Dry; No Odor		Sampled at 4 ft	1272	128	<10.0		4.0			
5.0								5.0			
6.0			Sampled at 6ft	643	160	<10.0		6.0			
7.0								7.0			
8.0								8.0			
9.0								9.0			
10.0	6 to 14 ft Caliche; Reddish Tan; Dry; No Odor		Sampled at 10 ft	692	-	-		10.0			
11.0								11.0			
12.0								12.0			
13.0								13.0			
14.0			Sampled at 14 ft	718	176	<10.0	14.0				
 3101 Boyd Drive Carlsbad, NM 88220		Lithologic Log					BG26-01				
		Delineation Boreholes					2.10.2026				

Appendix F

Daily Field Reports



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

Daily Site Visit Report



Field Notes

8:01 Completed JSA on arrival. On site for initial site assessment.

8:58 Identified release area around tanks inside earthen berm containment. Rainwater present in battery from overnight precipitation.

9:02 Mapped edges of crude oil release with Juniper Geode gps unit. Release area appeared to be inside containment area in proximity to the west 3 tanks.

11:30 Photographed native vegetation off edges of pad.

Next Steps & Recommendations

1



Daily Site Visit Report

Site Photos

Viewing Direction: Southwest



*Descriptive Photo - 1
Viewing Direction: Southwest
Scene: Northwest of tank battery facing southwest.
Created: 6/4/2025 8:27:19 AM
Lat:32.407806, Long:-103.348183*

Northeast of tank battery facing southwest.

Viewing Direction: South



*Descriptive Photo - 2
Viewing Direction: South
Scene: North of tanks facing southwest.
Created: 6/4/2025 8:44:44 AM
Lat:32.407806, Long:-103.348183*

North of tanks facing southwest.

Viewing Direction: South



*Descriptive Photo - 3
Viewing Direction: South
Scene: North of tanks facing south.
Created: 6/4/2025 8:46:17 AM
Lat:32.407806, Long:-103.348183*

North of tanks facing south.

Viewing Direction: Southwest



*Descriptive Photo - 4
Viewing Direction: Southwest
Scene: North of tanks facing southwest.
Created: 6/4/2025 8:48:57 AM
Lat:32.407806, Long:-103.348221*

North of tanks facing southeast.



Daily Site Visit Report



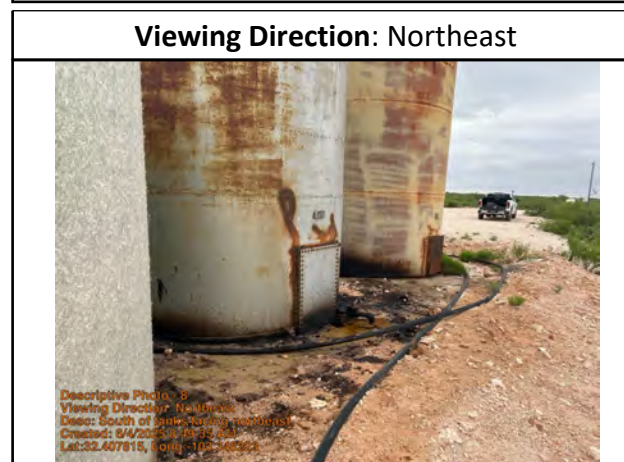
North of tanks facing south.



Northwest of tanks facing east.



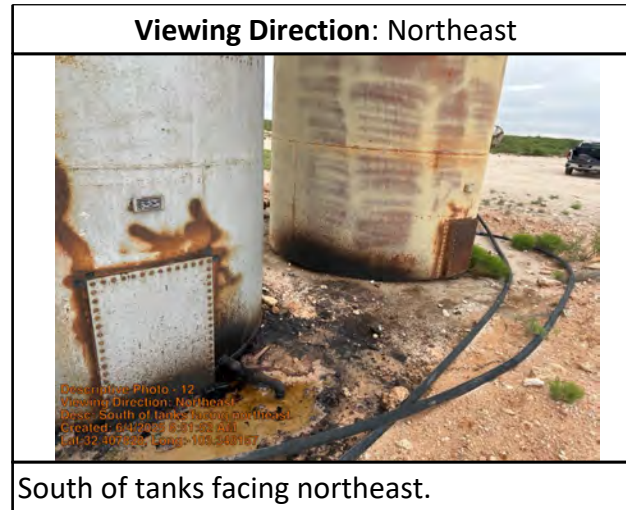
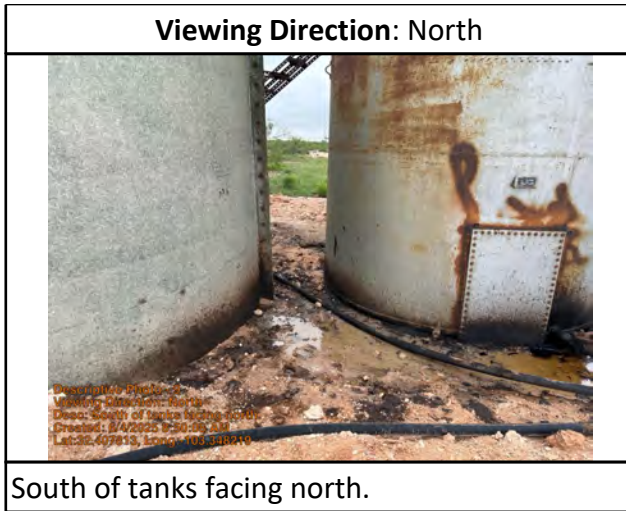
Northwest of tanks facing southeast.



South of tanks facing northeast.

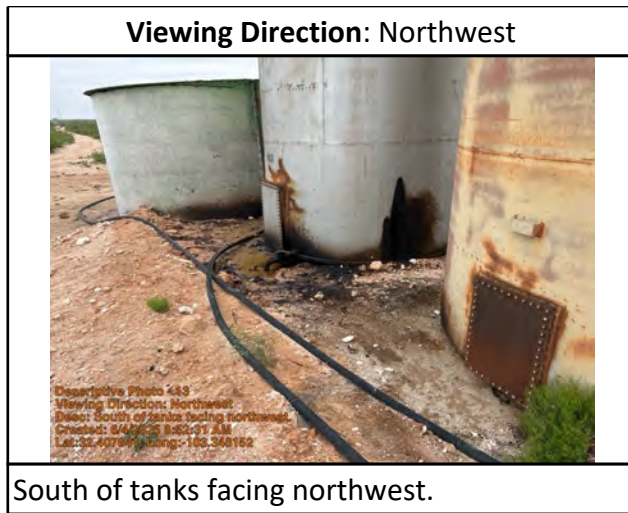


Daily Site Visit Report

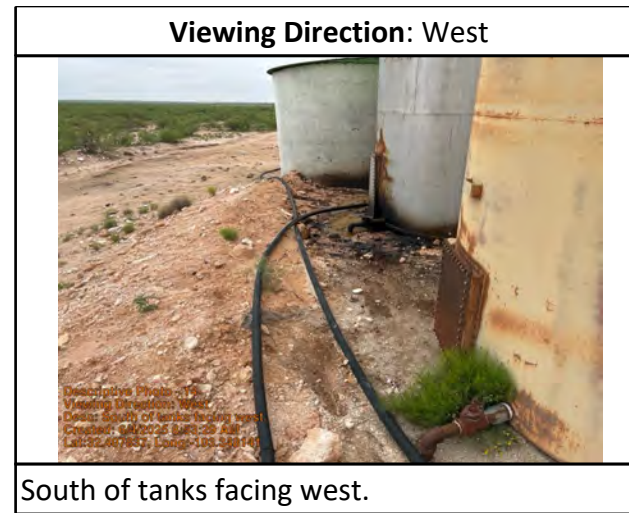




Daily Site Visit Report



South of tanks facing northwest.



South of tanks facing west.



North of tanks facing west. Asphalt base visible on north side of battery.




South of pad and lease road facing southwest into undisturbed pasture.



Daily Site Visit Report


Viewing Direction: South



Descriptive Photo - 17
 Viewing Direction: South
 Desc: South of pad and lease road facing south into undisturbed pasture.
 Created: 5/6/2025 11:22:29 AM
 Lat:32.407714, Long:-103.347909

South of pad and lease road facing south into undisturbed pasture.


Viewing Direction: Southeast



Descriptive Photo - 18
 Viewing Direction: Southeast
 Desc: South of pad and lease road facing southeast into undisturbed pasture.
 Created: 5/6/2025 11:22:45 AM
 Lat:32.407714, Long:-103.347909

South of pad and lease road facing southeast into undisturbed pasture.


Viewing Direction: Northeast



Descriptive Photo - 19
 Viewing Direction: Northeast
 Desc: East of pad facing northeast into undisturbed pasture.
 Created: 5/6/2025 11:22:29 AM
 Lat:32.408166, Long:-103.347909

East of pad facing northeast into undisturbed pasture.

Viewing Direction: East

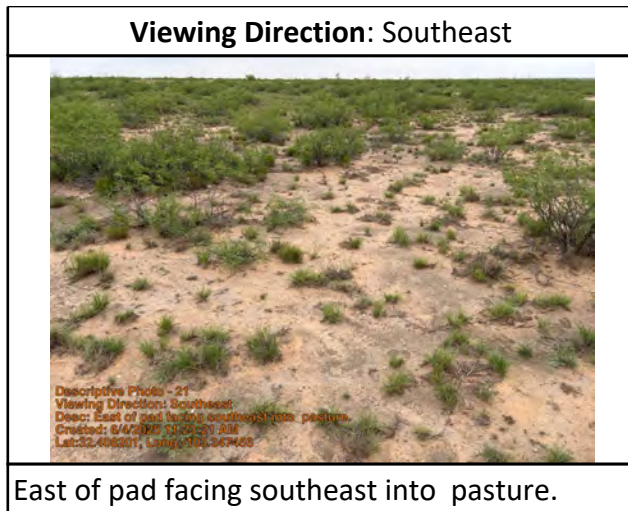


Descriptive Photo - 20
 Viewing Direction: East
 Desc: East of pad facing east into undisturbed pasture.
 Created: 5/6/2025 11:22:30 AM
 Lat:32.408166, Long:-103.347909

East of pad facing east into undisturbed pasture.



Daily Site Visit Report



Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client:	<u>K&M Resources LLC</u>	Incident ID #:	_____
Site Location Name:	<u>Phillips State 001</u>	API #:	_____
Inspection Date:	<u>6/4/2025</u>		_____

Summary of Times

Arrived at Site	<u>6/4/2025 8:00 AM</u>
Departed Site	<u>6/4/2025 9:30 AM</u>

Daily Site Visit Report



Field Notes

9:27 JSA completed with tank battery release assessment. On site to document abandoned tank east of pad.

9:29 Identified tank, treater, pipes, valves, various steel trash/debris and a motor/belt shield in the pasture east of the pad. The tank and treater were laying on their sides.

9:30 Mapped approximate location of tank, treater, and debris.

Next Steps & Recommendations

1



Daily Site Visit Report

Site Photos

Viewing Direction: East



Description Photo - 1
Viewing Direction: East
Date: East of pad facing east. Treater, tank, and various pipes/valves in pasture
Created: 5/13/2026 4:12:24 AM
Lat: 32.692168, Long: -103.347149

East of pad facing east. Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: Southeast



Description Photo - 2
Viewing Direction: Southeast
Date: East of pad facing southeast. Treater, tank, and various pipes/valves in pasture
Created: 5/13/2026 4:12:42 AM
Lat: 32.692168, Long: -103.347149

East of pad facing southeast. Treater, tank, and various pipes/valves/debris in pasture east of pad.



