

Re: REMEDIATION CLOSURE REQUEST
NMOCD Incident Number: **NPAC0531138748**
East Vacuum (GSA) Unit #018 API #30-025-02999
Unit B, Section 34, Township 17S, Range 35E 660 FNL 1980 FEL Lea County, NM
GPS Coordinates: Latitude 32.7967834 Longitude -103.4432983 NAD83

KSUE Environmental, LLC. (KSUE) has been contracted by Maverick Permian, LLC. (Maverick) to review and research this historic incident then prepare this remediation closure request for a crude oil release that was recorded at the East Vacuum (GSA) Unit #018 location (Site). This incident was assigned Incident ID NPAC0531138748 by the New Mexico Oil Conservation Division (NMOCD).

Release Information

This incident did not have an initial Form C-141 on file, however, the OCD Permitting – Details page (Attachment 2) lists the following information. Date of Discovery is 9/21/2005, "External corrosion on flowline - vacuum truck out to pick up free liquids and well shut-in. External corrosion caused discharge affecting 30"x70'x2" of lease road and pasture. A determination will be made as to the need for any further action. If further action is deemed necessary a follow up report will be filed. No cattle in the area."

Site Characterization

This Site is in Lea County, NM, approximately eleven miles southwest of Lovington, NM. The wellhead and release area are in Unit B, Section 34, Township 17S, Range 35E, 32.7967834 degrees latitude and -103.4432983 degrees longitude.

The New Mexico Bureau of Geology and Mineral Resources shows the geology at this Site includes Ogallala Formation. Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa.

The soil type present at the Site is Kimbrough gravelly loam, dry, 0 to 3 percent slopes. The drainage class for this soil type is well drained. Soil type information is according to the United States Department of Agriculture Natural Resources Conservation Service soil survey.

The Site resides in a low karst zone and is approximately greater than 5 miles away from the nearest medium karst zone.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 70 feet below grade surface (bgs). This information is recorded by L-13479-POD2 which is situated approximately 1,004 feet away from the Site. This information is from 2013. The United States Geological Survey (USGS) offers the site USGS 324749103262401 17S.35E.34.2213411 which shows depth to the nearest groundwater is 49 feet bgs. The latest gauge of this site was conducted in 1980, and it is located approximately 830 feet from the Site.

The nearest surface water feature is an Unnamed Pond, and it is located approximately 3.66 miles to the west. The U.S. Fish and Wildlife Service National Wetlands Inventory shows the nearest wetland to be a Freshwater Pond approximately 624 feet southwest. According to FEMA's National Flood Hazard Layer search, the Site is situated in Zone D – Area of Undetermined Flood Hazard and is greater than 5 miles away from the nearest flood hazard zone.

Readily available data were reviewed to determine if the Site lies within biologically sensitive areas. The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the New Mexico Department of Game and Fish (NMDGF) Environmental Review Tool (ERT) were queried to determine if sensitive wildlife or plant areas are present at the Site. The Site is not identified to be within biologically sensitive areas where remediation/reclamation would impact sensitive plant or wildlife habitats.

All site characterization supporting documents can be found in Attachment 2.

Research Results

KSUE began researching the details provided for this incident to locate the point of release. Using Google Earth's historical image tool, images from 2005 to the present were reviewed with regards to the description of the release. Lease road and pasture areas along the flowline were highlighted as potential areas affected by this release. From the images that were reviewed, it was determined that the affected area was most likely in the vicinity of the wellhead and pad. There are two different areas to the east and to the west of the wellhead that could have potentially been the affected release area. These areas were included in a remediation that took place in 2013, for incident ID NJK1203128671, which received a status of

Incident Closure Approved by the NMOCD on November 26, 2013. The Google Earth images mentioned are included for reference in Attachment 1 of this report. The final closure report for incident ID NJK1203128671 is included for reference in Attachment 3.

Request for Incident Closure

After reviewing all details surrounding the two incidents associated with this Site, it was concluded that the release area affected by incident ID NPAC0531138748 was remediated during the remediation activities of incident ID NJK1203128671 in the summer and fall of 2013.

Maverick would like to request the closure approval of incident ID NPAC0531138748. All rules and regulations set forth in 19.15.29.12 and 19.15.29.13 NMAC have been complied with for both incidents. Pasture areas have been correctly reclaimed and reseeded for vegetation growth, while pad and road areas were correctly backfilled and repacked. Maverick understands that reclamation of the pad area, once it is no longer needed for production or subsequent drilling operations, will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material, followed by an approved revegetation report after proper vegetation growth has been confirmed.

For questions or additional information, please reach out to:

Maverick Permian – Bryce Wagoner – bwagoner@dgoc.com – (928) 241-1862

KSUE Environmental, LLC – Tom Bynum – tombynum@gmail.com – (580) 748-1613



Attachments

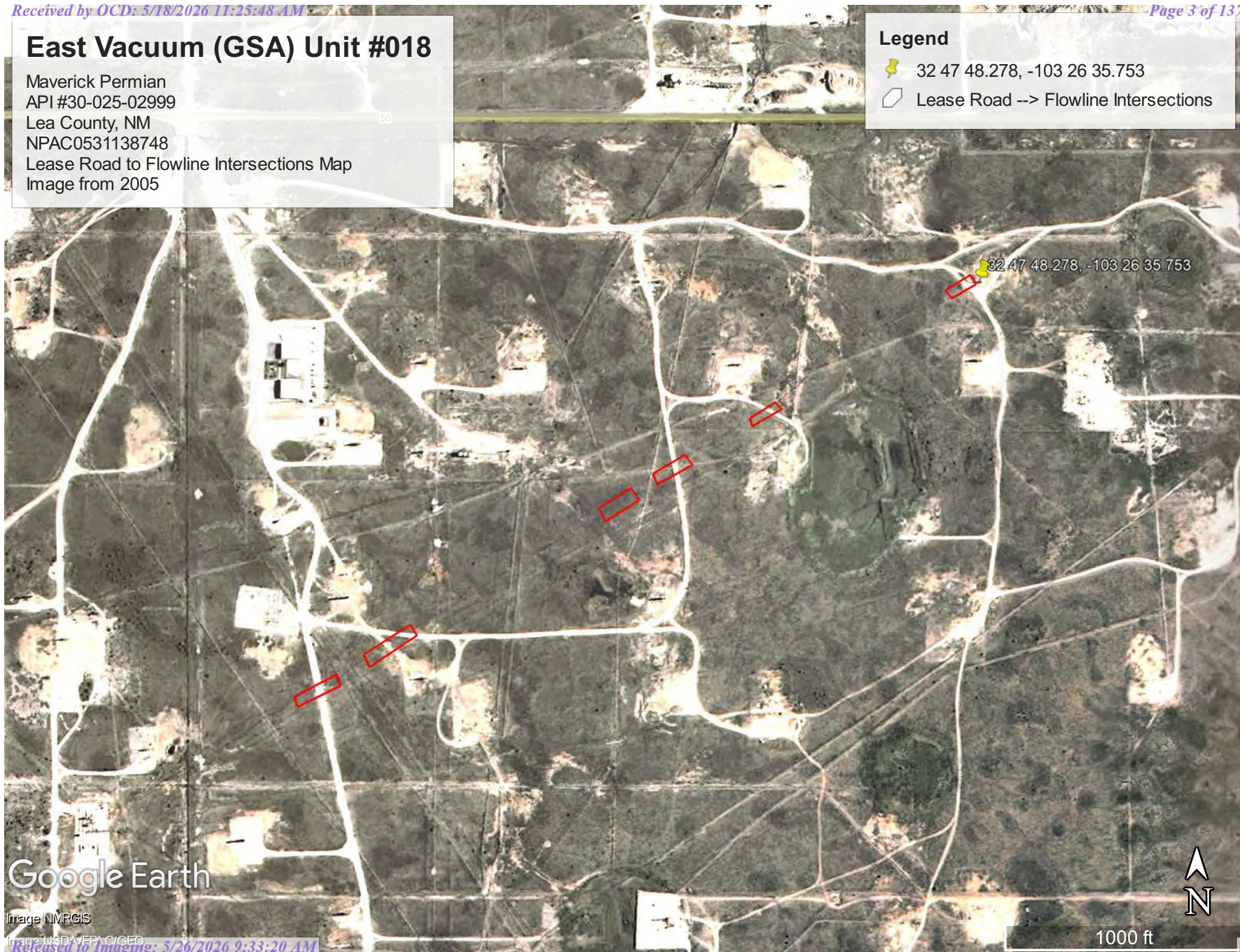
- 1- Google Earth Images
- 2- Site Characterization Documents
- 3- Closure Report – NJK1203128671

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Lease Road to Flowline Intersections Map
Image from 2005

Legend

-  32 47 48.278, -103 26 35.753
-  Lease Road --> Flowline Intersections



Google Earth

Image NMRGIS

Image USDA/FPAC/GEO



1000 ft

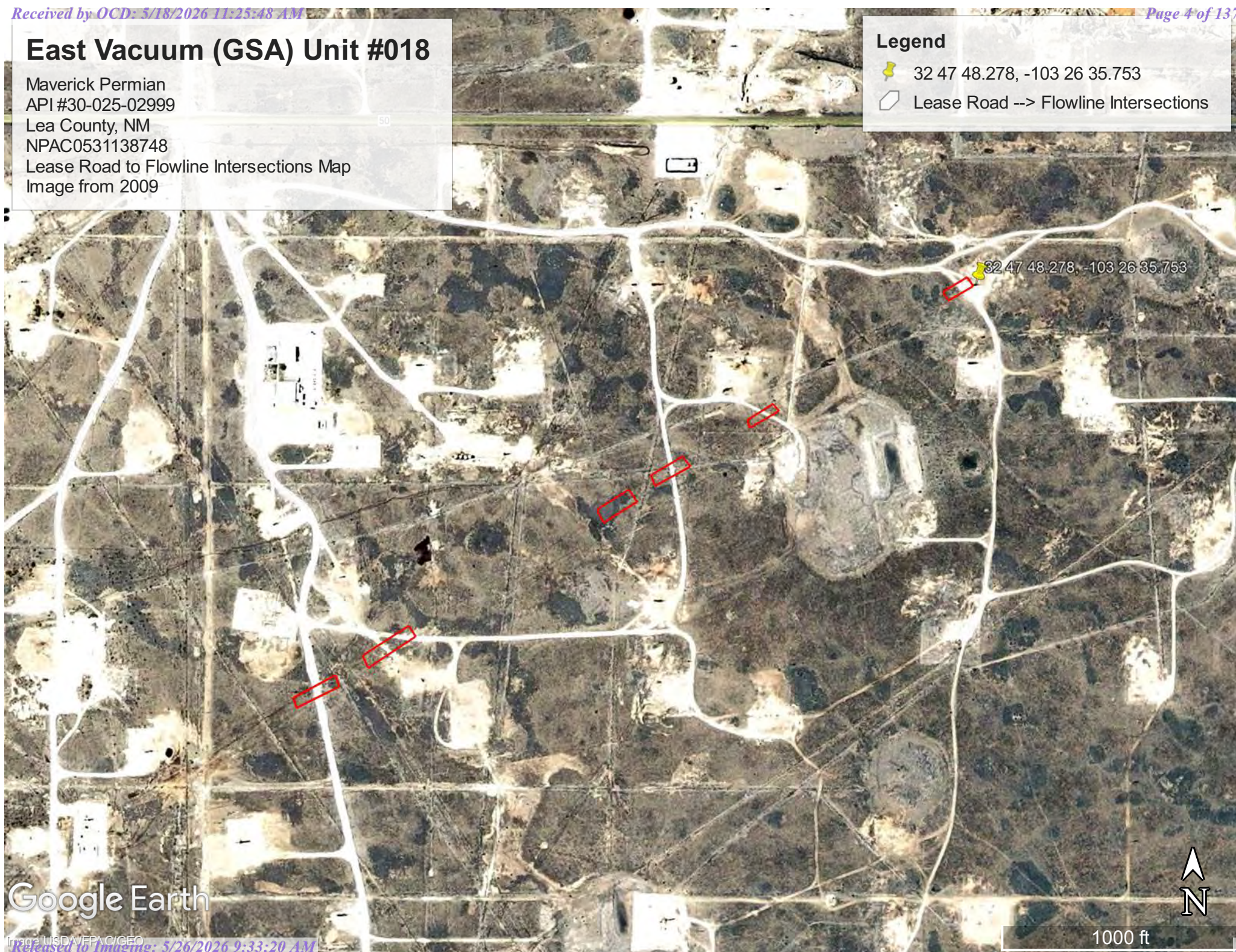


East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Lease Road to Flowline Intersections Map
Image from 2009