Daily Site Visit Report

Viewing Direction: South



Descriptive Photo - 3
Viewing Direction: South
Desc: East of pad facing south. Treater, tank, and various pipes/valves/debris
Created: 6/4/2025 9:15:04 AM
Lat:32.406126, Long:-103.347560

East of pad facing south . Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: Southwest



Descriptive Photo - 4
Viewing Direction: Southwest
Desc: East of pad facing southwest. Treater, tank, and various pipes/valves/debris
Created: 6/4/2025 9:15:10 AM
Lat:32.406126, Long:-103.347563

East of pad facing southwest. Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: West



Descriptive Photo - 5
Viewing Direction: West
Desc: East of pad facing west. Treater, tank, and various pipes/valves/debris in
Created: 6/4/2025 9:16:04 AM
Lat:32.407267, Long:-103.347567

East of pad facing west. Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: Northwest



Descriptive Photo - 6
Viewing Direction: Northwest
Desc: East of pad facing northwest. Treater, tank, and various pipes/valves/debris
Created: 6/4/2025 9:16:43 AM
Lat:32.407269, Long:-103.347564

East of pad facing northwest. Treater, tank, and various pipes/valves/debris in pasture east of pad.



Daily Site Visit Report

Viewing Direction: North



Descriptive Photo - 7
Viewing Direction: North
Owner: East of pad facing north. Treater, tank, and various pipes/valves/debris in
Created: 5/4/2025 9:17:35 AM
Lat:32.407855, Long: -103.147845

East of pad facing north. Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: Northeast



Descriptive Photo - 8
Viewing Direction: Northeast
Owner: East of pad facing northeast. Treater, tank, and various pipes/valves/debris
Created: 5/4/2025 9:17:57 AM
Lat:32.408104, Long: -103.147872

East of pad facing northeast. Treater, tank, and various pipes/valves/debris in pasture east of pad.

Viewing Direction: Southwest



Descriptive Photo
Viewing Direction: Southwest
Owner: Northeast of tank battery facing southwest.
Created: 5/4/2025 9:36:35 AM
Lat:32.407855, Long: -103.148007

Northeast of tank battery facing southwest.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Lakin Pullman

Signature:

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



Daily Site Visit Report

Client: K&M Resources LLC Incident ID #: _____
Site Location Name: Phillips State 001 API #: _____
Inspection Date: 8/11/2025 _____

Summary of Times

Arrived at Site 8/11/2025 7:45 AM
Departed Site 8/11/2025 4:05 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

- 15:32** Arrived on site and completed safety paperwork, coordinating with construction crew.
Crew began hand digging within battery containment.
- 15:59** Crew digging around tanks were reaching caliche layer and having difficulty digging.

Next Steps & Recommendations

- 1** Continue to address state orders on pad.



Daily Site Visit Report

Site Photos

Viewing Direction: Southwest



Site Info Photo - 1
Viewing Direction: Southwest
Date: 5/11/2025 3:28:19 PM
Location: Phillips State #1
Lea County, New Mexico

Site information placard

Viewing Direction: West



Site Info Photo - 2
Viewing Direction: West
Date: Beginning of excavation of material around
tanks
Location: Phillips State #1
Lea County, New Mexico

Beginning of excavation of material around tank batteries

Viewing Direction: North



Site Info Photo - 3
Viewing Direction: North
Date: Beginning of excavation of material around tank batteries
Location: Phillips State #1
Lea County, New Mexico

Beginning of excavation of material around tank batteries

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Stephanie McCartyM

Signature:

A handwritten signature in black ink, appearing to read 'Steph M', written over a faint horizontal line. The signature is stylized and cursive. There are some grey pixelated artifacts to the right of the signature.

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

15:22 Completed safety paperwork on site

15:23 On site to continue removing surface scrape and abandon equipment.

15:24 Hydrovac on site daylighting unmarked underground flow lines

15:41 Unmarked underground flow line that runs west on south side battery is approximately 3' bgs

Next Steps & Recommendations

1 Continue cleaning Phillips state 1 and 2



Daily Site Visit Report

Site Photos

Viewing Direction: North



Wellhead scrape

Viewing Direction: North



Wellhead scrape

Viewing Direction: South



Wellhead scrape

Viewing Direction: South



Wellhead scrape



Daily Site Visit Report



Removed asphaltic material from inside tank battery



Removed asphaltic material from inside tank battery



Removed asphaltic material from inside tank battery



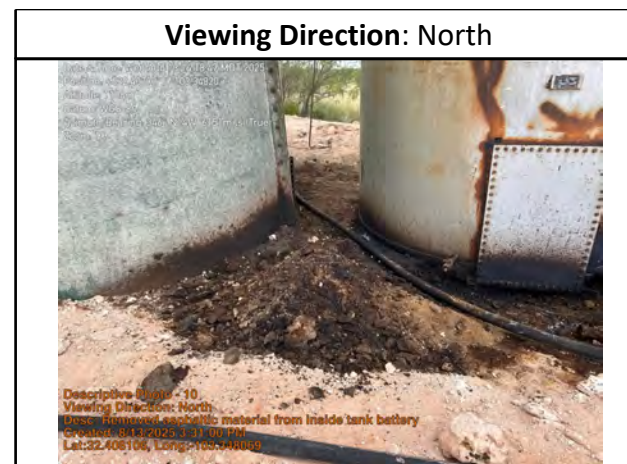
Removed asphaltic material from inside tank battery



Daily Site Visit Report



Removed asphaltic material from inside tank battery



Removed asphaltic material from inside tank battery



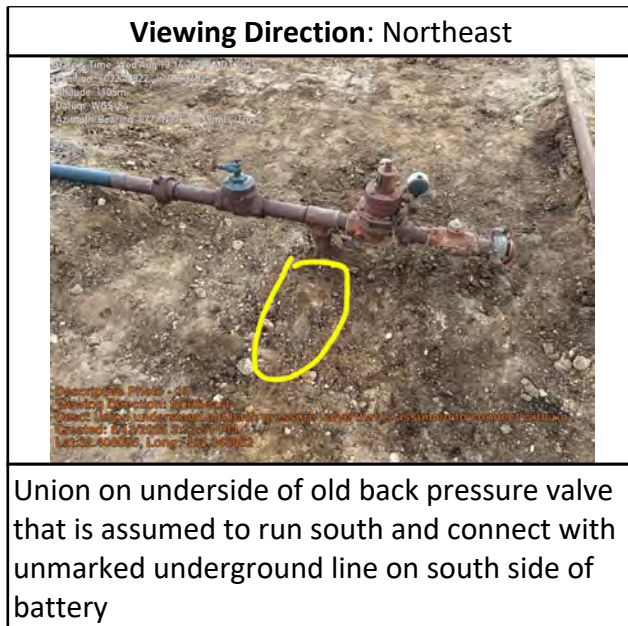
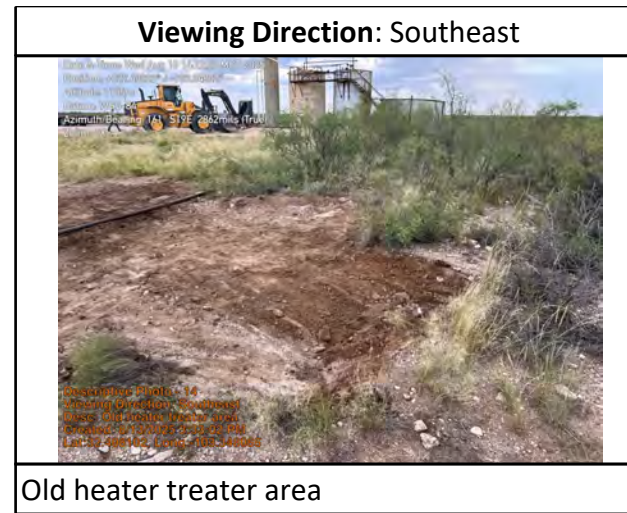
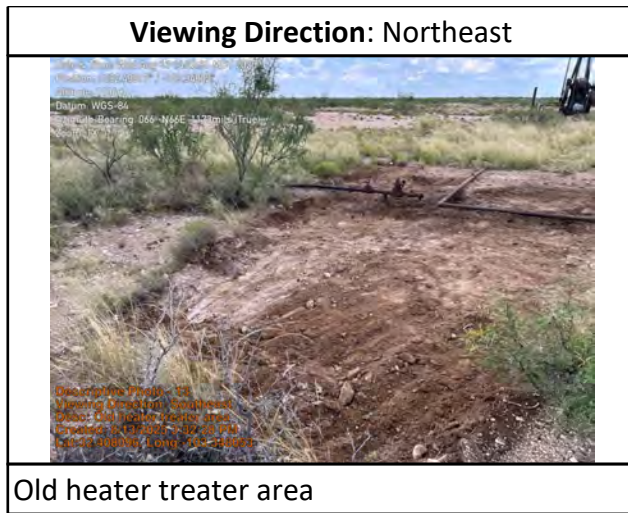
Old heater treater area



Old heater treater area



Daily Site Visit Report





Daily Site Visit Report

Viewing Direction: West

Unmarked line off meter run

Photo Time: Wed Aug 13 12:45:43 PM MDT 2025
 Position: 4032.40798, -103.34811
 Altitude: 1105m
 Datum: WGS-84
 Azimuth/Bearing: 139, S31E, 266m from
 Zoom: 1X
 Description Photo: 17
 Viewing Direction: West
 Desc: Unmarked line off meter run
 Created: 8/13/2025 3:05:43 PM
 Lat: 32.40798, Long: -103.348046

Viewing Direction: East

Unmarked line off meter run, runs west to edge of tank battery and assumed to 90° north and go to old heater treater.

Photo Time: Wed Aug 13 12:45:43 PM MDT 2025
 Position: 4032.40798, -103.34811
 Altitude: 1105m
 Datum: WGS-84
 Azimuth/Bearing: 078, N78E, 138m from
 Zoom: 1X
 Description Photo: 18
 Viewing Direction: East
 Desc: Unmarked line off meter run, runs west to edge of tank battery and assumed
 Created: 8/13/2025 3:05:43 PM
 Lat: 32.40798, Long: -103.348046

Viewing Direction: Southeast

Cleaned under loadout valve

Photo Time: Wed Aug 13 12:45:43 PM MDT 2025
 Position: 4032.40798, -103.34811
 Altitude: 1105m
 Datum: WGS-84
 Azimuth/Bearing: 139, S31E, 266m from
 Zoom: 1X
 Description Photo: 19
 Viewing Direction: Southeast
 Desc: Cleaned under loadout valve
 Created: 8/13/2025 3:37:24 PM
 Lat: 32.40798, Long: -103.348046

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH', written over a horizontal line.

Signature

Daily Site Visit Report



Site Sketch

Site Sketch



Daily Site Visit Report

Field Notes

- 13:16** Completed safety paperwork on site
- 13:16** On site to continue removal of scrape material and debris
- 13:17** Removed approximately 4" of scrape of release around middle tank
- 13:17** Valves on middle tank either still leaking or bottom of tank is leaking.
Fluid returns to low spot after removal.
- 13:21** Removed scrape material from site.

Next Steps & Recommendations

- 1** Confirmation sample



Daily Site Visit Report

Site Photos

Viewing Direction: Southwest



West side before scrape

Viewing Direction: East



West side before scrape west DCP line

Viewing Direction: East



West side before scrape near road

Viewing Direction: West



West side before scrape, closer to battery



Daily Site Visit Report



West side before scrape, closer to battery



West side of battery after scrape



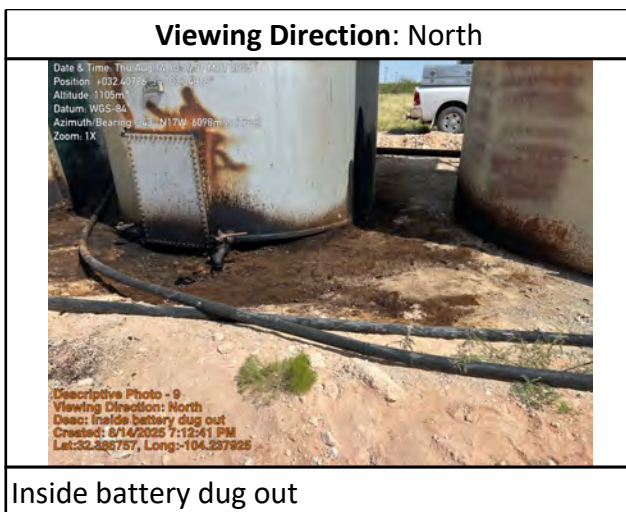
West side of scrape west of battery



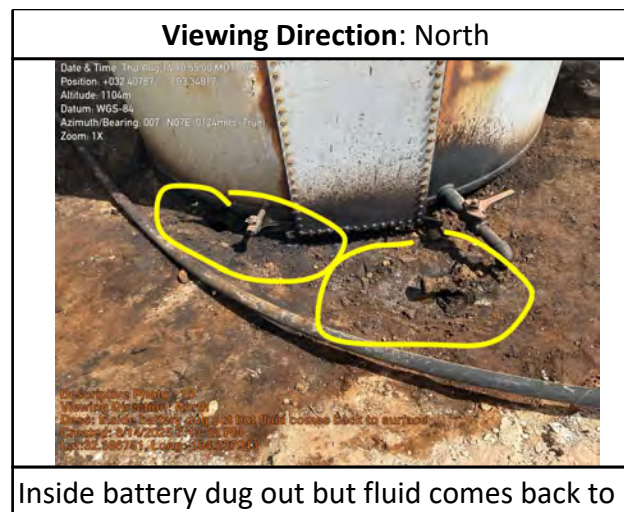
Inside battery dug out



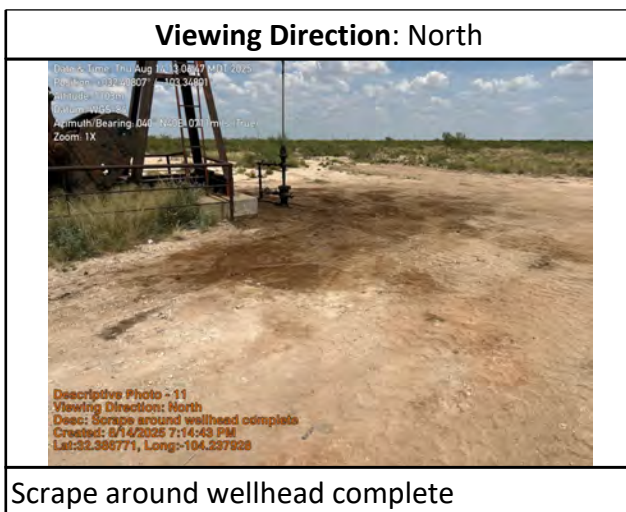
Daily Site Visit Report



Inside battery dug out



Inside battery dug out but fluid comes back to surface



Scrape around wellhead complete



Scrape around wellhead complete



Daily Site Visit Report

Viewing Direction: West

Photo ID: View: Direction: West
 Path: 4351-2597 / 4351-2597
 Altitude: 7350
 Azimuth: 270
 Camera: 1080 x 720
 Created: 5/14/2025 7:16:19 PM
 Lat: 32.395748, Long: -104.237842

Scrape around wellhead complete

Viewing Direction: South

Photo ID: View: Direction: South
 Path: 4351-2597 / 4351-2597
 Altitude: 7350
 Azimuth: 180
 Camera: 1080 x 720
 Created: 5/14/2025 7:16:23 PM
 Lat: 32.395748, Long: -104.237842

Scrape around wellhead complete

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH', written over a horizontal line.

Signature



Daily Site Visit Report

Client: K&M Resources LLC Incident ID #: _____
Site Location Name: Phillips State 001 API #: _____
Inspection Date: 8/15/2025 _____

Summary of Times

Arrived at Site 8/15/2025 8:00 AM
Departed Site 8/15/2025 5:29 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

- 16:33 Completed safety paperwork on site
- 16:33 Confirmation sampling scrapes and rebuilding earth berm around battery
- 16:34 Assessing legacy pit

Next Steps & Recommendations

- 1 Send samples to lab



Daily Site Visit Report

Site Photos

Viewing Direction: East



West side of site where pad meets legacy pit to north, looking east

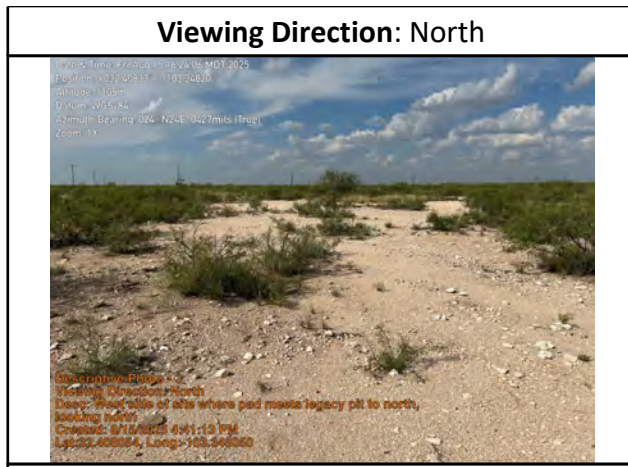
Viewing Direction: Northeast



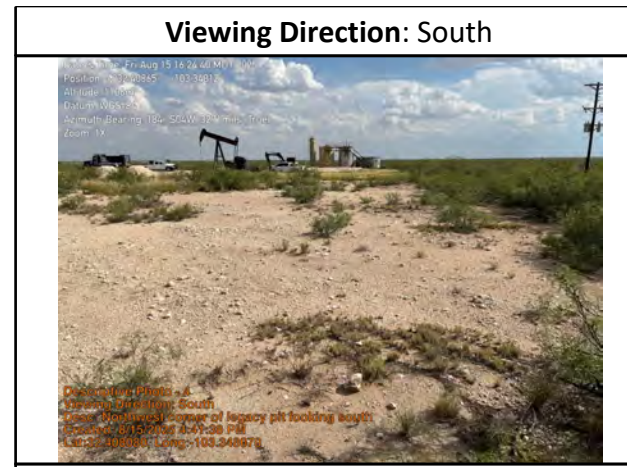
West side of site where pad meets legacy pit to north, looking northeast



Daily Site Visit Report



West side of site where pad meets legacy pit to north, looking north



Northwest corner of legacy pit looking south



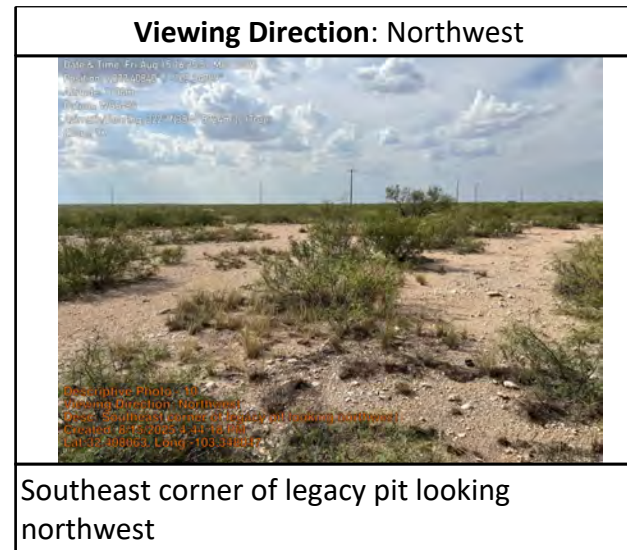
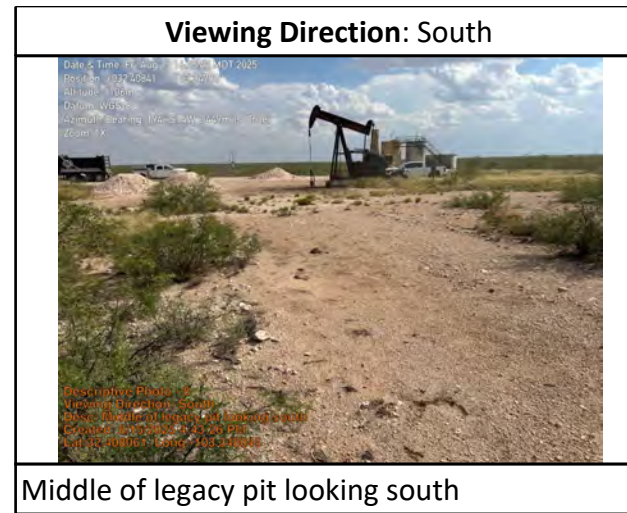
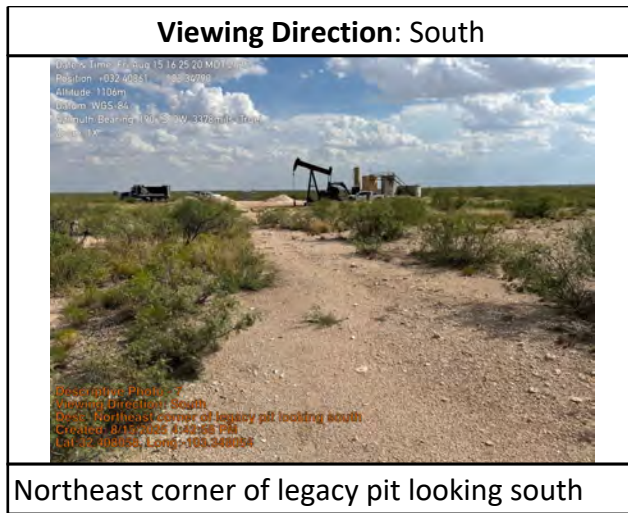
Northwest corner of legacy pit looking southeast



Northeast corner of legacy pit looking southwest

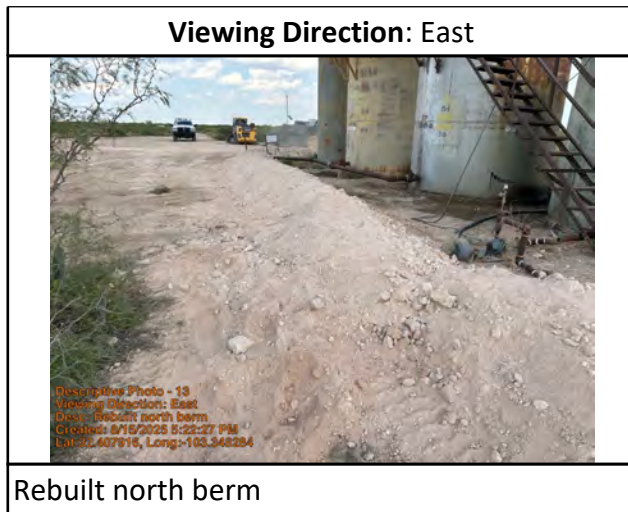
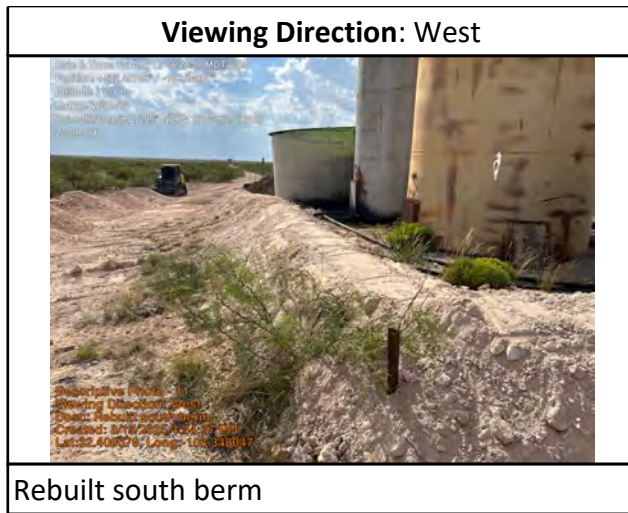


Daily Site Visit Report





Daily Site Visit Report





Daily Site Visit Report

Viewing Direction: West

BS25-01 at .25' bgs in road area behind tank battery

Viewing Direction: West

BS25-02 at .25' bgs in road area behind tank battery

Viewing Direction: Northeast

BS25-03 at .25' bgs on west side of battery

Viewing Direction: East

**BS25-04 on south side of tanks.
Sample at .25 and 1' bgs.
Hit refusal rock layer at 1'.**



Daily Site Visit Report

Viewing Direction: East

Descriptive Photo - 19
Viewing Direction: East
Desc: BS25-05 on north side of tanks.
Sample at .25 and 1' bgs.
Hit refusal rock layer at 1'.
Created: 5/15/2025 5:15:23 PM
Lat:32.408062, Long:-103.348066

BS25-05 on north side of tanks.
Sample at .25 and 1' bgs.
Hit refusal rock layer at 1'.