Legend

-  32 47 48.278, -103 26 35.753
-  Lease Road --> Flowline Intersections





Google Earth

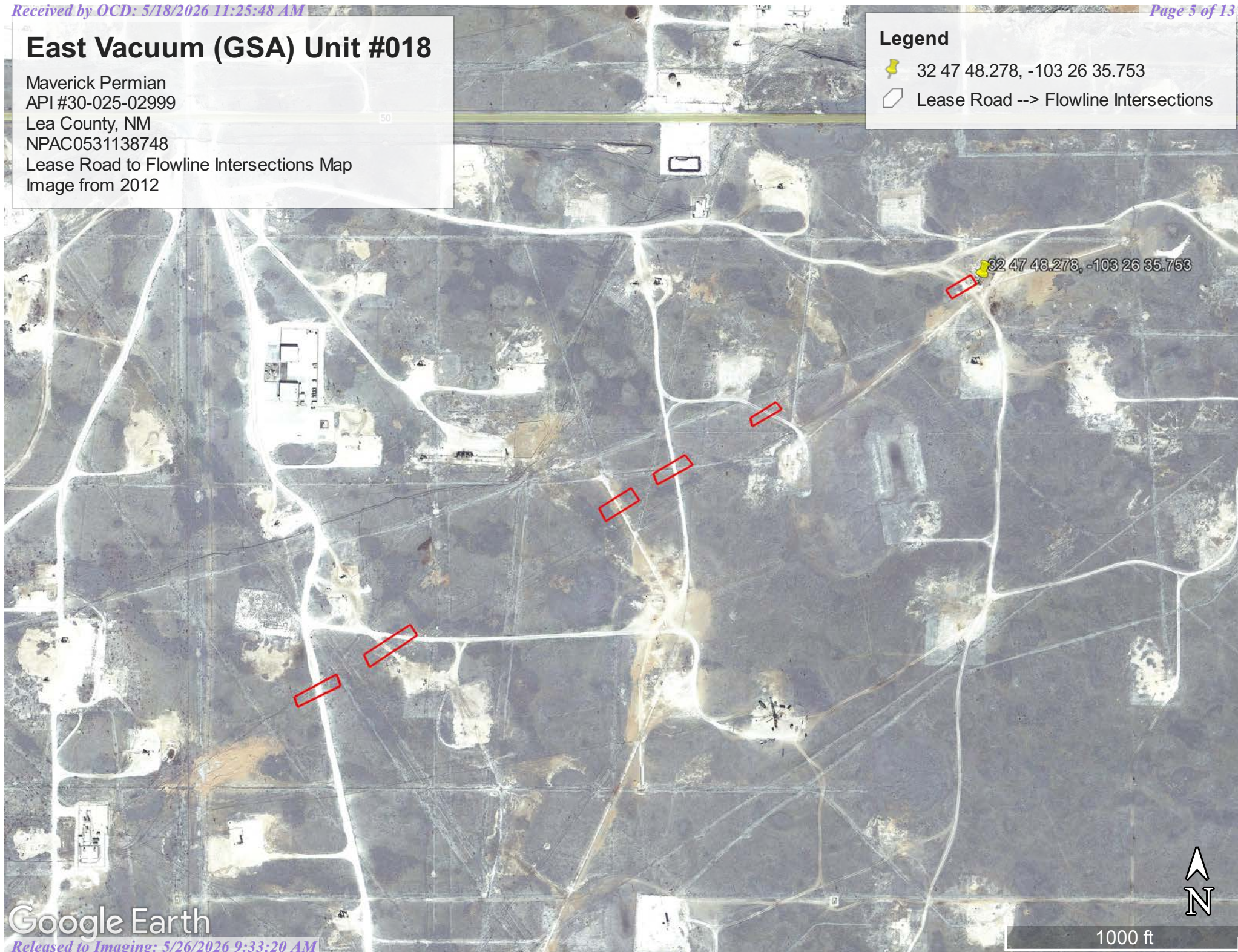
1000 ft

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Lease Road to Flowline Intersections Map
Image from 2012

Legend



-  32 47 48.278, -103 26 35.753
-  Lease Road --> Flowline Intersections



East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Potential Release Areas Map
Image from 2014

Legend

-  East Vacuum (GSA) Unit #3467-018
-  Potential release areas - 2,100 sqft



East Vacuum (GSA) Unit #3467-018



OCD Permitting

Home Searches Incidents Incident Details

nPAC0531138748 EAST VACUUM (GSA) UNIT #018

General Incident Information

Well: [\[30-025-02999\]](#) EAST VACUUM (GSA) UNIT #018
 Facility:
 Operator: [\[331199\]](#) Maverick Permian LLC
 Status: Active
 Stage: Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation Closure Report from the operator
 Type: Oil Release **Severity:**

Incident Location: B-34-17S-35E 660 FNL 1980 FEL
 Lat/Long: 32.7967834,-103.4432983 NAD83
 District: Hobbs **County:** Lea (25)
 Surface Owner: State

Severity Indicators

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

Notes

Source of Referral: Industry Rep **Action / Escalation:** General Information

Contact Details

Contact Name: **Contact Title:**

Event Dates

Date of Discovery: 09/21/2005 **Initial C-141 Report Due:** 10/6/2005
Remediation Closure Report Due: 11/25/2024

Incident Dates

19.15.29 NMAC - RELEASES

Type	Action	Received	Denied	Approved
Remediation Closure Report Extension		08/15/2018		08/15/2018
Sampling Notice	[353212]	06/11/2024		06/11/2024
Initial C-141 Report		11/07/2005		11/07/2005

19.15.30 NMAC - REMEDIATION

Type	Action	Received	Denied	Approved
------	--------	----------	--------	----------

- Quic
- [Gene](#)
- [Mater](#)
- [Event](#)
- [Order](#)
- [Actior](#)
- Asso
- Facilit
- [Incide](#)
- [Well F](#)
- New
- [New f](#)
- [New I](#)
- [New \(](#)
- [New f](#)
- [New \](#)

Incident Materials

Cause	Source	Material	Volume				Units
			Unk.	Released	Recovered	Lost	
Corrosion	Flow Line - Production	Crude Oil	<input type="checkbox"/>	15	14	1	BBL
Corrosion	Flow Line - Production	Produced Water	<input type="checkbox"/>	5	3	2	BBL

The concentration of dissolved chloride in the produced water >10,000 mg/l: Yes No

Incident Events

Date	Detail
07/23/2024	Accepted for record only. Initial C-141 was received 11/07/2005. This release is currently out of compliance. A report is due November 25, 2024. Failure to submit a complete report by November 25, 2024 may result in compliance and enforcement penalties pursuant to 19.15.5 NMAC.
07/23/2024	The (07/23/2024, C-141) application [366499] was accepted by OCD. The operator was emailed with details of this event.
07/23/2024	An application [366499] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
07/23/2024	The (07/23/2024, C-141) application [366499] was assigned to this incident.
06/11/2024	The (06/11/2024, C-141N) application [353212] was assigned to this incident.
11/07/2005	C-141: "External corrosion on flowline - vacuum truck out to pick up free liquids and well shut-in. External corrosion caused discharge affecting 30"x70"x2" of lease road and pasture. A determination will be made as to the need for any further action. If further action is deemed necessary a follow up report will be filed. No cattle in the area."

Incident Severity

Major release as defined by 19.15.29.7(A) NMAC?

Yes No

Incident Corrective Actions

Initial Response

- The source of the release has been stopped.
- The impacted area has been secured to protect human health and the environment.
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Site Characterization

Searches Operator Data Hearing Fee Application

Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 500 and 1000 (ft.)
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Greater than 5 (mi.)
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1000 (ft.) and ½ (mi.)
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Between 1000 (ft.) and ½ (mi.)
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Greater than 5 (mi.)
Are the lateral extents of the release within 300 feet of a wetland?	Between 500 and 1000 (ft.)
Are the lateral extents of the release overlying a subsurface mine?	Greater than 5 (mi.)
Are the lateral extents of the release overlying an (non-karst) unstable area?	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology?	Low
Are the lateral extents of the release within a 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Remediation Plan

Have the lateral and vertical extents of contamination been fully delineated?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
On what estimated date will the remediation commence?	
On what date will (or did) the final sampling occur?	
On what date will (or was) the remediation complete(d)	

Release is indicated as not yet fully delineated. Any Deferral Requests received may not be granted for this incident.

No remediation closure report data was found for this incident.

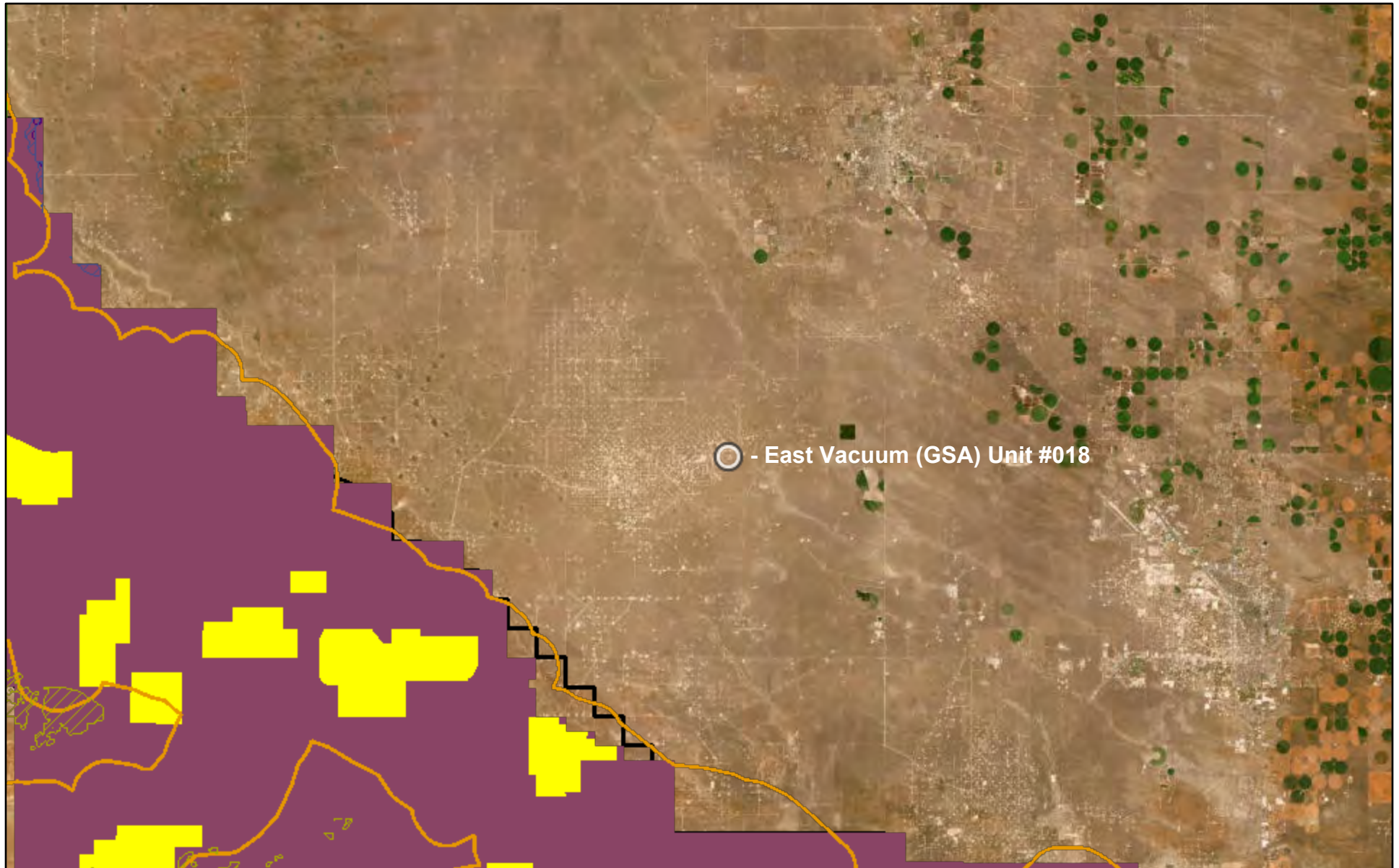
No reclamation report data was found for this incident.

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

Orders

No Orders Found

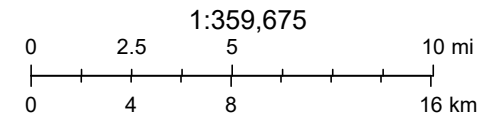
Special Status Plant/Wildlife Map



1/14/2026

- | | | |
|--|---------------------------------|--------------------------------------|
| Potential Habitat (Planning Area Only) | Dunes Sage Brush Lizard Habitat | Sparse and Scattered Population Area |
| Lee's pincushion cactus | Lesser Prairie Chicken Habitat | Lesser Prairie Chicken TR |
| Scheer's beehive cactus | Habitat Evaluation Area | World Imagery |
| Tharp's blue-star | Isolated Population Area | Low Resolution 15m Imagery |

- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations
- 75m Resolution Metadata