Viewing Direction: Northeast

Descriptive Photo - 20
Viewing Direction: Northeast
Desc: BS25-06 at .25, AA bgs on south side of wellhead and pump jack.
Created: 5/15/2025 5:16:23 PM
Lat:32.408077, Long:-103.348119

BS25-06 at .25' bgs on south side of wellhead and pump jack.

Viewing Direction: Northwest

Descriptive Photo - 21
Viewing Direction: Northwest
Desc: BS25-07 at .25, AA bgs on north side of pump jack and wellhead.
Created: 5/15/2025 5:18:12 PM
Lat:32.408066, Long:-103.348066

BS25-07 at .25' bgs on north side of pump jack and wellhead

Viewing Direction: Southwest

Descriptive Photo - 22
Viewing Direction: Southwest
Desc: BS25-08 at .25, AA bgs on East side of former heater treater area.
Created: 5/15/2025 5:19:00 PM
Lat:32.408062, Long:-103.348066

BS25-08 at .25' bgs on East side of former heater treater area



Daily Site Visit Report

Viewing Direction: Southeast



BS25-09 at .25' bgs on west side of former heater treater area

Viewing Direction: North



Staged backfill approximately 40 yards

Daily Site Visit Report



Daily Site Visit Signature

Inspector: Austin Harris

Signature:

A handwritten signature in black ink, appearing to be 'AH', written over a horizontal line.

Signature



Daily Site Visit Report

Client: K&M Resources LLC Incident ID #: _____
Site Location Name: Phillips State 001 API #: _____
Inspection Date: 2/10/2026 _____

Summary of Times

Arrived at Site 2/10/2026 8:15 AM
Departed Site 2/10/2026 4:09 PM

Daily Site Visit Report



Site Sketch

Site Sketch

Daily Site Visit Report



Field Notes

- 19:03** Completed safety paperwork and held a safety brief with Louis from Earth Works as well as Travis from K&M Resources upon arrival to the site. On site to delineate areas of disturbance using a geoprobe. A backhoe was utilized to help bring down the earthen berms and provide access to the geoprobe. The berms were restored post delineation activities.
- 19:12** The following sample points hit refusal using the Macro-Core attachments and was swapped out with an auger attachment to continue drilling:
 - BH26-01 at 4ft bgs.
 - BH26-03 at 8ft bgs.
 - BH26-04 at 4ft bgs.
 - BH26-06 at 0ft bgs.
 - BG26-01 at 0ft bgs.
- 19:03** Collect BH26-01 through BH26-06, and BG26-01 at various intervals. All samples collected were field screened for chlorides using an E/C meter and silver nitrate titration.
- 19:13** Samples that met NMOCD closing criteria were jarred in preparation to be sent to the laboratory for further analysis.
- 6:52** All boreholes were filled in with bentonite prior to departing the site.

Next Steps & Recommendations

1



Daily Site Visit Report

Site Photos

Viewing Direction: East



Geoprobe inside the containment at sample point BH26-01.

Viewing Direction: North



Core from BH26-01 at 0ft bgs.

Viewing Direction: North



Core from BH26-01 at 0ft bgs.

Viewing Direction: North



Core from BH26-01 at 2ft bgs



Daily Site Visit Report

Viewing Direction: North

Descriptive Photo - 1
 Viewing Direction: North
 Desc: Core from BH26-01 at 4ft bgs
 Created: 2/10/2026 7:23:48 PM
 Lat:32.386790, Long:-103.227901

Core from BH26-01 at 4ft bgs.

Viewing Direction: North

Descriptive Photo - 1
 Viewing Direction: North
 Desc: Core from BH26-02 at 0ft bgs
 Created: 2/10/2026 7:23:48 PM
 Lat:32.386780, Long:-103.227902

Core from BH26-02 at 0ft bgs.

Viewing Direction: North

Descriptive Photo - 1
 Viewing Direction: North
 Desc: Core from BH26-02 at 2ft bgs
 Created: 2/10/2026 7:23:48 PM
 Lat:32.386780, Long:-103.227901

Core from BH26-02 at 2ft bgs.

Viewing Direction: North

Descriptive Photo - 1
 Viewing Direction: North
 Desc: Core from BH26-02 at 4ft bgs
 Created: 2/10/2026 7:23:48 PM
 Lat:32.386787, Long:-103.227902

Core from BH26-02 at 4ft bgs.



Daily Site Visit Report

Viewing Direction: North

Date & Time: Tue Feb 10 13:36:09 MST 2026
Position: +032.40796° / -103.34773°
Altitude: 105m
Datum: WGS-84
Azimuth/Bearing: 177.897W / 103.34773°
Zoom: 11

Descriptive Photo - 9
Viewing Direction: North
Base: Core from BH26-02 at 6ft bgs.
Created: 2/10/2026 7:26:31 PM
Lat:32.385187, Long:-103.347935

Core from BH26-02 at 6ft bgs.

Viewing Direction: North

Descriptive Photo - 10
Viewing Direction: North
Base: Core from BH26-02 at 8ft bgs.
Created: 2/10/2026 7:26:38 PM
Lat:32.385887, Long:-103.237924

Core from BH26-02 at 8ft bgs.

Viewing Direction: North

Date & Time: Tue Feb 10 13:36:09 MST 2026
Position: +032.40797° / -103.34798°
Altitude: 1104m
Datum: WGS-84
Azimuth/Bearing: 177.897W / 103.34798°
Zoom: 11

Descriptive Photo - 11
Viewing Direction: North
Base: Core from BH26-02 at 10ft bgs.
Created: 2/10/2026 7:27:37 PM
Lat:32.385184, Long:-104.237936

Core from BH26-02 at 10ft bgs.

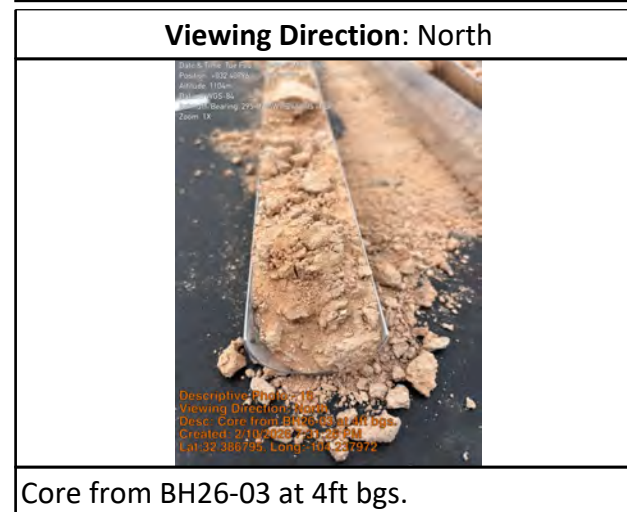
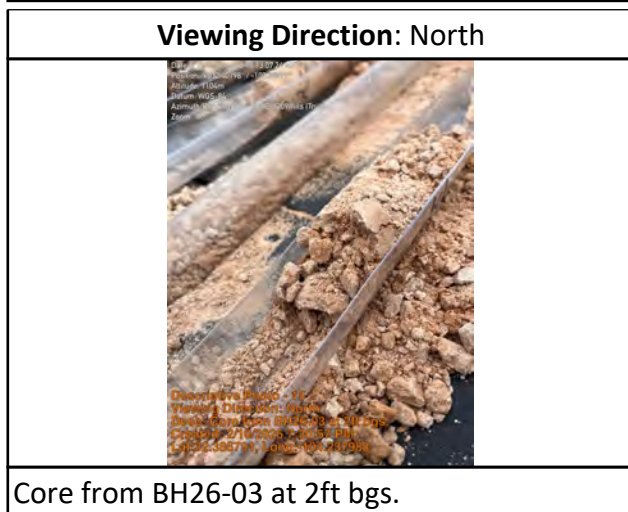
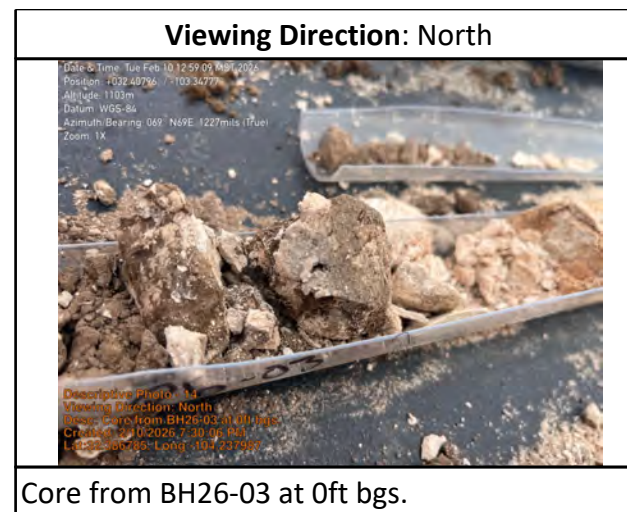
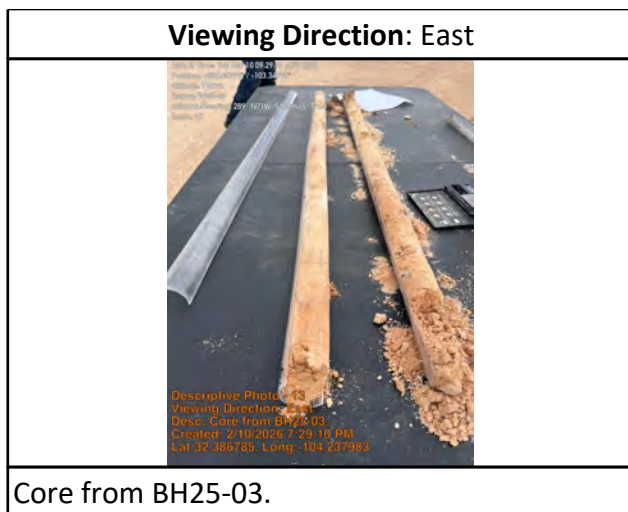
Viewing Direction: North

Descriptive Photo - 12
Viewing Direction: North
Base: Core from BH26-02 at 12ft bgs.
Created: 2/10/2026 7:28:09 PM
Lat:32.386781, Long:-104.236006

Core from BH26-02 at 12ft bgs.



Daily Site Visit Report





Daily Site Visit Report

Viewing Direction: East



Geoprobe at BH26-03.

Viewing Direction: North



Geoprobe at BH26-06.

Daily Site Visit Report



Daily Site Visit Signature

Inspector: John Rewis

Signature:

Signature 

Appendix G

SLO-ECO Communications



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

From: travis.herron@mail.com
To: [Andrew Parker](#)
Subject: Fwd: K&M -30-025-28548- PHILLIPS STATE #001- E0-1932-0001 - Tank Removal
Date: Tuesday, May 6, 2025 12:46:39 PM
Attachments: [image002.png](#)
[image004.png](#)
[image001.png](#)
[image003.png](#)

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Sent using the mail.com mail app

On 4/29/25 at 3:16 PM, Knight, Tami C. wrote:

From: "Knight, Tami C." <tknight@nmslo.gov>
Date: April 29, 2025
To: "travis.herron@mail.com" <travis.herron@mail.com>
Cc: "Heltman, Elaine G." <eheltman@nmslo.gov> ,
"Bisbey-Kuehn, Elizabeth A." <ebisbeykuehn@nmslo.gov> ,
"Biernoff, Ari" <abiernoff@nmslo.gov>
Subject: K&M -30-025-28548- PHILLIPS STATE #001- E0-1932-0001 - Tank Removal
Travis

ECO has been made aware of abandoned equipment located at K&M's 30-025-28548- PHILLIPS STATE #001, 32.4080734,-103.3478394. This equipment needs to be removed. Additionally there have been releases from the tanks in the southwest corner of the well pad and from around the wellhead that have not been reported or remediated. Please work with ECO on correcting the damage to State Trust Land. Our guidance documents are found here: <https://www.nmstatelands.org/resources/forms-and-applications/> under ECO drop down and if you need a list of consultants that can help you with this work please let me know.



We look forward to working with you,

Tami Knight, CHMM

Environmental Specialist

Environmental Compliance Office

505.670 1638

New Mexico State Land Office

tknight@nmslo.gov

nmstatelands.org



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From: travis.herron@mail.com
To: [Andrew Parker](#)
Subject: Fwd: Complaint Regarding Spills at Phillips State #001
Date: Friday, May 2, 2025 2:49:26 PM

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Sent using the mail.com mail app

On 5/1/25 at 3:49 PM, Bisbey-Kuehn, Elizabeth A. wrote:

From: "Bisbey-Kuehn, Elizabeth A." <ebisbeykuehn@nmslo.gov>

Date: May 1, 2025

To: "travis.herron@mail.com" <travis.herron@mail.com>

Cc: "Griffin, Becky R." <bgriffin@nmslo.gov> ,

"Heltman, Elaine G." <eheltman@nmslo.gov> ,

"Biernoff, Ari" <abiernoff@nmslo.gov>

Subject: Complaint Regarding Spills at Phillips State #001

Travis, we received a complaint of an active spill at Phillips State #001 today. Below are pictures of the spill and location information. We need someone to immediately cease the active spill, contain the release, and submit a spill notification to the State Land Office (and OCD if not reported to date).

Please confirm receipt of this email, and let me know the timing of getting onsite and getting the spill contained. Once contained, you'll need to follow ECO's standard process for remediating the spill.

Let me know if you have any questions.

Liz





Sent from my iPhone

NAPP2512246943 PHILLIPS STATE #001 @ 30-025-28548

General Incident Information

Site Name: PHILLIPS STATE #001
Well: [\[30-025-28548\]](#) PHILLIPS STATE #001
Facility:
Operator: [\[330662\]](#) K&M RESOURCES LLC
Status: Cancellation Request Approved, Cancelled
Type: Oil Release **Severity:**
Surface Owner: State
District: Hobbs **County:** Lea (25)
Incident Location: H-10-22S-35E 1980 FNL 330 FEL
Lat/Long: 32.4078467,-103.3482106 NAD83
Directions:

Notes

Source of Referral: Industry Rep **Action / Escalation:**
Resulted In Fire: **Resulted In Injury:**
Endangered Public Health: **Will or Has Reached Watercourse:**
Fresh Water Contamination: **Property Or Environmental Damage:**

Contact Details

Contact Name: **Contact Title:**

Event Dates

Date of Discovery: 05/01/2025 **Initial C-141 Report Due:** 5/16/2025
Remediation Closure Report Due: 07/30/2025

Incident Dates

Type	Action	Received	Denied	Approved
Cancellation Request		05/10/2025		05/12/2025
Notification	[458025]	05/02/2025		05/02/2025

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Incident Materials

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
Corrosion	Production Tank	Crude Oil	<input type="checkbox"/>	1	1	0	BBL

Cause	Source	Material	Volume			Units
			Unk.	Released	Recovered	
The concentration of dissolved chloride in the produced water >10,000 mg/l:			<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

Incident Events

Date	Detail
05/13/2025	An application [461524] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141C] Request to Cancel the Notification of a Release The operator was emailed confirmation of this event.
05/13/2025	The (05/13/2025, C-141C) application [461524] was assigned to this incident.
05/12/2025	K&M Resources LLC asks to retract the NOR for Incident NAPP2512246943). Release did not meet the 5 bbls threshold for a minor release. Volume calculation showed that the release was only 3.3 bbls. The cancellation has been completed.
05/12/2025	K&M Resources LLC respectfully asks NMOCD to retract the Notice of Release for Incident ID nAPP2512246943 (PHILLIPS STATE #001 @ 30-025-28548). Upon further assessment the release volume was determined to be less than 5 bbls. Per 19.15.29 NMAC, release volumes less than 5 bbls are not reportable. Regardless of the volume, K&M Resources will remediate the release per 19.15.29.8 NMAC and restore the surface to an active tank battery for active oil and gas operations. In addition, K&M will remediate the spill according to New Mexico State Land Office – Environmental Compliance Office (SLO-ECO) Spill and Reporting Guidelines and State Trust Lands 19.2.100.66.B.(4) NMAC, (a) All new spills shall be treated and cleaned up immediately. All surface affected by such spills and leaks shall be reclaimed. Reclamation of the area involved shall be implemented in consultation with the state land office. (b) All spills shall be reported in accordance with the regulations of the oil conservation division. The volume calculation show that the release is 3.3 bbls. The volume calculation, site map, and photo of the release is attached.. If remedial activities indicate the release is greater than 5 bbls or if unknown volume is determined, a new Notice of Release will be submitted to NMOCD and SLO-ECO.
05/02/2025	The (05/02/2025, NOR) application [458025] was assigned to this incident.
05/02/2025	New incident created by the operator, upon the submission of notification of release.
05/01/2025	Release discovered by the operator.

From: [SLO Spills](#)
To: [Andrew Parker](#)
Cc: travis.herron@mail.com; [Austin Harris](#)
Subject: RE: (Sampling Notice) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions
Date: Thursday, August 14, 2025 10:40:10 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image011.png](#)
[image012.png](#)
[image013.png](#)
[image014.png](#)
[image015.png](#)

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Approved

Tami C. Knight, CHMM
 Senior Environmental Scientist
 Environmental Compliance Office
 Mobile: 505.670.1638
tknight@nmslo.gov
nmstatelands.org

In field: August 14
OOO: August 15

.....

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From: Andrew Parker <aparker@vertexresource.com>
Sent: Thursday, August 14, 2025 9:41 AM
To: SLO Spills <spills@nmslo.gov>
Cc: Knight, Tami C. <tknight@nmslo.gov>; travis.herron@mail.com; [Austin Harris](#) <aharris@vertexresource.com>
Subject: [EXTERNAL] (Sampling Notice) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

SLO-ECO:

Excavation of impacted soils and removal of abandoned equipment is proceeding faster than

anticipated. Therefore, on the behalf of K&M Resources, Vertex respectfully asks for the approval to proceed with soil sampling for characterization and confirmation. We proposed a sampling date for Friday August 15th at 8am. We anticipate that select soil samples will exceed TPH concentrations for on-site closure criteria. The laboratory soil sample results will help direct a revised remediation plan.

We look forward to SLO-ECO's approval of the sampling notice.

Thank you,

Andrew Parker

Senior Project Manager
Vertex Resource Services Inc.
3101 Boyd Drive,
Carlsbad, NM 88220

Cell: 575.689.7007
Office: 575.725.5001

www.vertexresource.com

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From: travis.herron@mail.com <travis.herron@mail.com>

Sent: Monday, July 21, 2025 5:18 PM

To: Knight, Tami C. <tknight@nmslo.gov>

Cc: Heltman, Elaine G. <eheltman@nmslo.gov>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Biernoff, Ari <abiernoff@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; Andrew Parker <aparker@vertexresource.com>

Subject: Re: RE: (Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

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Thanks Tami,

We understand and agree to these conditions of approval.

On 6/18/25 at 1:04 PM, Knight, Tami C. wrote:

From: "Knight, Tami C." <tknight@nmslo.gov>
Date: June 18, 2025

From: [Andrew Parker](#)
To: eco@nmslo.gov
Cc: [Travis Herron](#)
Subject: (Sampling Notification) K&M Resources Phillips State #1 (30-25-28548/nAPP2533038983)
Date: Tuesday, February 3, 2026 3:14:00 PM

SLO-ECO:

Please consider this email as the 3-day notice to commence borehole advancement and soil sampling at the above referenced location per the approved workplan. Activities will be occurring on February 10 through February 11th, 2026.

Thank you,

Andrew Parker
Senior Project Manager
Cell: 575.689.7007

Vertex Resource Services Inc.
3101 Boyd Drive,
Carlsbad, NM 88220
Office: 575.725.5001

www.vertexresource.com

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From: travis.herron@mail.com <travis.herron@mail.com>
Sent: Tuesday, November 18, 2025 10:23 AM
To: Knight, Tami C. <tknight@nmslo.gov>
Cc: Heltman, Elaine G. <eheltman@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>; Biernoff, Ari <abiernoff@nmslo.gov>; Andrew Parker <aparker@vertexresource.com>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>
Subject: Re: RE: (Revised Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

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Thanks again Tami,

The same on this one we do understand and agree to these conditions. will also submit spill report to NMOCD on this one as well.

On 11/12/25 at 10:43 AM, Knight, Tami C. wrote:

| From: "Knight, Tami C." <tknight@nmslo.gov>

Date: November 12, 2025
 To: "Andrew Parker" <aparker@vertexresource.com>
 Cc: "Heltman, Elaine G." <eheltman@nmslo.gov>,
 "Biernoff, Ari" <abiernoff@nmslo.gov>,
 "Bisbey-Kuehn, Elizabeth A." <ebisbeykuehn@nmslo.gov>,
 "travis.herron@mail.com" <travis.herron@mail.com>,
 "David, Deon W." <ddavid@nmslo.gov>
 Subject: RE: (Revised Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

RE: 30-25-28548 (Active)/K&M Resources; Phillips State #1; E019320001/ CONOCOPHILLIPS COMPANY

Part of Conoco-Taprock Lease Assignment.

Incident #: Pending

ROE #: Not applicable

Remediation Workplan Received: October 31, 2025

Workplan Status: **Approved with Conditions**

Details regarding the workplan review are provided in the table below. The lessee and/or their contractor are responsible for ensuring that the project manager and field personnel performing the work follow the approved work plan. Please respond to this email by November 18, 2025, that you understand and agree to the conditions of approval.