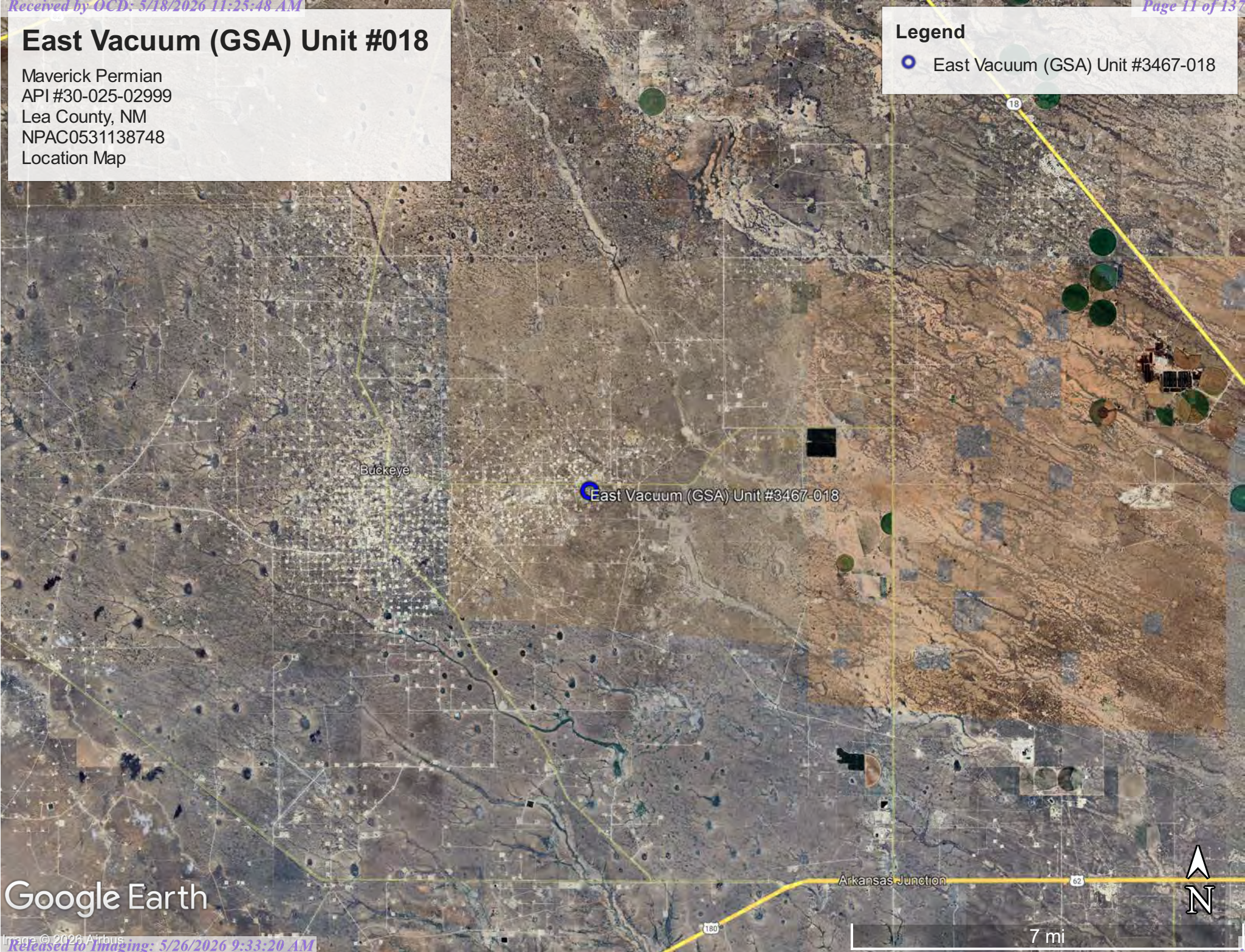
Earthstar Geographics, Bureau of Land Management - New Mexico State Office

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Location Map

Legend

-  East Vacuum (GSA) Unit #3467-018



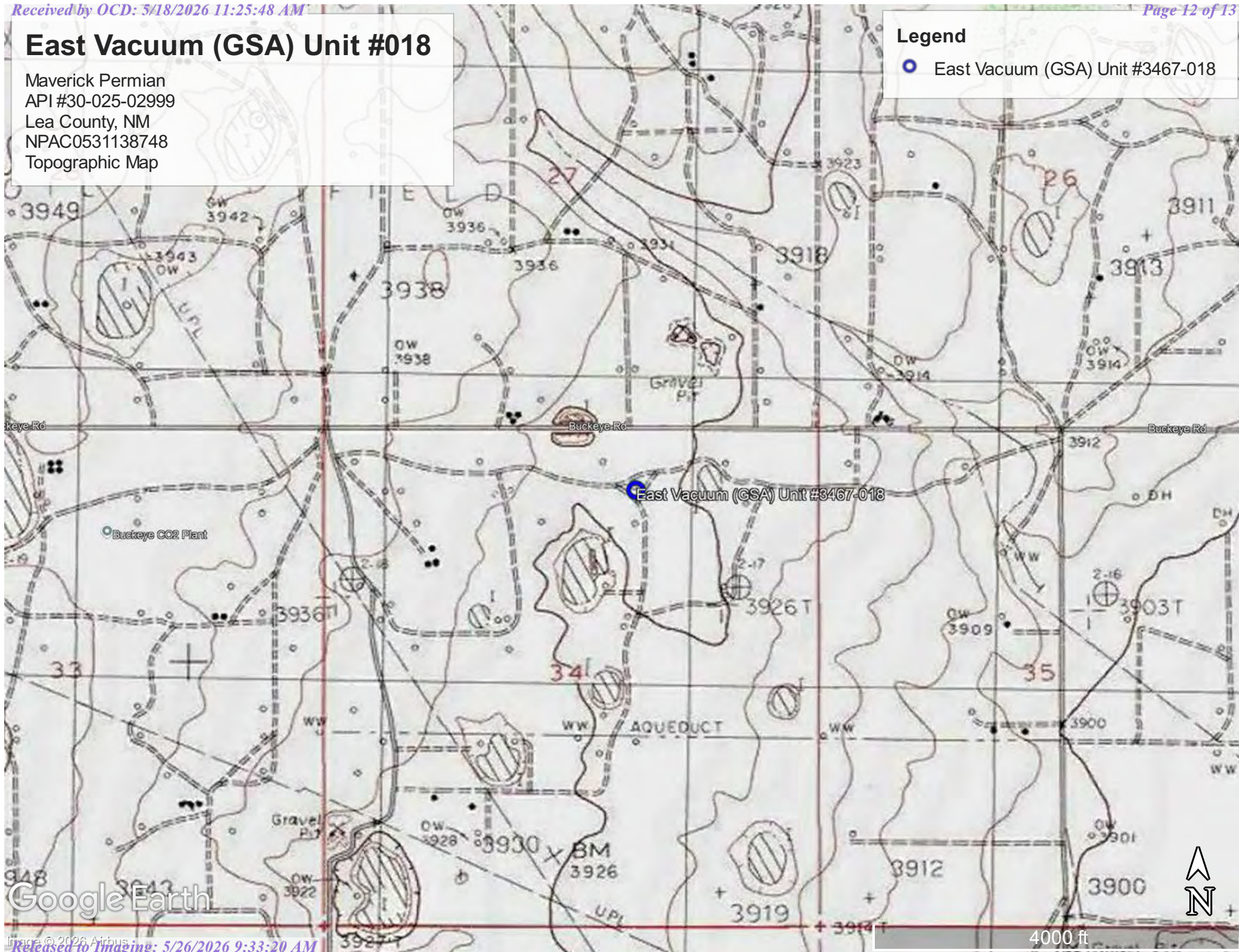
Google Earth

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Topographic Map

Legend

● East Vacuum (GSA) Unit #3467-018



Google Earth

4000 ft

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst



Google Earth



2 mi



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
L 13479 POD2		L	LE	NE	NE	NW	34	17S	35E	645479.6	3629941.3	●	302	80	70	10
L 13479 POD1		L	LE	NE	NE	NW	34	17S	35E	645495.4	3630015.7	●	323	80	70	10
L 13479 POD3		L	LE	SE	SE	SW	27	17S	35E	645447.6	3630066.2	●	392	76	70	6
L 04829 S2		L	LE		SE	SW	27	17S	35E	645352.0	3630227.0 *	●	569	220	90	130
L 04775		L	LE		SE	NW	34	17S	35E	645365.0	3629421.0 *	●	570	133	68	65
L 04859		L	LE	SE	SE	SE	27	17S	35E	646258.0	3630135.0 *	●	582	145	85	60
L 04727		L	LE				34	17S	35E	645576.0	3629214.0 *	●	644	120	45	75
L 04793		L	LE				34	17S	35E	645576.0	3629214.0 *	●	644	150	50	100
L 10297		L	LE		NW	NW	34	17S	35E	644955.0	3629819.0 *	●	806	150	42	108
L 05834 POD6		L	LE	NW	NW	SE	34	17S	35E	645587.5	3629039.0	●	810	234	65	169

Average Depth to Water: **65 feet**

Minimum Depth: **42 feet**

Maximum Depth: **90 feet**

Record Count: 10

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 645761.37

Northing: 3629830.82

Radius: 01000


* UTM location was derived from PLSS - see Help

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

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
L 13479	POD2	NE	NE	NW	34	17S	35E	645479.6	3629941.3	

* UTM location was derived from PLSS - see Help

Driller License:	1458	Driller Company:	YELLOW JACKET DRLG. SERV. LLC		
Driller Name:	RICHARD LEBLANC				
Drill Start Date:	2013-10-04	Drill Finish Date:	2013-12-13		Plug Date:
Log File Date:	2014-04-28	PCW Rcv Date:			Source: Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:		10
Casing Size:	2.05	Depth Well:	80		Depth Water: 70

Water Bearing Stratifications:

Top	Bottom	Description
70	80	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
65	80

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

1/14/26 9:50 AM MST




Point of Diversion Summary

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East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
NMOSE POD Map

Legend

-  1,004 Feet
-  East Vacuum (GSA) Unit #3467-018
-  NMOSE L-13479-POD2



Google Earth

1000 ft





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources (Cooperator Access)

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

i Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

Search Results -- 1 sites found

site_no list =

- 324749103262401

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324749103262401 17S.35E.34.2213411

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 12080003

Latitude 32°47'49", Longitude 103°26'24" NAD27

Land-surface elevation 3,924.2 feet above NGVD29

The depth of the well is 244 feet below land surface.

The depth of the hole is 244 feet below land surface.

This well is completed in the High Plains aquifer (N100HGHPN) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

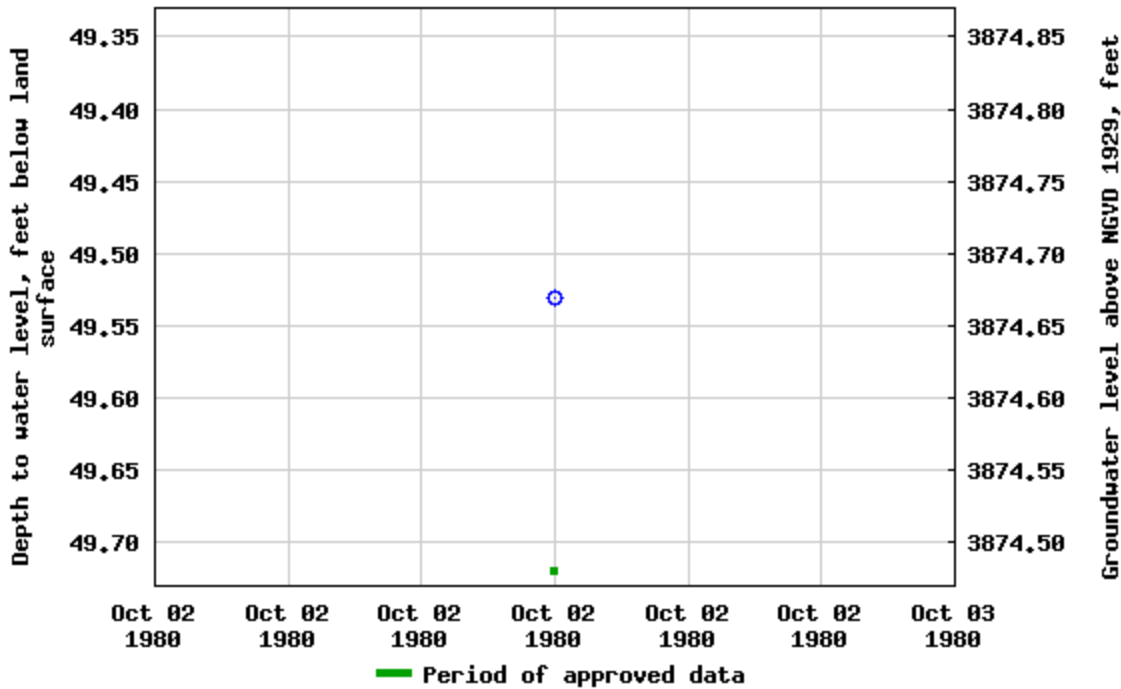
[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

USGS 324749103262401 17S.35E.34.2213411



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

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[Explanation of terms](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)




Page Last Modified: 2026-01-14 11:54:30 EST

0.67 0.55 nadww01

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
USGS Map

Legend

-  830 Feet
-  East Vacuum (GSA) Unit #3467-018
-  USGS-324749103262401



Google Earth

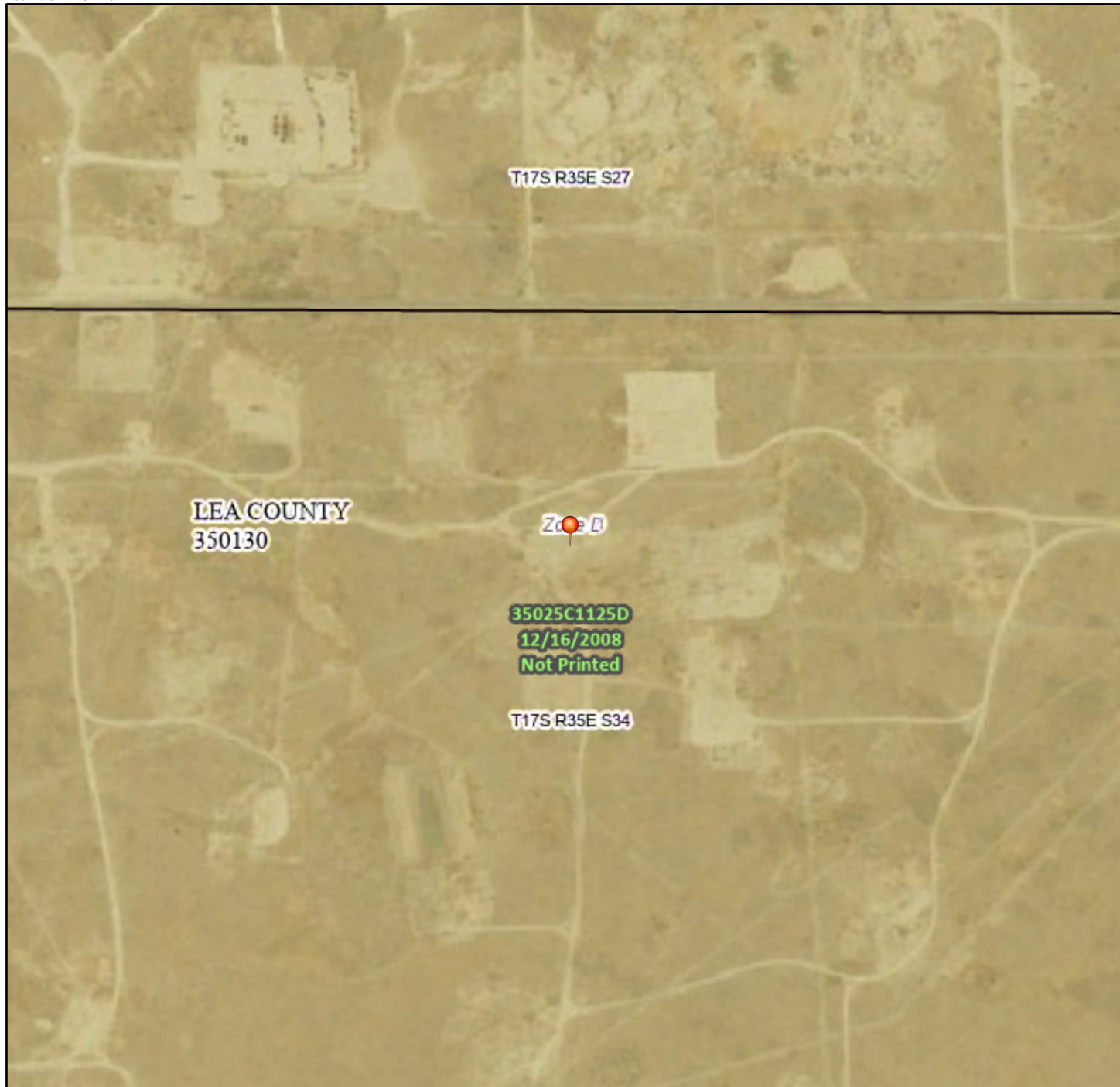


2000 ft

National Flood Hazard Layer FIRMette



103°26'54"W 32°48'4"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>

OTHER AREAS OF FLOOD HAZARD		Area with Flood Risk due to Levee <i>Zone D</i>
		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>

OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)

OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/14/2026 at 4:56 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.






1:6,000

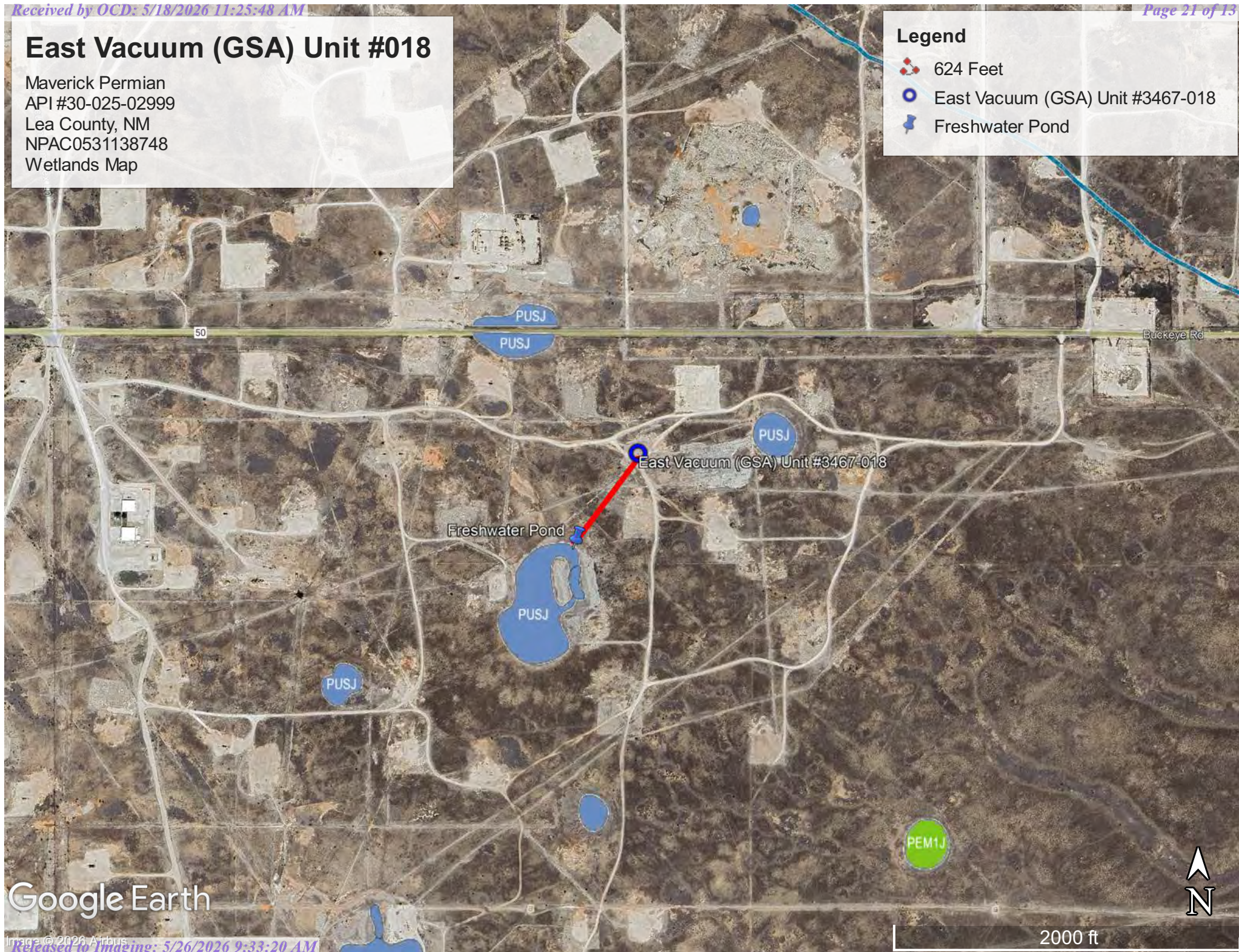
103°26'16"W 32°47'33"N

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Wetlands Map

Legend

-  624 Feet
-  East Vacuum (GSA) Unit #3467-018
-  Freshwater Pond



Google Earth



2000 ft



East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Surface Water Map

Legend

-  3.66 Miles
-  Unnamed Pond



Google Earth



2 mi

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

Lea County, New Mexico

KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw46
Elevation: 2,500 to 4,800 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 45 percent
Lea and similar soils: 25 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough

Setting

Landform: Plains, playa rims
Down-slope shape: Linear, convex
Across-slope shape: Linear, concave
Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

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

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 4 to 18 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 95 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Description of Lea

Setting

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age

Typical profile

A - 0 to 10 inches: loam
Bk - 10 to 18 inches: loam
Bkk - 18 to 26 inches: gravelly fine sandy loam
Bkkm - 26 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 22 to 30 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 90 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Hydric soil rating: No

Minor Components

Douro

Percent of map unit: 12 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

Kenhill

Percent of map unit: 12 percent

Landform: Plains

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: R077DY038TX - Clay Loam 12-17" PZ

Hydric soil rating: No

Spraberry

Percent of map unit: 6 percent

Landform: Plains, playa rims

Down-slope shape: Linear, convex

Across-slope shape: Linear

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

Data Source Information

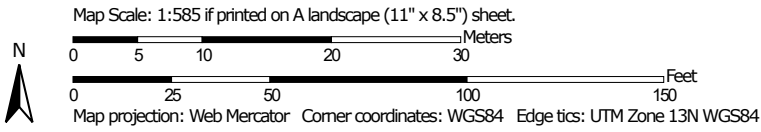
Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, Sep 9, 2025

Soil Map—Lea County, New Mexico




Soil Map may not be valid at this scale.



Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features





-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Lea County, New Mexico



Map Unit Legend

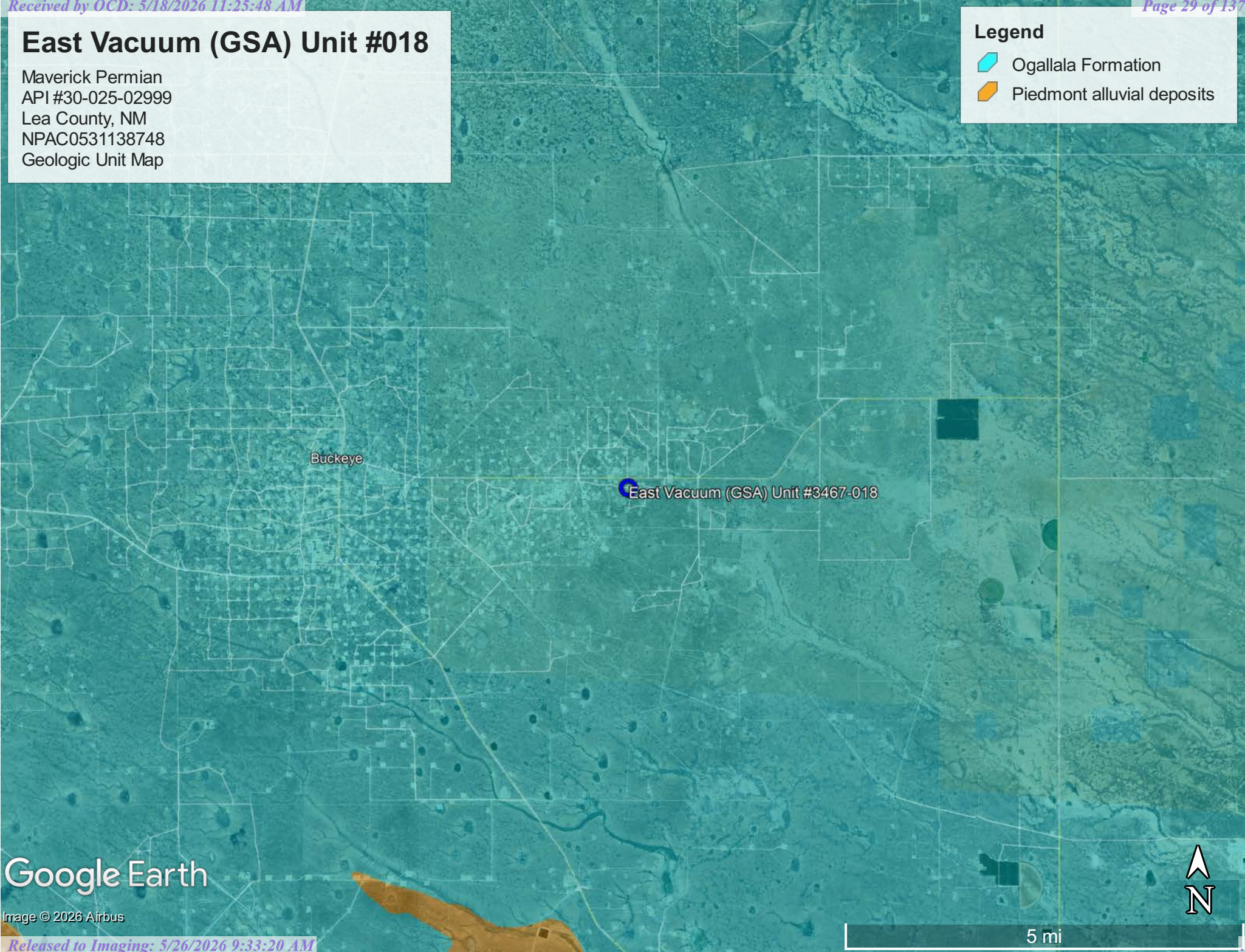
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	1.6	100.0%
Totals for Area of Interest		1.6	100.0%

East Vacuum (GSA) Unit #018

Maverick Permian
API #30-025-02999
Lea County, NM
NPAC0531138748
Geologic Unit Map

Legend

-  Ogallala Formation
-  Piedmont alluvial deposits



Google Earth

Image © 2026 Airbus

5 mi



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	ConocoPhillips Company	Contact	SEAN ROBINSON
Address	3300 North A St. Bldg 6, Midland TX 79705	Telephone No.	(575) 391-3147
Facility Name	EVGSAU 3467-018	Facility Type	Oil and Gas

Surface Owner	State	Mineral Owner	State	API No.	3002502999
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	34	17S	35E	676	FNL	1968	FEL	Lea

Latitude 32°47'48.278"N Longitude 103°26'35.753"W

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	572.1 bbls	Volume Recovered	240 bbls
Source of Release	Failed threaded section on fiberglass changeover	Date and Hour of Occurrence	1/26/12 1717 hrs	Date and Hour of Discovery	1/27/12 0620 hrs
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking, NMOCD		
By Whom?	John Gates	Date and Hour	1/27/12 0900 hrs		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* A 2 7/8" to 2" fiberglass changeover in the threaded section of the 2" end failed where the changeover was screwed into the 2" fiberglass flange.