General Scope of Work Topics Addressed in Remediation Workplan In Detail	Included/Approved	Not Included/Not Approved	Not Required
NMOCD Record Review	Included	Original incident NAPP2512246943 was cancelled with OCD because release was less than 5 bbls; however, impacts discovered are a reportable volume to NMOCD (>10-12 cy). This must be reported to NMOCD	
Historical Aerial Review with Areas of Concern Identified	Included		
CPP/Bio Statements	Included		
	Included; Part of Conoco-Taprock Lease Assignment. Leases must be in		

Site Characterization/Closure Criteria	good standing; therefore, top 4 ft must meet most stringent remediation criteria.		
Site assessment/delineation plans or results	ECO agrees with vertical delineation of areas of concern, NMOCD does not need to approve the continued site delineation activities		
Remediation Method Detailed	ECO is open to in-situ remediation once we receive all the necessary data and treatment specifications. Note, NMOCD will need to approve this approach also.		
Sampling Protocol	Included		
Reclamation Workplan/Discussion			Active site not required at this time; will be required for any remediation excavation
Schedule of Implementation	Included; ECO anticipates receiving the complete remediation workplan no later than March 13, 2026		

**The conclusions of this workplan review are based on the documentation provided by the submitter. ECO may conduct a field verification of the information provided, though it is not obligated to do so. In the event that field conditions or subsequent information reveal discrepancies, ECO may require additional corrective work.*

We appreciate the efforts being taken to remediate and reclaim State Trust Land.



Environmental Compliance Office

New Mexico State Land Office



eco@nmslo.gov

nmstatelands.org

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From: Andrew Parker <aparker@vertexresource.com>

Sent: Friday, October 31, 2025 2:34 PM

To: SLO Spills <spills@nmslo.gov>

Cc: travis.herron@mail.com

Subject: [EXTERNAL] (Revised Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - 10-31-2025

SLO-ECO:

The attached revised remediation plan for the Phillips State #1 asks for approval of the proposed boring/sampling plan for the evaluation of suspect impacted soils caused by oil and gas operations.

After evaluation of data collected during the boring/sampling program, we will consult with SLO-ECO during the selection process for remedial actions.

If SLO-ECO has any concerns with the proposed schedule, we respectfully ask SLO-ECO to contact us so we can work out a schedule that satisfies all interested stakeholders.

Thank you,

Andrew Parker

Senior Project Manager

Cell: 575.689.7007

Vertex Resource Services Inc.

3101 Boyd Drive,

Carlsbad, NM 88220

Office: 575.725.5001

www.vertexresource.com

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From: Andrew Parker

Sent: Thursday, September 4, 2025 10:23 AM

To: eco@nmslo.gov

Cc: travis.herron@mail.com; Steph McCarty ; Michael Moffitt

Subject: RE: (Summary Update) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

SLO-ECO:

Attached is a summary update of the work completed to date at the location referenced in the subject line. Please note that the attached includes both the Phillips State #1 and #2. A separate summary update will be submitted to the Phillips State #2.

The purpose of the summary update is to notify SLO-ECO that remediation has begun and that additional remediation is necessary and that a revised remediation plan is forthcoming.

Regards,

I will be out of the office from September 5th through September 15th. Please contact Michal Moffitt (575-988-2681) or Stephanie McCarty (575-361-9639) if you need immediate assistance.

Andrew Parker

Senior Project Manager
Vertex Resource Services Inc.
3101 Boyd Drive,
Carlsbad, NM 88220

Cell: 575.689.7007

Office: 575.725.5001

www.vertexresource.com

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From: SLO Spills <spills@nmslo.gov>

Sent: Thursday, August 14, 2025 10:40 AM

To: Andrew Parker <aparker@vertexresource.com>

Cc: travis.herron@mail.com; Austin Harris <aharris@vertexresource.com>

Subject: RE: (Sampling Notice) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

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Approved



Tami C. Knight, CHMM
Senior Environmental Scientist
Environmental Compliance Office
Mobile: 505.670.1638

 tknight@nmslo.gov
nmstatelands.org

In field: August 14
OOO: August 15

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From: Andrew Parker <aparker@vertexresource.com>
Sent: Thursday, August 14, 2025 9:41 AM
To: SLO Spills <spills@nmslo.gov>
Cc: Knight, Tami C. <tknight@nmslo.gov>; travis.herron@mail.com; Austin Harris <aharris@vertexresource.com>
Subject: [EXTERNAL] (Sampling Notice) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

SLO-ECO:

Excavation of impacted soils and removal of abandoned equipment is proceeding faster than anticipated. Therefore, on the behalf of K&M Resources, Vertex respectfully asks for the approval to proceed with soil sampling for characterization and confirmation. We proposed a sampling date for Friday August 15th at 8am. We anticipate that select soil samples will exceed TPH concentrations for on-site closure criteria. The laboratory soil sample results will help direct a revised remediation plan.

We look forward to SLO-ECO's approval of the sampling notice.

Thank you,

Andrew Parker

Senior Project Manager
Vertex Resource Services Inc.
3101 Boyd Drive,
Carlsbad, NM 88220

Cell: 575.689.7007

Office: 575.725.5001

www.vertexresource.com

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From: travis.herron@mail.com <travis.herron@mail.com>

Sent: Monday, July 21, 2025 5:18 PM

To: Knight, Tami C. <tknight@nmslo.gov>

Cc: Heltman, Elaine G. <eheltman@nmslo.gov>; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Biernoff, Ari <abiernoff@nmslo.gov>; David, Deon W. <ddavid@nmslo.gov>; Griffin, Becky R. <bgriffin@nmslo.gov>; Andrew Parker <aparker@vertexresource.com>

Subject: Re: RE: (Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - Approved with Conditions

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Thanks Tami,

We understand and agree to these conditions of approval.

On 6/18/25 at 1:04 PM, Knight, Tami C. wrote:

From: "Knight, Tami C." <tknight@nmslo.gov>
Date: June 18, 2025
To: "Andrew Parker" <aparker@vertexresource.com>
Cc: "David, Deon W." <ddavid@nmslo.gov>,
"Heltman, Elaine G." <eheltman@nmslo.gov>,

"Griffin, Becky R." <bgriffin@nmslo.gov>,
"travis.herron@mail.com" <travis.herron@mail.com>,
"Biernoff, Ari" <abiernoff@nmslo.gov>,
"Bisbey-Kuehn, Elizabeth A." <ebisbeykuehn@nmslo.gov>
Subject: RE: (Remediation Plan) K&M Resources Phillips State #1 - 30-25-28548 - Approved with
Conditions
Travis

Documentation of proposed remediation actions for the subject well site was received from your office on June 17, 2025. The NMSLO Environmental Compliance Office (ECO) has reviewed the plan, and based on the information provided in the document received from your office, ECO has approved the remediation plan with the following conditions:

1. This is an active well site, so the proposed remediation closure criteria for DTW of 51-100 ft is acceptable per NMOCD rules. However, this well will be flagged in NMSLO records as needing complete remediation (upper 4 ft must meet most stringent closure standards) should the well become part of a NMSLO lease transfer, or the well is sold by K&M, or the well is P&A'd.
2. All areas on the well pad that have soil impact or visible staining, regardless of volume, must be remediated per NMOCD and NMSLO rules. There appears to be issues around the wellhead and heater treater also. All asphaltenes must be removed from State Trust Land and confirmation samples must be collected in accordance with 19.15.29 NMAC, regardless of the volume removed.
3. Where abandoned equipment has caused vegetation to die back, the soil health must be assessed and the impacted area must be reseeded.

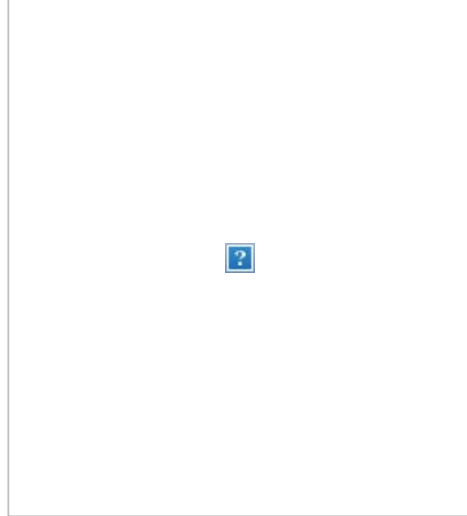
Please respond to this email that you understand and agree to the conditions of approval.

ECO would like to bring to K&M's attention other areas of concern that will need to be addressed if the well is sold, lease is transferred or well is P&A'd. It is our strong recommendation that K&M start on this work now.

- a. The pit scar to the north of the well pad is an area no longer reasonably needed for operation and production. Therefore, attention to the barren and stressed vegetation should be investigated and the area properly reclaimed. This will have to be done regardless during final P&A and reclamation. It would be beneficial to get this area taken

care of now, under an approved workplan to eco@nmslo.gov.

- b. Staining/spills are visible in historical aerial imagery around the wellhead and the heater treater. These areas need to be investigated and remediated as needed.



Please submit the remediation closure report to eco@nmslo.gov.

Lessee and/or their contractor are responsible for ensuring the project manager and field personnel performing the work follow the approved work plan.



Environmental Compliance Office
New Mexico State Land Office

  eco@nmslo.gov
nmstatelands.org

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From: Andrew Parker <aparker@vertexresource.com>
Sent: Tuesday, June 17, 2025 5:08 PM
To: SLO Spills <spills@nmslo.gov>
Cc: travis.herron@mail.com; Bisbey-Kuehn, Elizabeth A. <ebisbeykuehn@nmslo.gov>; Knight, Tami C. <tknight@nmslo.gov>
Subject: [EXTERNAL] (Remediation Plan) K&M Resources Phillips State #1 - 06-17-2025

SLO-ECO,

On the behalf of K&M Resources, Vertex Resource submits the attached remediation plan for the Phillips State #1 release as referenced in the below email. Upon SLO-ECO approval, we will commence remediation and general housekeeping activities as outlined in the proposed plan.

Please contact me with any questions.

Regards,

Andrew Parker

Senior Project Manager
Vertex Resource Services Inc.
3101 Boyd Drive,
Carlsbad, NM 88220

P 575.689.7007

www.vertex.ca

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From: travis.herron@mail.com <travis.herron@mail.com>
Subject: Fwd: Complaint Regarding Spills at Phillips State #001

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

Sent using the [mail.com](mailto:) mail app

On 5/1/25 at 3:49 PM, Bisbey-Kuehn, Elizabeth A. wrote:

From: "Bisbey-Kuehn, Elizabeth A." <ebisbeykuehn@nmslo.gov>

Date: May 1, 2025

To: "travis.herron@mail.com" <travis.herron@mail.com>

Cc: "Griffin, Becky R." <bgriffin@nmslo.gov>,

"Heltman, Elaine G." <eheltman@nmslo.gov>,

"Biernoff, Ari" <abiernoff@nmslo.gov>

Subject: Complaint Regarding Spills at Phillips State #001

Travis, we received a complaint of an active spill at Phillips State #001 today. Below are pictures of the spill and location information. We need someone to immediately cease the active spill, contain the release, and submit a spill notification to the State Land Office (and OCD if not reported to date).

Please confirm receipt of this email, and let me know the timing of getting onsite and getting the spill contained. Once contained, you'll need to follow ECO's standard process for remediating the spill.

Let me know if you have any questions.

Liz

Image removed by sender.

Image removed by sender.



Image removed by sender.



Sent from my iPhone

Andrew Parker

Senior Project Manager

Vertex Resource Services Inc.