Describe Area Affected and Cleanup Action Taken.* A total of 155,658 sq ft of pasture land and lease pad was affected. RECS was assigned the project from another environmental company. That company installed 25 soil bores at the site and two background samples beginning on February 2nd, 2012. The samples from the bores were taken to a commercial laboratory for analysis. Based on the soil bore data, that environmental company wrote a Work Plan for a path forward for the site on May 2nd, 2013. RECS was assigned the project June 24th, 2013. RECS submitted an Addendum to the Work Plan on July 1st, 2013. RECS recommended that ConocoPhillips excavate approximately 117,215 sq ft of the site to 4 ft below ground surface (bgs) and approximately 82,284 sq ft of the site to 3 ft bgs. NMOCD approved the Addendum to the Work Plan on July 9th, 2013. Excavation for liner installation began on June 25th, 2013 under the previous Work Plan. Once the new Work Plan was approved on July 9th, 2013, ConocoPhillips continued working under the new plan. The site was excavated to either 3 ft bgs or 4 ft bgs based on the Plan's specifications. As each excavation was dug, wall samples were taken to a commercial laboratory to verify that the walls were below laboratory chloride readings of 250 mg/kg. In the cases where the laboratory chloride levels in the walls were too high, the wall was excavated further until samples were obtained below 250 mg/kg. As the site was dug, the excavated soil was screened to remove the rock from the soil. 26,973 yards of the resultant soil was taken to a NMOCD approved facility for disposal. Samples of the screened rock were taken to a commercial laboratory for analysis and returned chloride values of 64 mg/kg and non-detect. The rock was piled on site to use as backfill. At SB-22, the site was excavated another foot to 4 ft bgs. This was to remove elevated chloride soils from this area. Once each area was excavated, a 1 foot thick clay layer was installed at the base of each excavation. A total of 8,247 yards of clay was imported to the site to install the clay barrier. A sample of the clay was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. In the 4 ft bgs sections, the excavated, screened rock was backfilled over the clay layer to 3 ft bgs. In the 4 ft pasture sections to the west, rock was not installed over the clay layer because all the rock had been used in the previous excavations. On August 19th, 2013, NMOCD verbally approved the site to be backfilled. 18,903 yards of top soil was imported to the site to serve as the remaining backfill for each excavation. A sample of the top soil was taken to a commercial laboratory for analysis and returned a chloride result of 16 mg/kg. The top soil was backfilled over the 3 ft and 4 ft excavations and contoured to the surrounding location. On October 9th, 2013, the site was seeded with a blend of native vegetation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature:	<i>Sean Robinson</i>	OIL CONSERVATION DIVISION	
Printed Name:	SEAN ROBINSON	<i>Geoffrey Leking</i> Environmental Specialist	
Title:	OPERATIONS SUPERVISOR	Approval Date:	11/26/13
E-mail Address:	strobin@conocophillips.com	Expiration Date:	-
Date:	11-18-13	Conditions of Approval:	-
Phone:	(575) 391-3147	Attached	<input type="checkbox"/>
		IRP-1-12-2780	

* Attach Additional Sheets If Necessary

District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St Francis Dr, Santa Fe, NM 87505

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

HOBBS OCD
JAN 30 2012
RECEIVED

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company ConocoPhillips Company	Contact John W. Gates
Address 3300 North A St. Bldg 6, Midland, TX 79705-5406	Telephone No. 505.391.3158
Facility Name EVGSAU 3467-018	Facility Type Oil and Gas

Surface Owner State Of New Mexico	Mineral Owner State Of New Mexico	Lease No 300250299900
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	34	17S	35E					Lea

Latitude **32degrees 47' 48.4"** Longitude **103degrees 26' 35.1"**

NATURE OF RELEASE

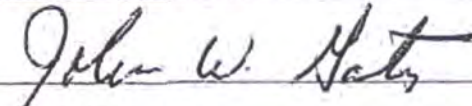
Type of Release Produced Water	Volume of Release 572.1bbl (0oil, 572.1 bbls/water)	Volume Recovered (0oil, 240 bbls/water)
Source of Release Failed threaded section on a 2 7/8" X 2" fiberglass changeover into a 2" fiberglass flange	Date and Hour of Occurrence 1/26/12 1717	Date and Hour of Discovery 1/27/12 0620
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking NMOCD	
By Whom? John Gates	Date and Hour 1/27/12 0900	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
It was determined that the release originated from a 2 7/8" to 2" fiberglass changeover in the threaded area on the 2" end where the changeover was screwed into a 2" fiberglass flange.

Describe Area Affected and Cleanup Action Taken.*
The affected area is a 423' X 423' X 2" area of well pad and pasture land. Vacuum trucks were called and ~240 bbls of produced water was recovered.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: John W. Gates	Approved by ENV SPECIALIST: <i>Geoffrey Leking</i> District Supervisor	
Title: HSER Lead	Approval Date: 1/30/12	Expiration Date: 3/30/12
E-mail Address: John.W.Gates@conocophillips.com	Conditions of Approval: DELIVERATE RELEASE HORIZONTALLY AND VERTICALLY. SUBMIT FINAL C-141 BY 3/30/12.	
Date: 01/30/12 Phone: 505.391.3158	Attached <input type="checkbox"/> IRP-1-12-2780	

• Attach Additional Sheets If Necessary

Rice Environmental Consulting & Safety

P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

November 13th, 2013

Geoffrey Leking

New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau – District 1
1625 N. French Dr.
Hobbs, NM 88240-9273

RE: **Termination Request**
ConocoPhillips EVGSAU 3467-018 (1RP-1-12-2780)
UL/B sec. 34 T17S R35E
API No. 300250299900

Mr. Leking:

ConocoPhillips has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 3.5 miles east of Buckeye, New Mexico at UL/B sec. 34 T17S R35E. NM OSE and BLM records indicate that groundwater will likely be encountered at a depth of approximately 55 +/- feet.

On January 26th, 2012, a threaded section on a 2 7/8 inch x 2 inch fiberglass changeover as it went into a 2 inch fiberglass flange failed releasing 572.1 barrels of produced water onto the lease pad and adjacent pasture. A total of 155,658 sq ft of pasture land and lease pad was affected. Vacuum trucks were called to the site and recovered 240 barrels of produced water. NMOCD – District 1 was informed of the release on January 27th, 2012 and an initial C-141 was sent and approved on January 30th, 2012 (Appendix A).

RECS was assigned the project from another environmental company. The previous company installed 25 soil bores at the site and two background samples beginning on February 2nd, 2012 (Figure 1). The samples from the bores were taken to a commercial laboratory for analysis (Appendix B). Based on the soil bore data, that environmental company wrote a Work Plan for a path forward for the site on May 2nd, 2013.

RECS was assigned the project June 24th, 2013. RECS submitted an Addendum to the Work Plan on July 1st, 2013. RECS recommended that ConocoPhillips excavate approximately 117,215 sq ft of the site to 4 ft below ground surface (bgs) and approximately 82,284 sq ft of the site to 3 ft bgs (Figure 2). The depths of the excavations were based on NMOCD's photo documentation of the areas where the release pooled and on the soil bore data results in Figure 1. The excavated soil would be screened to remove the rock from the soil. A one foot thick clay layer would be installed and properly seated throughout the excavation. Over the 4 ft bgs area, a one foot layer of rock would be installed over the clay

layer and then the entire excavation would be backfilled with 2 feet of top soil to the surface. Top soil would be imported to the site to provide the backfill material. The site would be contoured to the surrounding area and then seeded with a blend of native vegetation. Vegetation above the liner would also provide a natural infiltration barrier for the site since plants capture water through their roots thereby reducing the volume of water moving through the vadose zone to groundwater. NMOCD approved the Addendum to the Work Plan on July 9th, 2013.

Excavation for liner installation began on June 25th, 2013 under the previous Work Plan. Once the new Work Plan was approved on July 9th, 2013, ConocoPhillips continued working under the new plan. The site was excavated to either 3 ft bgs or 4 ft bgs (Figure 2). As each excavation was dug, wall samples were taken to a commercial laboratory to verify that the walls were below laboratory chloride readings of 250 mg/kg. In the cases where the laboratory chloride levels in the walls were too high, the wall was excavated further until samples were obtained below 250 mg/kg (Appendix C).

As the site was dug, the excavated soil was screened to remove the rock from the soil. 26,973 yards of the resultant soil was taken to a NMOCD approved facility for disposal. Samples of the screened rock were taken to a commercial laboratory for analysis and returned chloride values of 64 mg/kg and non-detect (Appendix C). The rock was piled on site to use as backfill. At SB-22, the site was excavated another foot to 4 ft bgs. This was to remove elevated chloride soils from this area.

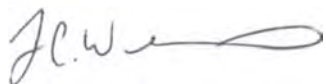
Once each area was excavated, a 1 foot thick clay layer was installed at the base of each excavation. A total of 8,247 yards of clay was imported to the site to install the clay barrier. A sample of the clay was taken to a commercial laboratory for analysis and returned a chloride result of non-detect. In the 4 ft bgs sections, the excavated, screened rock was backfilled over the clay layer to 3 ft bgs. In the 4 ft pasture sections to the west, rock was not installed over the clay layer because all the rock had been used in the previous excavations. On August 19th, 2013, NMOCD verbally approved the site to be backfilled. 18,903 yards of top soil was imported to the site to serve as the remaining backfill for each excavation. A sample of the top soil was taken to a commercial laboratory for analysis and returned a chloride result of 16 mg/kg. The top soil was backfilled over the 3 ft and 4 ft excavations and contoured to the surrounding location. On October 9th, 2013, the site was seeded with a blend of native vegetation.

Photo documentation of these activities can be found in Appendix D.

The site has been excavated to remove the majority of contaminated soil. A 1 foot thick clay layer was installed over the release to inhibit the downward migration of remaining constituents in the vadose zone to groundwater. The site was backfilled with clean, imported soil and seeded with a blend of native vegetation. Therefore, RECS on behalf of ConocoPhillips respectfully requests 'remediation termination' or similar site closure status for the site. A final C-141 can be found in Appendix E.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in black ink, appearing to read 'L.W.' followed by a stylized flourish.

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

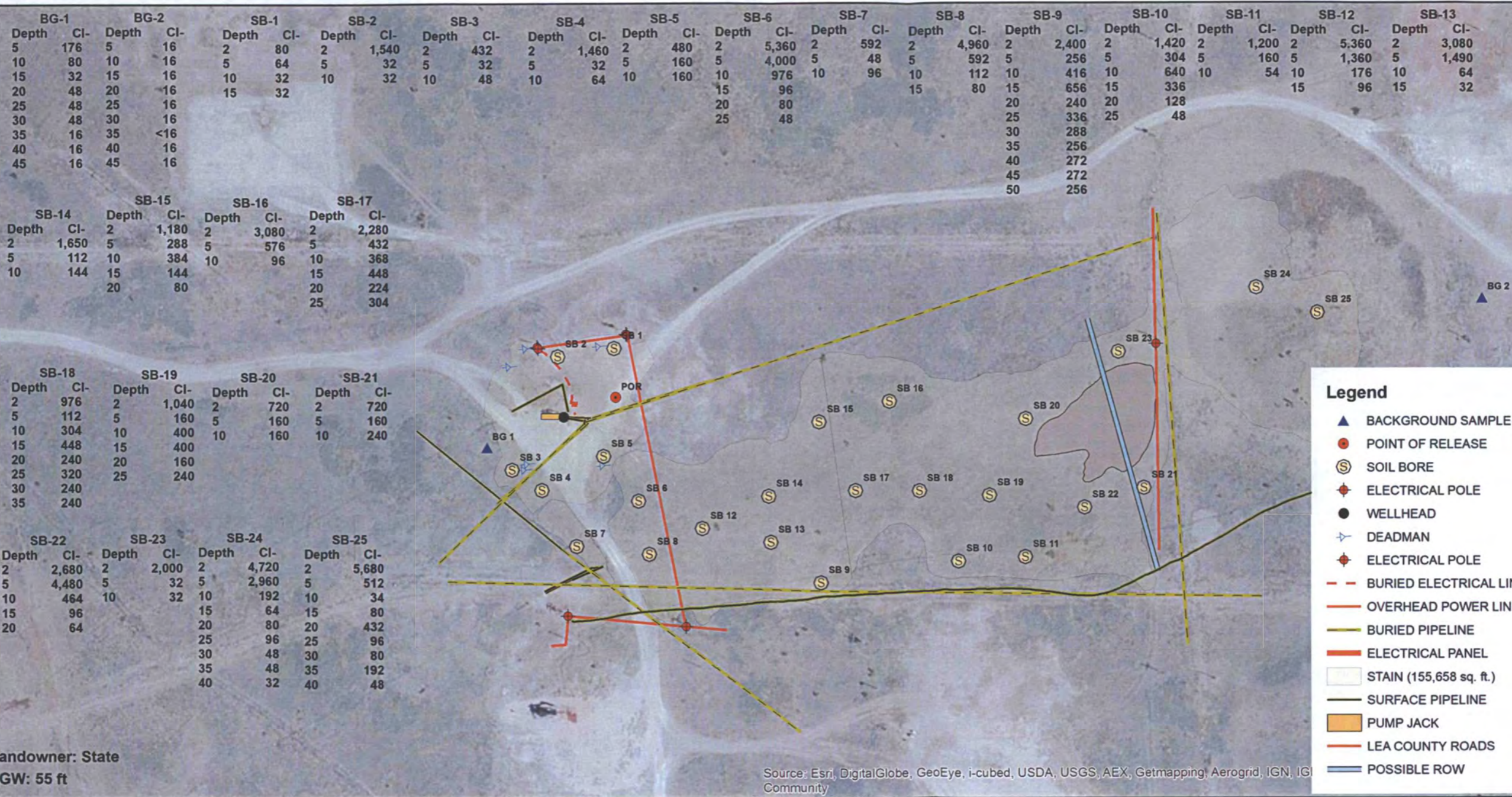
Attachments:

- Figure 1 – Soil Bore Installation Map
- Figure 2 – Excavation Map
- Appendix A – Initial C-141
- Appendix B – Soil Bore Installation Lab
- Appendix C – Work Plan Sampling Labs
- Appendix D – Photo Documentation
- Appendix E – Final C-141

Soil Bore Installation

Released to Imaging: 5/26/2026 9:33:20 AM

Released by OCD: 5/18/2026 11:25:48 AM



Legend

- ▲ BACKGROUND SAMPLE
- POINT OF RELEASE
- ⊙ SOIL BORE
- ⦿ ELECTRICAL POLE
- WELLHEAD
- ⚡ DEADMAN
- ⦿ ELECTRICAL POLE
- BURIED ELECTRICAL LINE
- OVERHEAD POWER LINE
- BURIED PIPELINE
- ELECTRICAL PANEL
- STAIN (155,658 sq. ft.)
- SURFACE PIPELINE
- PUMP JACK
- LEA COUNTY ROADS
- POSSIBLE ROW

Landowner: State
DGW: 55 ft

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGA, Community



CONOCO PHILLIPS
EVGSAU 3467-018

LEGALS UL/ B Sec. 34
T17S - R35E
LEA COUNTY, NM
1RP-01-12-2780

FIGURE 1

0 125 250 Feet

GPS date: 6/25/2013 JK
Drawing date: 6/26/2013

Page 35 of 137

Description:	CI-
Imported Top Soil	16
Imported Clay	<16

Sample Description	CI-
West Wall PT 1	128
West Wall PT 2	144
north wall 50'	64
north wall 75'	80
north wall 125'	208
north wall 150'	160
north wall 175'	208
north wall 225'	80
north wall 250'	<16
north wall 275'	32
north wall 325'	80
north wall 350'	96
north wall 375'	80
north wall 425'	64
north wall 450'	96
north wall 475'	128
north wall 525'	48
north wall 550'	32
north wall 575'	64

Sample Description	CI-
north wall 725'	<16
north wall 750'	<16
north wall 775'	144
north wall 825'	<16
north wall 850'	64

Sample Description	CI-
pt-1	80
pt-2	32
pt-3	96
pt-4	64
pt-5	48
pt-6	<16

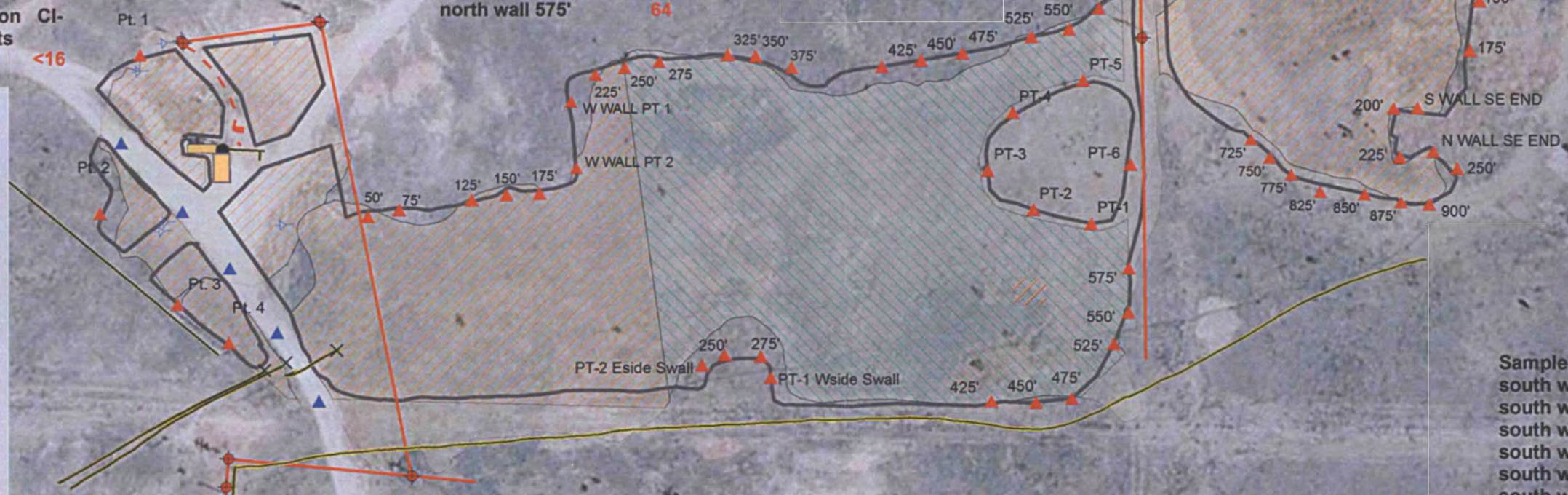
Lease Pad Sampling Data	CI-
Description:	CI-
Pt. 1	64
Pt. 2	<16
Pt. 3	96
Pt. 4	96

Sample Description	CI-
east wall 25'	160
east wall 50'	128
east wall 75'	80
east wall 125'	64
east wall 150'	64
east wall 175'	48
south wall SE End	32
east wall 200'	96
east wall 225'	144
north wall SE End	48
east wall 250'	64

Sample Description	CI-
Lease Road Points	<16
5-PT Comp	<16

Legend

- ▲ LEASE ROAD SAMPLING POINTS
- ✕ CUT LINE
- ◆ ELECTRIC POLE
- ⊠ ELECTRICAL BOX
- WELLHEAD
- ▲ SAMPLE POINT
- ⚡ DEADMAN
- LINE
- CEMENT BLOCK
- SURFACE PIPELINE
- - - BURIED ELECTRICAL LINE
- - - BURIED PIPELINE
- OVERHEAD POWER LINE
- ELECTRICAL PANEL
- PUMP JACK
- EXCAVATION
- STAIN (155,658 sq. ft.)
- ▨ 3 FT EXCAVATIONS
- ▩ 4 FT EXCAVATIONS
- LAB DATA



Sample Description	CI-
PT-1 Wside south wall	128
PT-2 Eside south wall	176
south wall 250'	128
south wall 275'	128
south wall 425'	<16
south wall 450'	96
south wall 475'	<16
south wall 525'	<16
south wall 550'	224
south wall 575'	32

Sample Description	CI-
south wall 725'	<16
south wall 750'	<16
south wall 775'	<16
south wall 825'	<16
south wall 850'	<16
south wall 875'	48
south wall 900'	32

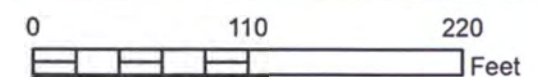
Landowner: State DGW: 55 ft



CONOCO PHILLIPS
EVGSAU 3467-018

LEGALS UL/ B Sec. 34
T17S - R35E
I.F.A COUNTY. NM

Figure 2



GPS date: 9/24/2013 KN
Drawing date: 9/24/2013



TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #: EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
BG-1	2-Feb-12	5	In Situ	--	--	--	--	--	--	--	--	--	--	--	176
BG-1	2-Feb-12	10	In Situ	--	--	--	--	--	--	--	--	--	--	--	80
BG-1	2-Feb-12	15	In Situ	--	--	--	--	--	--	--	--	--	--	--	32
BG-1	2-Feb-12	20	In Situ	--	--	--	--	--	--	--	--	--	--	--	48
BG-1	2-Feb-12	25	In Situ	--	--	--	--	--	--	--	--	--	--	--	48
BG-1	2-Feb-12	30	In Situ	--	--	--	--	--	--	--	--	--	--	--	48
BG-1	2-Feb-12	35	In Situ	--	--	--	--	--	--	--	--	--	--	--	16
BG-1	2-Feb-12	40	In Situ	--	--	--	--	--	--	--	--	--	--	--	16
BG-1	2-Feb-12	45	In Situ	--	--	--	--	--	--	--	--	--	--	--	16
BG-2	2-Feb-12	5	In Situ												16
BG-2	2-Feb-12	10	In Situ												16
BG-2	2-Feb-12	15	In Situ												16
BG-2	2-Feb-12	20	In Situ												16
BG-2	2-Feb-12	25	In Situ												16
BG-2	2-Feb-12	30	In Situ												16
BG-2	2-Feb-12	35	In Situ												16
BG-2	2-Feb-12	40	In Situ												16

TABLE 4
Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results.
 ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico
 NMOCD #; EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-2	2-Feb-12	40	In Situ	--	--	--	--	--	--	--	--	--	--	--	16
SBH-2	2-Feb-12	45	In Situ	--	--	--	--	--	--	--	--	--	--	--	16
SBH-1	2-Feb-12	2	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-1	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-1	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-1	2-Feb-12	15	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-2	2-Feb-12	2	In Situ	--	1040	--	--	--	--	--	--	--	--	--	540
SBH-2	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-2	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-3	2-Feb-12	2	In Situ	--	320	--	--	--	--	--	--	--	--	--	432
SBH-3	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-3	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	48
SBH-4	2-Feb-12	2	In Situ	--	800	--	--	--	--	--	--	--	--	--	460
SBH-4	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-4	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-5	2-Feb-12	2	In Situ	--	480	--	--	--	--	--	--	--	--	--	560

TABLE 4
Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #: EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-5	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-5	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	144
SBH-6	2-Feb-12	2	In Situ	--	4,480	--	--	--	--	--	--	--	--	--	5,360
SBH-6	2-Feb-12	5	In Situ	--	4,000	--	--	--	--	--	--	--	--	--	4,000
SBH-6	2-Feb-12	10	In Situ	--	880	--	--	--	--	--	--	--	--	--	976
SBH-6	2-Feb-12	15	In Situ	--	240	--	--	--	--	--	--	--	--	--	96
SBH-6	2-Feb-12	20	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-6	2-Feb-12	25	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-7	12-Feb-12	2	In Situ	--	400	--	--	--	--	--	--	--	--	--	592
SBH-7	2-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	48
SBH-7	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	96
SBH-8	2-Feb-12	2	In Situ	--	2,000	--	--	--	--	--	--	--	--	--	1,960
SBH-8	2-Feb-12	5	In Situ	--	480	--	--	--	--	--	--	--	--	--	592
SBH-8	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	112
SBH-8	2-Feb-12	15	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-9	2-Feb-12	2	In Situ	--	1,520	--	--	--	--	--	--	--	--	--	2,400

TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #; EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-9	2-Feb-12	5	In Situ	--	320	--	--	--	--	--	--	--	--	--	256
SBH-9	2-Feb-12	10	In Situ	--	400	--	--	--	--	--	--	--	--	--	416
SBH-9	2-Feb-12	15	In Situ	--	400	--	--	--	--	--	--	--	--	--	656
SBH-9	2-Feb-12	20	In Situ	--	320	--	--	--	--	--	--	--	--	--	240
SBH-9	2-Feb-12	25	In Situ	--	320	--	--	--	--	--	--	--	--	--	336
SBH-9	2-Feb-12	30	In Situ	--	320	--	--	--	--	--	--	--	--	--	288
SBH-9	2-Feb-12	35	In Situ	--	320	--	--	--	--	--	--	--	--	--	256
SBH-9	2-Feb-12	40	In Situ	--	320	--	--	--	--	--	--	--	--	--	272
SBH-9	2-Feb-12	45	In Situ	--	320	--	--	--	--	--	--	--	--	--	272
SBH-9	2-Feb-12	50	In Situ	--	320	--	--	--	--	--	--	--	--	--	256
SBH-10	2-Feb-12	2	In Situ	--	960	--	--	--	--	--	--	--	--	--	1420
SBH-10	2-Feb-12	5	In Situ	--	320	--	--	--	--	--	--	--	--	--	304
SBH-10	2-Feb-12	10	In Situ	--	640	--	--	--	--	--	--	--	--	--	640
SBH-10	2-Feb-12	15	In Situ	--	320	--	--	--	--	--	--	--	--	--	336
SBH-10	2-Feb-12	20	In Situ	--	160	--	--	--	--	--	--	--	--	--	128
SBH-10	2-Feb-12	25	In Situ	--	160	--	--	--	--	--	--	--	--	--	48

TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #; EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-11	2-Feb-12	2	In Situ	--	2,240	--	--	--	--	--	--	--	--	--	1,200
SBH-11	2-Feb-12	5	In Situ	--	240	--	--	--	--	--	--	--	--	--	160
SBH-11	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	54
SBH-12	2-Feb-12	2	In Situ	--	1,680	--	--	--	--	--	--	--	--	--	3,080
SBH-12	2-Feb-12	5	In Situ	--	1,200	--	--	--	--	--	--	--	--	--	1,490
SBH-12	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-12	2-Feb-12	15	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-13	2-Feb-12	2	In Situ	--	1,680	--	--	--	--	--	--	--	--	--	3,080
SBH-13	2-Feb-12	5	In Situ	--	1,200	--	--	--	--	--	--	--	--	--	1,490
SBH-13	2-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-13	2-Feb-12	15	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-14	2-Feb-12	2	In Situ	--	1,280	--	--	--	--	--	--	--	--	--	1,650
SBH-14	2-Feb-12	5	In Situ	--	320	--	--	--	--	--	--	--	--	--	112
SBH-14	2-Feb-12	10	In Situ	--	240	--	--	--	--	--	--	--	--	--	144
SBH-15	3-Feb-12	2	In Situ	--	1,120	--	--	--	--	--	--	--	--	--	1,180
SBH-15	3-Feb-12	5	In Situ	--	320	--	--	--	--	--	--	--	--	--	288