Carlsbad, NM 88220

P 575.689.7007

C 575.689.7007

F

www.vertex.ca

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Appendix H

NMOCD Communications



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas

From: OCDOnline@state.nm.us
To: [Andrew Parker](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 530258
Date: Wednesday, November 26, 2025 10:50:12 AM

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

To whom it may concern (c/o Andrew Parker for K&M RESOURCES LLC),

The OCD has accepted the submitted *Notification of a legacy release* (NOR-LR), for incident ID (n#) nAPP2533038983, with the following conditions:

- **When submitting future reports regarding this legacy release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.**

This notification was recognized as a legacy release because the Discovery Date (06/10/1986) was submitted with a date prior to the 08/15/2018 rule change. If this was not your intent and you have submitted a notification with an incorrect Discovery Date (06/10/1986), please contact us using the email below.

Please reference nAPP2533038983, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the “RP” number. If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

From: OCDOnline@emnrd.nm.gov
To: [Andrew Parker](#)
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 530283
Date: Thursday, January 29, 2026 1:08:50 PM

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

To whom it may concern (c/o Andrew Parker for K&M RESOURCES LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2533038983, with the following conditions:

- **Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 04/27/2026.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Michael Buchanan
Environmental Specialist
505-490-0798
Michael.Buchanan@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505



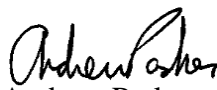
Date: November 26, 2025

Location: Phillips State #001
Incident #: nAPP2533038983

RE: Estimated Volume Calculation

The attached map shows four Areas of Interest (AOI). Preliminary characterization sampling of suspect historical releases indicate that a minimum of 180 cubic yards of subsurface material may have been impacted – yielding an estimated release volume of 181 barrels. The AOIs are pending further delineation; therefore, release volumes are only an estimate. Below is the estimated volume calculation.

Spill Dimensions to Volume of Release outside of Containment (not recovered)			
Input	volume of affected soil	[feet^3]	4831.00
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.60
Output	volume of fluid	[feet^3]	1014.5
		[gal]	7589.1
		Barrels	180.7


Andrew Parker
Senior Project Manager
Vertex Resource Services Inc
c: (575) 689-7007

From: OCDOnline@emnrd.nm.gov
To: [Andrew Parker](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 549983
Date: Tuesday, February 3, 2026 3:45:50 PM

Caution: This email is from an external sender. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department

To whom it may concern (c/o Andrew Parker for K&M RESOURCES LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2533038983.

The sampling event is expected to take place:

When: 02/10/2026 @ 08:30

Where: H-10-22S-35E 1980 FNL 330 FEL (32.4080734,-103.347839)

Additional Information: John Rewis. Cell: 505-860-3733

Additional Instructions: Coordinates:
32.408015, -103.347922

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Appendix I

Laboratory Certificates of Analyses



Vertex Resource Services, Inc.
Colorado • New Mexico • Texas



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

August 22, 2025

ANDREW PARKER
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: PHILLIPS STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 08/18/25 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 01 0.25' (H255103-01)

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	08/19/2025	ND	1.73	86.7	2.00	5.99	
Toluene*	<0.050	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	08/19/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	2890	10.0	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	963	10.0	08/19/2025	ND						

Surrogate: 1-Chlorooctane 81.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 155 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 02 0.25' (H255103-02)

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	08/19/2025	ND	1.73	86.7	2.00	5.99		
Toluene*	<0.050	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	08/19/2025	ND	432	108	400	3.77		

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	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND						

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.2 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 03 0.25' (H255103-03)

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	08/19/2025	ND	1.73	86.7	2.00	5.99		
Toluene*	<0.050	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	08/19/2025	ND	432	108	400	3.77		

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	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	<10.0	10.0	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	<10.0	10.0	08/19/2025	ND						

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.8 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 04 0.25' (H255103-04)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.73	86.7	2.00	5.99		
Toluene*	0.113	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25	GC-NC1	
Ethylbenzene*	0.444	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56	GC-NC1	
Total Xylenes*	2.52	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24	GC-NC1	
Total BTEX	3.08	0.300	08/19/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 198 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	08/19/2025	ND	432	108	400	3.77		

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*	349	100	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	36400	100	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	8050	100	08/19/2025	ND						

Surrogate: 1-Chlorooctane 180 % 44.4-145

Surrogate: 1-Chlorooctadecane 1330 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 04 1.0' (H255103-05)

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	08/19/2025	ND	1.73	86.7	2.00	5.99	
Toluene*	<0.050	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56	
Total Xylenes*	0.172	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24	GC-NC1
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	08/19/2025	ND	432	108	400	3.77	

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*	<100	100	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	7060	100	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	2950	100	08/19/2025	ND						

Surrogate: 1-Chlorooctane 73.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 450 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 05 0.25' (H255103-06)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.73	86.7	2.00	5.99		
Toluene*	0.187	0.050	08/19/2025	ND	1.78	89.2	2.00	6.25	GC-NC1	
Ethylbenzene*	0.962	0.050	08/19/2025	ND	1.77	88.7	2.00	6.56	GC-NC1	
Total Xylenes*	9.64	0.150	08/19/2025	ND	5.28	88.0	6.00	6.24	GC-NC1	
Total BTEX	10.8	0.300	08/19/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 263 % 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	304	16.0	08/20/2025	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*	520	100	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	13700	100	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	3310	100	08/19/2025	ND						

Surrogate: 1-Chlorooctane 199 % 44.4-145

Surrogate: 1-Chlorooctadecane 500 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 05 1.0' (H255103-07)

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	08/20/2025	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	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	469	10.0	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	190	10.0	08/19/2025	ND						

Surrogate: 1-Chlorooctane 86.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 145 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 06 0.25' (H255103-08)

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	08/19/2025	ND	1.83	91.4	2.00	7.17	
Toluene*	0.101	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93	GC-NC1
Ethylbenzene*	0.256	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09	GC-NC1
Total Xylenes*	0.882	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96	GC-NC1
Total BTEX	1.24	0.300	08/19/2025	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	208	16.0	08/20/2025	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*	<100	100	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	29000	100	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	7620	100	08/19/2025	ND						

Surrogate: 1-Chlorooctane 112 % 44.4-145

Surrogate: 1-Chlorooctadecane 1270 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 07 0.25' (H255103-09)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	0.053	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93	GC-NC1	
Ethylbenzene*	0.135	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09	GC-NC1	
Total Xylenes*	0.327	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96	GC-NC1	
Total BTEX	0.514	0.300	08/19/2025	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 60.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/20/2025	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*	<100	100	08/19/2025	ND	207	104	200	11.7		
DRO >C10-C28*	27500	100	08/19/2025	ND	203	102	200	11.7		
EXT DRO >C28-C36	7740	100	08/19/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 1960 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 08 0.25' (H255103-10)

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	08/20/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	13.9	10.0	08/20/2025	ND	207	104	200	11.7			
DRO >C10-C28*	2990	10.0	08/20/2025	ND	203	102	200	11.7			
EXT DRO >C28-C36	1210	10.0	08/20/2025	ND							

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 236 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	08/18/2025	Sampling Date:	08/15/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M RESOURCES LLC		

Sample ID: BS25 - 09 0.25' (H255103-11)

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	08/20/2025	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*	90.7	50.0	08/19/2025	ND	207	104	200	11.7			
DRO >C10-C28*	7850	50.0	08/19/2025	ND	203	102	200	11.7			
EXT DRO >C28-C36	1510	50.0	08/19/2025	ND							

Surrogate: 1-Chlorooctane 147 % 44.4-145

Surrogate: 1-Chlorooctadecane 304 % 40.6-153

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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.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



101 East Mariand, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Services				BILL TO: Travis Herron				ANALYSIS REQUEST												
Project Manager: Andrew Parker				P.O. #:				BTEX (8021) TPH:8015D(GRO / DRO / MRO) Chloride Benzene												
Address: 3101 Boyd Drive				Company: K&M Resources LLC																
City: Carlsbad		State: NM		Zip: 88220		Attn: Travis Herron														
Phone #: 575.725.5001		Fax #:		Address:																
Project #: 25A-02811		Project Owner: K&M Resources LLC				City:														
Project Name: Phillips State #1				State:		Zip:														
Project Location: Phillips State #1				Phone #:																
Sampler Name: Austin Harris				Fax #:																
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.			GIRAB OR (C)JOMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING							
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER ACID/BASE:	ICE / COOL	DATE	TIME						
H255103																				
1	BS25-01	0.25'	C	1			X				X		08.15.25	13:00	X	X	X	X		
2	BS25-02	0.25'	C	1			X				X		08.15.25	13:10	X	X	X	X		
3	BS25-03	0.25'	C	1			X				X		08.15.25	13:20	X	X	X	X		
4	BS25-04	0.25'	C	1			X				X		08.15.25	13:30	X	X	X	X		
5	BS25-04	1.0'	C	1			X				X		08.15.25	13:40	X	X	X	X		
6	BS25-05	0.25'	C	1			X				X		08.15.25	13:50	X	X	X	X		
7	BS25-05	1.0'	C	1			X				X		08.15.25	14:00	X	X	X	X		
8	BS25-06	0.25'	C	1			X				X		08.15.25	14:10	X	X	X	X		
9	BS25-07	0.25'	C	1			X				X		08.15.25	14:20	X	X	X	X		
10	BS25-08	0.25'	C	1			X				X		08.15.25	14:30	X	X	X	X		

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Relinquished By:	Date: 8-17-25 Time: 17:00	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Relinquished By:	Date: 8-18-25 Time: 1245	Received By:	Please Email Results: Andrew Parker (Aparker@vertexresource.com), permian@vertexresource.com		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 2.5 Corrected Temp. °C: 2.8	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) T.O.	REMARKS: CC: Andrew Parker for final Report. *Travis Herron will pay by Credit Card	
			Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition	Thermometer ID #13 #140 Correction Factor -0.5°C +0.3°C	

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

February 18, 2026

ANDREW PARKER
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: PHILLIPS STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 02/12/26 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 01 0' (H260848-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	0.615	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	GC-NC1	
Total BTEX	0.615	0.300	02/12/2026	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 204 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	306	50.0	02/13/2026	ND	200	100	200	0.697		
DRO >C10-C28*	17100	50.0	02/13/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	3090	50.0	02/13/2026	ND						

Surrogate: 1-Chlorooctane 199 % 52.4-130

Surrogate: 1-Chlorooctadecane 663 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 01 2' (H260848-02)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 78.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 01 4' (H260848-03)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	02/13/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697	
DRO >C10-C28*	27.9	10.0	02/12/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 01 8' (H260848-04)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	02/13/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697	
DRO >C10-C28*	84.8	10.0	02/12/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	23.9	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 70.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 01 16' (H260848-05)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 72.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 02 0' (H260848-06)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<50.0	50.0	02/13/2026	ND	200	100	200	0.697			
DRO >C10-C28*	9370	50.0	02/13/2026	ND	182	90.8	200	0.391			
EXT DRO >C28-C36	3040	50.0	02/13/2026	ND							

Surrogate: 1-Chlorooctane 87.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 401 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 02 2' (H260848-07)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 66.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 02 4' (H260848-08)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	02/13/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 74.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 02 6' (H260848-09)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	02/13/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 72.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 02 12' (H260848-10)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	02/13/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 72.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 03 0' (H260848-11)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 73.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 03 2' (H260848-12)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 75.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 03 4' (H260848-13)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	02/13/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 75.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 03 10' (H260848-14)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	02/13/2026	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 81.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 04 0' (H260848-16)

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	02/12/2026	ND	2.03	101	2.00	1.21		
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394		
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633		
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937		
Total BTEX	<0.300	0.300	02/12/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	200	100	200	0.697		
DRO >C10-C28*	19.0	10.0	02/12/2026	ND	182	90.8	200	0.391		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 60.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 04 2' (H260848-17)