TABLE 4

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ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #: EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-15	3-Feb-12	10	In Situ	--	400	--	--	--	--	--	--	--	--	--	384
SBH-15	3-Feb-12	15	In Situ	--	240	--	--	--	--	--	--	--	--	--	144
SBH-15	3-Feb-12	20	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-16	3-Feb-12	2	In Situ	--	600	--	--	--	--	--	--	--	--	--	3,080
SBH-16	3-Feb-12	5	In Situ	--	240	--	--	--	--	--	--	--	--	--	576
SBH-16	3-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	96
SBH-17	3-Feb-12	2	In Situ	--	1,040	--	--	--	--	--	--	--	--	--	2,280
SBH-17	3-Feb-12	5	In Situ	--	400	--	--	--	--	--	--	--	--	--	432
SBH-17	3-Feb-12	10	In Situ	--	320	--	--	--	--	--	--	--	--	--	368
SBH-17	3-Feb-12	15	In Situ	--	320	--	--	--	--	--	--	--	--	--	448
SBH-17	3-Feb-12	20	In Situ	--	240	--	--	--	--	--	--	--	--	--	224
SBH-17	3-Feb-12	25	In Situ	--	240	--	--	--	--	--	--	--	--	--	304
SBH-18	3-Feb-12	2	In Situ	--	720	--	--	--	--	--	--	--	--	--	976
SBH-18	3-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	112
SBH-18	3-Feb-12	10	In Situ	--	320	--	--	--	--	--	--	--	--	--	304
SBH-18	3-Feb-12	15	In Situ	--	320	--	--	--	--	--	--	--	--	--	448

TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #; EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-18	31-Feb-12	20	In Situ	--	240	--	--	--	--	--	--	--	--	--	192
SBH-18	31-Feb-12	25	In Situ	--	320	--	--	--	--	--	--	--	--	--	320
SBH-18	31-Feb-12	30	In Situ	--	240	--	--	--	--	--	--	--	--	--	160
SBH-18	31-Feb-12	35	In Situ	--	240	--	--	--	--	--	--	--	--	--	96
SBH-19	3-Feb-12	2	In Situ	--	1,040	--	--	--	--	--	--	--	--	--	1,310
SBH-19	3-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	240
SBH-19	3-Feb-12	10	In Situ	--	400	--	--	--	--	--	--	--	--	--	352
SBH-19	3-Feb-12	15	In Situ	--	400	--	--	--	--	--	--	--	--	--	560
SBH-19	3-Feb-12	20	In Situ	--	160	--	--	--	--	--	--	--	--	--	144
SBH-19	3-Feb-12	25	In Situ	--	240	--	--	--	--	--	--	--	--	--	112
SBH-20	3-Feb-12	2	In Situ	--	720	--	--	--	--	--	--	--	--	--	1,340
SBH-20	3-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	96
SBH-20	3-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	64
SBH-21	3-Feb-12	2	In Situ	--	720	--	--	--	--	--	--	--	--	--	2,200
SBH-21	3-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	80
SBH-21	3-Feb-12	10	In Situ	--	240	--	--	--	--	--	--	--	--	--	128

TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #; EPI Ref. #150036

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SBH-20	1-Feb-12		In Situ	--	1537	--	--	--	--	--	--	--	--	--	1,550
SBH-20	1-Feb-12	5	In Situ	--	1,700	--	--	--	--	--	--	--	--	--	1,480
SBH-22	1-Feb-12		In Situ	--	143	--	--	--	--	--	--	--	--	--	41
SBH-22	1-Feb-12	5	In Situ	--	240	--	--	--	--	--	--	--	--	--	35
SBH-22	1-Feb-12	10	In Situ	--	61	--	--	--	--	--	--	--	--	--	64
SBH-23	3-Feb-12	2	In Situ	--	960	--	--	--	--	--	--	--	--	--	2,000
SBH-23	3-Feb-12	5	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-23	3-Feb-12	10	In Situ	--	160	--	--	--	--	--	--	--	--	--	32
SBH-24	1-Feb-12		In Situ	--	--	--	--	--	--	--	--	--	--	--	4,710
SBH-24	1-Feb-12	5	In Situ	--	--	--	--	--	--	--	--	--	--	--	2,960
SBH-24	1-Feb-12	10	In Situ	--	--	--	--	--	--	--	--	--	--	--	107
SBH-24	1-Feb-12	15	In Situ	--	--	--	--	--	--	--	--	--	--	--	11
SBH-24	1-Feb-12	20	In Situ	--	--	--	--	--	--	--	--	--	--	--	10
SBH-24	1-Feb-12	25	In Situ	--	--	--	--	--	--	--	--	--	--	--	49
SBH-24	1-Feb-12	30	In Situ	--	--	--	--	--	--	--	--	--	--	--	43
SBH-24	1-Feb-12	35	In Situ	--	--	--	--	--	--	--	--	--	--	--	48

TABLE 4

Summary of Soil Borings Soil Sample Field Analyses and Laboratory Analytical Results

ConocoPhillips

EVGSAU Tract 3467-018 Release Area - UL-B (NW1/4 of the NE1/4) of Section 34, T17S R32E; Lea County, New Mexico

NMOCD #: EPI Ref. #150036

Sample I.D.	Date	Depth (ft.)	Soil Status	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (C6-C10) (mg/Kg)	TPH (>C10-C28) (mg/Kg)	TPH (C28-C35) (mg/Kg)	Total TPH (C6-C35) (mg/Kg)	Chloride (mg/Kg)
SBH-24	3-Feb-12	40	In Situ	--	--	--	--	--	--	--	--	--	--	--	--
SBH-25	3-Feb-12	2	In Situ	--	--	--	--	--	--	--	--	--	--	--	5,680
SBH-25	3-Feb-12	5	In Situ	--	--	--	--	--	--	--	--	--	--	--	512
SBH-25	3-Feb-12	10	In Situ	--	--	--	--	--	--	--	--	--	--	--	64
SBH-25	3-Feb-12	15	In Situ	--	--	--	--	--	--	--	--	--	--	--	80
SBH-25	3-Feb-12	20	In Situ	--	--	--	--	--	--	--	--	--	--	--	432
SBH-25	3-Feb-12	25	In Situ	--	--	--	--	--	--	--	--	--	--	--	96
SBH-25	3-Feb-12	30	In Situ	--	--	--	--	--	--	--	--	--	--	--	80
SBH-25	3-Feb-12	35	In Situ	--	--	--	--	--	--	--	--	--	--	--	192
SBH-25	3-Feb-12	40	In Situ	--	--	--	--	--	--	--	--	--	--	--	48
NMOCD Remedial Threshold Goals				100		10				50				100	250

Bolded values are in excess of NMOCD Remediation Thresholds
 SBH - South Bore Hole
 J = Detected, but below Reporting Limits. Therefore, result is an estimated concentration (CLP J-Flag)
 -- = Not Analyzed; ND - Not Detected



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

June 28, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: CONOCO

Enclosed are the results of analyses for samples received by the laboratory on 06/27/13 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	06/27/2013	Sampling Date:	06/27/2013
Reported:	06/28/2013	Sampling Type:	Soil
Project Name:	CONOCO	Sampling Condition:	** (See Notes)
Project Number:	EVGSAU #3467-018	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: ROCK (H301533-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/28/2013	ND	432	108	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

July 01, 2013

KYLE NORMAN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EBGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 06/28/13 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received:	06/28/2013	Sampling Date:	06/28/2013
Reported:	07/01/2013	Sampling Type:	Soil
Project Name:	EBGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: ROCK SAMPLE #2 (H301541-01)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/01/2013	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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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

July 11, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: CONOCO EVGSAU - 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 07/01/13 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

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

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Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/01/2013	Sampling Date:	06/27/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL W END 50' (H301546-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: N WALL W END 75' (H301546-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: N WALL W END 125' (H301546-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: N WALL W END 150' (H301546-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/09/2013	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/01/2013	Sampling Date:	06/27/2013
Reported:	07/11/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL W END 175' (H301546-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: S WALL E END 725' (H301546-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: S WALL E END 750' (H301546-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/09/2013	ND	432	108	400	0.00		

Sample ID: S WALL E END 775' (H301546-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/09/2013	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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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: RECS		BILL TO		ANALYSIS REQUEST																					
Project Manager: Hask Conder		P.O. #:																							
Address:		Company:																							
City:	State:	Zip:	Attn:																						
Phone #:	Fax #:	Address:																							
Project #:	Project Owner:		City:																						
Project Name: Conoco	State:		Zip:																						
Project Location: EUGSAW - 3467-018	Phone #:																								
Sampler Name: JKamplain	Fax #:																								
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME											
H301546																									
1	N. Wall W. End 50'	9	1			/				/			6-27-13	7:00	✓										
2	N. Wall W. End 75'	9	1			/				/				11:30	✓										
3	" " 125'	9	1			/				/				11:32	✓										
4	" " 150'	9	1			/				/				11:35	✓										
5	" " 175'	9	1			/				/				11:00	✓										
6	S. Wall E. End 725'	9	1			/				/				3:30	✓										
7	" " 750'	9	1			/				/				3:35	✓										
8	" " 775'	9	1			/				/				3:40	✓										

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Relinquished By: <i>[Signature]</i>	Date: 7-1-13	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 7:30		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>[Signature]</i>	Date: 7-1-13	Received By: <i>[Signature]</i>	REMARKS: JKamplain@rice-ecs.com	
	Time: 9:00		knorman@rice-ecs.com	
Delivered By: (Circle One)		Sample Condition	CHECKED BY: <i>[Signature]</i>	
Sampler - UPS - Bus - Other:		Cool Intact		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input type="checkbox"/> No		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

July 16, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: CONOCO EVGSAU - 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 07/12/13 10:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

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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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/12/2013	Sampling Date:	07/10/2013
Reported:	07/16/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL W END 325' (H301629-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/15/2013	ND	400	100	400	0.00		

Sample ID: N WALL W END 350' (H301629-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/15/2013	ND	400	100	400	0.00		

Sample ID: N WALL W END 375' (H301629-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/15/2013	ND	400	100	400	0.00		

Sample ID: W WALL N END (H301629-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/15/2013	ND	400	100	400	0.00		

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

Notes and Definitions

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- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

July 16, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: CONOCO EVGSAU - 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 07/16/13 9:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

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Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/16/2013	Sampling Date:	07/12/2013
Reported:	07/16/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S. WALL 825' (H301653-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: S. WALL 850' (H301653-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: S. WALL 875' (H301653-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: N. WALL 225' (H301653-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/16/2013	ND	416	104	400	3.92		

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/16/2013	Sampling Date:	07/12/2013
Reported:	07/16/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N. WALL 250' (H301653-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: N. WALL 275' (H301653-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: N. WALL 50' (H301653-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: N. WALL 75' (H301653-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/16/2013	ND	416	104	400	3.92		

Sample ID: WEST WALL PT. 1 (H301653-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/16/2013	ND	416	104	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/16/2013	Sampling Date:	07/16/2013
Reported:	07/16/2013	Sampling Type:	Soil
Project Name:	CONOCO EVGSAU - 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: WEST WALL PT. 2 (H301653-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/16/2013	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: Recs	BILL TO	ANALYSIS REQUEST	
Project Manager: Hack Conder	P.O. #:	Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS	
Address:	Company:		
City: Hobbs State: NM Zip: 88240	Attn:		
Phone #: Fax #:	Address:		
Project #: Project Owner:	City:		
Project Name:	State: Zip:		
Project Location: EVGSA 3467-018	Phone #:		
Sampler Name: Kyle Norman	Fax #:		

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING			
GROUNDWATER	WASTEWATER					SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			
		H301653															
		1	S. Wall 825'	G	1			✓						7-12-13	8:00	✓	
		2	S. Wall 850'	G	1			✓						"	8:05	✓	
		3	S. Wall 875'	G	1			✓						"	8:10	✓	
		4	N. Wall 225'	G	1			✓						"	10:30	✓	
		5	N. Wall 250'	G	1			✓						"	10:35	✓	
		6	N. Wall 275'	G	1			✓						"	10:40	✓	
		7	N. Wall 50'	G	1			✓						7-16-13	8:10	✓	
		8	N. Wall 75'	G	1			✓						"	8:15	✓	
		9	West Wall Pt. 1	G	1			✓						"	8:20	✓	
		10	West Wall Pt. 2	G	1			✓						"	8:25	✓	

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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Kyle Norman</i>	Date: 7-16-13 Time: 9:15	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>	REMARKS: email results: zconder@rice-ecs.com Knorman@rice-ecs.com; lpena@riceswd.com Kjones@riceswd.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com <i>J Kamplain@rice-ecs.com</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

July 27, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 07/24/13 9:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/24/2013	Sampling Date:	07/24/2013
Reported:	07/27/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: IMPORTED CLAY (H301733-01)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/25/2013	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

August 05, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 07/31/13 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	07/31/2013	Sampling Date:	07/31/2013
Reported:	08/05/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL SE END (H301808-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/01/2013	ND	432	108	400	0.00		

Sample ID: N WALL @ 725' (H301808-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/01/2013	ND	432	108	400	0.00		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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- 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



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August 13, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/12/13 10:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/12/2013	Sampling Date:	08/12/2013
Reported:	08/13/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 W SIDE S WALL (H301902-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	08/13/2013	ND	432	108	400	0.00		

Sample ID: PT. 2 E SIDE S WALL (H301902-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/13/2013	ND	432	108	400	0.00		

Sample ID: S WALL @ 250' (H301902-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/13/2013	ND	432	108	400	0.00		

Sample ID: S WALL @ 275' (H301902-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/13/2013	ND	432	108	400	0.00		

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: RECS
Project Manager: Hack Conder
Address: Hobbs NM Zip: 88240
Project #: Project Owner:
Project Name:
Project Location: EUGSA 3467-018
Sampler Name: Kyle Norman

BILL TO
ANALYSIS REQUEST
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

Table with columns for Chlorides, TPH 8015 M, BTEX, Texas TPH, Complete Cations/Anions, TDS.