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	02/12/2026	ND	2.03	101	2.00	1.21	
Toluene*	<0.050	0.050	02/12/2026	ND	1.86	92.9	2.00	0.394	
Ethylbenzene*	<0.050	0.050	02/12/2026	ND	1.83	91.6	2.00	0.633	
Total Xylenes*	<0.150	0.150	02/12/2026	ND	5.37	89.5	6.00	0.937	
Total BTEX	<0.300	0.300	02/12/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2026	ND	200	100	200	0.697	
DRO >C10-C28*	19.2	10.0	02/13/2026	ND	182	90.8	200	0.391	
EXT DRO >C28-C36	<10.0	10.0	02/13/2026	ND					

Surrogate: 1-Chlorooctane 78.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 04 4' (H260848-18)

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	02/13/2026	ND	2.04	102	2.00	3.03	QM-07, QR-03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	QM-07, QR-03	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	QM-07, QR-03	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	QR-03	
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 63.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 50.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 04 6' (H260848-19)

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	02/13/2026	ND	2.04	102	2.00	3.03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	
Total BTEX	<0.300	0.300	02/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 73.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 0' (H260848-20)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	203	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	72.8	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 68.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 61.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 2' (H260848-21)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 68.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 55.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 4' (H260848-22)

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	02/13/2026	ND	2.04	102	2.00	3.03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	
Total BTEX	<0.300	0.300	02/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 74.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 6' (H260848-23)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1820	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 67.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 54.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 10' (H260848-24)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 70.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 56.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 0' (H260848-25)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	778	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	287	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 67.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 2' (H260848-26)

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	02/13/2026	ND	2.04	102	2.00	3.03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	
Total BTEX	<0.300	0.300	02/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	02/13/2026	ND	203	101	200	8.02		
DRO >C10-C28*	5590	50.0	02/13/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	1820	50.0	02/13/2026	ND						

Surrogate: 1-Chlorooctane 86.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 164 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 4' (H260848-27)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	336	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	120	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 75.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 6' (H260848-28)

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	02/13/2026	ND	2.04	102	2.00	3.03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	
Total BTEX	<0.300	0.300	02/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02	
DRO >C10-C28*	42.1	10.0	02/12/2026	ND	185	92.3	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 66.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 54.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 8' (H260848-29)

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	02/13/2026	ND	2.04	102	2.00	3.03	
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70	
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69	
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27	
Total BTEX	<0.300	0.300	02/13/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/13/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02	
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74	
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND					

Surrogate: 1-Chlorooctane 68.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 55.5 % 39.9-141

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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 14' (H260848-30)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 72.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 06 20' (H260848-31)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 63.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 53.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BG26 - 01 0' (H260848-32)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500CI-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	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 70.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 56.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BG26 - 01 2' (H260848-33)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 67.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 54.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BG26 - 01 4' (H260848-34)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/13/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/12/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/12/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/12/2026	ND						

Surrogate: 1-Chlorooctane 60.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 48.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BG26 - 01 6' (H260848-35)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/13/2026	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/13/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/13/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/13/2026	ND						

Surrogate: 1-Chlorooctane 70.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BG26 - 01 14' (H260848-36)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/13/2026	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/13/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/13/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/13/2026	ND						

Surrogate: 1-Chlorooctane 72.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 ANDREW PARKER
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received:	02/12/2026	Sampling Date:	02/10/2026
Reported:	02/18/2026	Sampling Type:	Soil
Project Name:	PHILLIPS STATE #1	Sampling Condition:	Cool & Intact
Project Number:	25A-02811	Sample Received By:	Tamara Oldaker
Project Location:	K&M -LEA COUNTY		

Sample ID: BH26 - 05 24' (H260848-37)

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	02/13/2026	ND	2.04	102	2.00	3.03		
Toluene*	<0.050	0.050	02/13/2026	ND	2.27	114	2.00	1.70		
Ethylbenzene*	<0.050	0.050	02/13/2026	ND	2.31	115	2.00	1.69		
Total Xylenes*	<0.150	0.150	02/13/2026	ND	6.65	111	6.00	2.27		
Total BTEX	<0.300	0.300	02/13/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	02/13/2026	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/13/2026	ND	203	101	200	8.02		
DRO >C10-C28*	<10.0	10.0	02/13/2026	ND	185	92.3	200	7.74		
EXT DRO >C28-C36	<10.0	10.0	02/13/2026	ND						

Surrogate: 1-Chlorooctane 61.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 49.7 % 39.9-141

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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.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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

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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Vertex Resource Services
Project Manager: Andrew Parker
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-02811 Project Owner: K&M Resources LLC
Project Name: Phillips State #1
Project Location: Lea County
Sampler Name: J. Rewis
BILL TO ANALYSIS REQUEST
P.O. #:
Company: K&M Resources LLC
Attn: Travis Herron
Address:
City: Midland
State: Zip:
Phone #:
Fax #:
FOR LAB USE ONLY
Lab I.D. Sample I.D.
MATRIX PRESERV. SAMPLING
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER
DATE TIME
1 BH26-01 0' G 1 X 2.10.26 1130 X X X
2 BH26-01 2' G 1 X 2.10.26 1135 X X X
3 BH26-01 4' G 1 X 2.10.26 1140 X X X
4 BH26-01 8' G 1 X 2.10.26 1140 X X X
5 BH26-01 16' G 1 X 2.10.26 1148 X X X
6 BH26-02 0' G 1 X 2.10.26 1220 X X X
7 BH26-02 2' G 1 X 2.10.26 1230 X X X
8 BH26-02 4' G 1 X 2.10.26 1245 X X X
9 BH26-02 6' G 1 X 2.10.26 1250 X X X
10 BH26-02 12' G 1 X 2.10.26 1250 X X X

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Relinquished By: [Signature] Date: 2.12.26 Time: 1315
Received By: [Signature] Verbal Result: Yes No Add'l Phone #:
All Results are emailed. Please provide Email address: aparker@vertexresource.com
jrewis@vertexresource.com, permian@vertexresource.com
REMARKS: Direct Bill to K&M Resources LLC (Travis Herron)
PS 1/4
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 3.0 Corrected Temp. °C 3.1
Sample Condition Cool Intact Yes No
CHECKED BY: (Initials) [Signature]
Turnaround Time: Standard Bacteria (only) Sample Condition
Rush Cool Intact Observed Temp. °C
Thermometer ID #140 Correction Factor -0.5°C +0.1°C

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Vertex Resource Services

Project Manager: Andrew Parker
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-02811 Project Owner: K&M Resources LLC
Project Name: Phillips State #1
Project Location: Lea County
Sampler Name: J. Rewis

BILL TO

ANALYSIS REQUEST

Table with columns for ANALYSIS REQUEST including BTEX (8021), TPH:8015D(GRO / DRO / MRO), and Chloride.

Table with columns: Lab I.D., Sample I.D., (GIRAB OR (C)OMP # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME).

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Relinquished By: [Signature] Date: 2.12.26 Time: 1315
Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #: 0402401K
REMARKS: Direct Bill to K&M Resources LLC (Travis Herron) Pg 2/4
Observed Temp. °C: 3.0°C Corrected Temp. °C: 3.1
Sample Condition: Cool Intact [] Yes [] No
CHECKED BY: (Initials) [Signature]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: Vertex Resource Services
Project Manager: Andrew Parker
Address: 3101 Boyd Drive
City: Carlsbad State: NM Zip: 88220
Phone #: 575.725.5001 Fax #:
Project #: 25A-02811 Project Owner: K&M Resources LLC
Project Name: Phillips State #1
Project Location: Lea County
Sampler Name: J. Rewis

BILL TO ANALYSIS REQUEST

P.O. #:
Company: K&M Resources LLC
Attn: Travis Herron
Address:
City: Midland
State: Zip:
Phone #:
Fax #:

Table with columns for BTEX (8021), TPH:8015D(GRO / DRO / MRO), Chloride, and multiple empty columns for analysis results.

Table with columns: Lab I.D., Sample I.D., (GIRAB OR (C)OMP, # CONTAINERS, MATRIX (GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER), PRESERV. (ACID/BASE, ICE / COOL, OTHER), SAMPLING (DATE, TIME).

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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service.

Relinquished By: [Signature] Date: 2.12.26 Time: 1315
Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #:
REMARKS: Direct Bill to K&M Resources LLC (Travis Herron) Pg 3/4
Sample Condition: Cool Intact [] Yes [] No
Thermometer ID: #140 Correction Factor: -0.1C

FORM-006 R 3.2 10/07/21

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Company Name: Vertex Resource Services
Project Manager: Andrew Parker
Address: 3101 Boyd Drive
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Phone #: 575.725.5001 Fax #:
Project #: 25A-02811 Project Owner: K&M Resources LLC
Project Name: Phillips State #1
Project Location: Lea County
Sampler Name: J. Rewis
BILL TO ANALYSIS REQUEST
BTEX (8021) TPH:8015D(GRO / DRO / MRO) Chloride

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Relinquished By: [Signature] Date: 2.12.26 Time: 1315
Received By: [Signature] Verbal Result: Yes No Add'l Phone #:
REMARKS: Direct Bill to K&M Resources LLC (Travis Herron) Pg 4/4
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 3.0 Corrected Temp. °C 3.1
Sample Condition Cool Intact Yes No
CHECKED BY: (Initials) [Signature]
Thermometer ID #113 Correction Factor +0.1°C

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

QUESTIONS

Action 573876

QUESTIONS

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2533038983
Incident Name	NAPP2533038983 PHILLIPS STATE #001 @ 30-025-28548
Incident Type	Release Other
Incident Status	Remediation Plan Received
Incident Well	[30-025-28548] PHILLIPS STATE #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PHILLIPS STATE #001
Date Release Discovered	06/10/1986
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Other Unknown Crude Oil Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other Unknown Produced Water Released: 0 BBL (Unknown Released Amount) Recovered: 0 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Reporting a legacy release discovered while remediating an unreportable release <5 bbls.

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QUESTIONS, Page 2

Action 573876

QUESTIONS (continued)

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Andrew Parker Title: Consultant Email: aparker@vertexresource.com Date: 04/10/2026
--	---

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QUESTIONS, Page 3

Action 573876

QUESTIONS (continued)

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (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	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	6800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	44799
GRO+DRO (EPA SW-846 Method 8015M)	36749
BTEX (EPA SW-846 Method 8021B or 8260B)	10.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0.6

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/15/2026
On what date will (or did) the final sampling or liner inspection occur	06/22/2026
On what date will (or was) the remediation complete(d)	07/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	2630
What is the estimated volume (in cubic yards) that will be reclaimed	195
What is the estimated surface area (in square feet) that will be remediated	2630
What is the estimated volume (in cubic yards) that will be remediated	195

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 573876

QUESTIONS (continued)

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Andrew Parker Title: Consultant Email: aparker@vertexresource.com Date: 04/10/2026
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico
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1220 S. St Francis Dr.
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QUESTIONS, Page 5

Action 573876

QUESTIONS (continued)

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 573876

QUESTIONS (continued)

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	549983
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/10/2026
What was the (estimated) number of samples that were to be gathered	24
What was the sampling surface area in square feet	4240

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	No
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 573876

CONDITIONS

Operator: K&M RESOURCES LLC P.O. Box 1540 Artesia, NM 88211	OGRID: 330662
	Action Number: 573876
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Site characterization and remediation plans is approved to include the following conditions of approval. 1. The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. The OCD notes this remediation plan was not received until 05/06/2026, however, had deadline for submittal on 04/27/2026.	5/13/2026