Table with columns: Lab I.D., Sample I.D., # 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 analyses.

Relinquished By: Kyle Norman
Received By: Jodi Henson
Date: 5-11-13
Time: 10:55
Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Sample Condition Cool Intact
CHECKED BY: (Initials)

Phone Result: Yes No
Fax Result: Yes No
Add'l Phone #:
Add'l Fax #:
REMARKS:
email results:
Knorman@rice-ecs.com; lpena@riceswd.com
Kjones@riceswd.com;
hconder@rice-ecs.com; Lweinheimer@rice-ecs.com

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

August 13, 2013

HACK CONDER
RICE ENVIRONMENTAL CONSULTING & SAFETY LLC
419 W. CAIN
HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/13/13 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/13/2013	Sampling Date:	08/13/2013
Reported:	08/13/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL @ 750' (H301916-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: N WALL @ 775' (H301916-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: N WALL @ 825' (H301916-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: N WALL @ 850' (H301916-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/13/2013	ND	432	108	400	3.64		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/13/2013	Sampling Date:	08/13/2013
Reported:	08/13/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: E WALL @ 25' (H301916-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: E WALL @ 50' (H301916-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: E WALL @ 250' (H301916-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/13/2013	ND	432	108	400	3.64		

Sample ID: S WALL @ 900' (H301916-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/13/2013	ND	448	112	400	11.3		

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

August 15, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/15/13 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/15/2013	Sampling Date:	08/15/2013
Reported:	08/15/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 W SIDE S WALL (H301944-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/15/2013	ND	400	100	400	0.00		

Sample ID: N WALL @ 825' (H301944-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/15/2013	ND	400	100	400	0.00		

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

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

August 20, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/20/13 12:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/20/2013	Sampling Date:	08/20/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: IMPORTED TOP SOIL (H301983-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/20/2013	ND	400	100	400	0.00		

Sample ID: E. WALL @ 75' (H301983-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/20/2013	ND	400	100	400	0.00		

Sample ID: E. WALL @ 200' (H301983-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/20/2013	ND	400	100	400	0.00		

Sample ID: E. WALL @ 225' (H301983-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/20/2013	ND	400	100	400	0.00		

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Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/20/2013	Sampling Date:	08/20/2013
Reported:	08/20/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S. WALL @ 425' (H301983-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2013	ND	400	100	400	0.00		

Sample ID: S. WALL @ 450' (H301983-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/20/2013	ND	400	100	400	0.00		

Sample ID: S. WALL @ 475' (H301983-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/20/2013	ND	400	100	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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- 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



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

✓ BUSH ✓

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RECS		BILL TO		ANALYSIS REQUEST									
Project Manager: Hack Conder		P.O. #:		Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS									
Address:		Company:											
City: Hobbs State: NM Zip: 88240		Attn:											
Phone #: Fax #:		Address:											
Project #: Project Owner:		City:											
Project Name:		State: Zip:											
Project Location: EUGSAC 3467-018		Phone #: Fax #:											
Sampler Name: Kyle Norman		Fax #:											

FOR LAB USE ONLY		GRAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME						
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:									
H301983																					
	1 Imported Top Soil	(S)	1			✓							8-20-13	8:15	✓						
	2 EWall @ 75'	(S)	1			✓							"	8:30	✓						
	3 EWall @ 200'	(S)	1			✓							"	8:40	✓						
	4 EWall @ 225'	(S)	1			✓							"	8:55	✓						
	5 SWall @ 425'	(S)	1			✓							"	9:15	✓						
	6 SWall @ 450'	(S)	1			✓							"	9:45	✓						
	7 SWall @ 475'	(S)	1			✓							"	10:30	✓						

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Relinquished By: <i>Kyle Norman</i>	Date: 8-20-13	Received By: <i>Jodi Henson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 12:40		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: zconder@rice-ecs.com Knorman@rice-ecs.com; lpena@riceswd.com Kjones@riceswd.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <i>JH</i>		
Sampler - UPS - Bus - Other:	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

August 23, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/22/13 12:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/22/2013	Sampling Date:	08/22/2013
Reported:	08/23/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: E WALL 125' (H302015-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: E WALL 150' (H302015-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: E WALL 175' (H302015-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: S WALL SE END (H302015-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/23/2013	ND	416	104	400	3.92		

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/22/2013	Sampling Date:	08/22/2013
Reported:	08/23/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	NOT GIVEN		

Sample ID: S WALL 525' (H302015-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: S WALL 550' (H302015-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: S WALL 575' (H302015-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/23/2013	ND	416	104	400	3.92		

Sample ID: ISLAND PT. 1 (H302015-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/23/2013	ND	416	104	400	3.92		

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RECS		BILL TO		ANALYSIS REQUEST																					
Project Manager: Hack Conder		P.O. #:		Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS																					
Address:		Company:																							
City: Hobbs State: NM Zip: 88240		Attn:																							
Phone #: Fax #:		Address:																							
Project #: Project Owner:		City:																							
Project Name:		State: Zip:																							
Project Location: EUGSAU 3467-018		Phone #:																							
Sampler Name: Kyle Norman		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
H302015-																									
01	EWall 125'	S	1			✓							8-22-13	7:30	✓										
02	EWall 150'	S	1			✓							11	7:40	✓										
03	EWall 175'	S	1			✓							11	8:00	✓										
04	Swall SE end	S	1			✓							11	8:20	✓										
05	Swall 525'	S	1			✓							11	8:40	✓										
06	Swall 550'	S	1			✓							11	9:00	✓										
07	Swall 575'	S	1			✓							11	9:20	✓										
08	Island Ptrl	S	1			✓							11	9:40	✓										

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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Kyle Norman</i>	Date: 8-22-13	Received By: <i>C. L. Greene</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 12:57		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: zconder@rice-ecs.com Knorman@rice-ecs.com; lpena@riceswd.com Kjones@riceswd.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No	<i>ADK</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

August 26, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/23/13 11:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/23/2013	Sampling Date:	08/23/2013
Reported:	08/26/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NOONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL @ 425' (H302030-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2013	ND	400	100	400	7.69		

Sample ID: N WALL @ 450' (H302030-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2013	ND	400	100	400	7.69		

Sample ID: N WALL @ 475' (H302030-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/26/2013	ND	400	100	400	7.69		

Sample ID: ISLAND PT. 2 (H302030-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2013	ND	400	100	400	7.69		

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/23/2013	Sampling Date:	08/23/2013
Reported:	08/26/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NOONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: ISLAND PT. 3 (H302030-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2013	ND	400	100	400	7.69		

Sample ID: ISLAND PT. 4 (H302030-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2013	ND	400	100	400	7.69		

Sample ID: ISLAND PT. 5 (H302030-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/26/2013	ND	400	100	400	7.69		

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

Notes and Definitions

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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RECS		BILL TO		ANALYSIS REQUEST																	
Project Manager: Hack Conder		P.O. #:		Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS																	
Address:		Company:																			
City: Hobbs State: NM Zip: 88240		Attn:																			
Phone #: Fax #:		Address:																			
Project #: Project Owner:		City:																			
Project Name:		State: Zip:																			
Project Location: EUGSAU 3467-018		Phone #:																			
Sampler Name: Kyle Norman		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME							
H302030																					
1	N Wall @ 425'	5	1										8-23-13	8:00	✓						
2	N Wall @ 450'	5	1										11	8:15	✓						
3	N Wall @ 475'	5	1										11	8:30	✓						
4	Island Pt 2	5	1										11	9:15	✓						
5	Island Pt 3	5	1										11	9:45	✓						
6	Island Pt 4	5	1										11	10:00	✓						
7	Island Pt 5	5	1										11	10:45	✓						

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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Kyle Norman</i>	Date: 8-23-13	Received By: <i>Jodi Henson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 11:45		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: zconder@rice-ecs.com Knorman@rice-ecs.com; lpena@riceswd.com Kjones@riceswd.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com	
Delivered By: (Circle One)	Sample Condition	Checked By: <i>JH</i>		
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials)		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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

August 27, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 08/26/13 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/ga/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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	08/26/2013	Sampling Date:	08/26/2013
Reported:	08/27/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NOONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: N WALL 525' (H302054-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/27/2013	ND	400	100	400	0.00		

Sample ID: N WALL 550' (H302054-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/27/2013	ND	400	100	400	0.00		

Sample ID: N WALL 575' (H302054-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/27/2013	ND	400	100	400	0.00		

Sample ID: PT. 6 ISLAND (H302054-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/27/2013	ND	400	100	400	0.00		

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

September 04, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 09/03/13 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	09/03/2013	Sampling Date:	09/03/2013
Reported:	09/04/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: 5 PT COMP ROAD (H302106-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/03/2013	ND	193	96.6	200	0.952		
DRO >C10-C28	<10.0	10.0	09/03/2013	ND	188	93.9	200	1.17		

Surrogate: 1-Chlorooctane 82.3 % 65.2-140
 Surrogate: 1-Chlorooctadecane 83.6 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

September 24, 2013

HACK CONDER

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: EVGSAU 3467-018

Enclosed are the results of analyses for samples received by the laboratory on 09/23/13 13:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
 HACK CONDER
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

Received:	09/23/2013	Sampling Date:	09/23/2013
Reported:	09/24/2013	Sampling Type:	Soil
Project Name:	EVGSAU 3467-018	Sampling Condition:	** (See Notes)
Project Number:	NOONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 LEASE PAD (H302308-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/24/2013	ND	416	104	400	3.77		

Sample ID: PT. 2 LEASE PAD (H302308-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/24/2013	ND	416	104	400	3.77		

Sample ID: PT. 3 LEASE PAD (H302308-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/24/2013	ND	416	104	400	3.77		

Sample ID: PT. 4 LEASE PAD (H302308-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/24/2013	ND	416	104	400	3.77		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

RUSH

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RECS		BILL TO		ANALYSIS REQUEST																					
Project Manager: Hack Conder		P.O. #:		Chlorides TPH 8015 M BTEX Texas TPH Complete Cations/Anions TDS																					
Address:		Company:																							
City: Hobbs State: NM Zip: 88240		Attn:																							
Phone #: Fax #:		Address:																							
Project #: Project Owner:		City:																							
Project Name:		State: Zip:																							
Project Location: EUG.SAU 3467-01B		Phone #:																							
Sampler Name: Kyle Norman		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING															
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
H302308																									
1	Pt1 Lease Pad	G	1			✓							9-23-13	9:00	✓										
2	Pt2 Lease Pad	G	1			✓							11	9:10	✓										
3	Pt3 Lease Pad	G	1			✓							11	9:20	✓										
4	Pt4 Lease Pad	G	1			✓							11	9:30	✓										

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Relinquished By: <i>Kyle</i>	Date: 9-23-13	Received By: <i>Joni Anderson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 1:37		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results: zconder@rice-ecs.com Knorman@rice-ecs.com; lpena@riceswd.com Kjones@riceswd.com; Bbaker@rice-ecs.com; hconder@rice-ecs.com; Lweinheimer@rice-ecs.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>[Signature]</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54

Appendix D

Photo Documentation

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

Conoco Phillips EVGSAU 3467-018

Unit Letter B, Section 34, T17S, R35E



Site photo, facing north

6/24/13



Site photo, facing east

6/24/13



Site photo, facing south

6/24/13



Site photo, facing west

6/24/13



Excavating site, facing south

6/25/13



Hand auguring point, facing east

6/27/13



Sampling rock

6/27/13



Exporting soil, facing west

6/28/13



Collecting sample, facing west

7/9/13



Rock pile, facing northeast

7/25/2013



Importing clay, facing south

7/29/2013



Clay liner, facing south

7/29/2013



Screening rock from sand, facing west 7/30/2013



Continuing excavation, facing north 7/30/13



Placing 1 foot of rock over clay, facing south 8/9/13



3 ft section with clay and 4 ft section with rock overlay, facing south 8/13/13



3 ft section with clay and 4 ft section with rock overlay, facing southwest 8/13/13



Importing clay and installing liner on east side excavation, facing southwest 8/13/13



Installing clay liner on east side, facing SW 8/13/13



Installing topsoil over middle excavation, facing east 8/22/13



Importing topsoil, facing north 8/22/13



Completed topsoil over middle 4 ft excavation, facing south 8/22/13



Excavating SB-22 another foot, facing west 8/22/13



SB-22 excavation completed, facing northeast 8/22/13



Clay liner installed in east excavation at 4 ft bgs, facing east-northeast 8/23/13



Installing 1 ft of rock over clay in east excavation, facing south 8/23/13



1 foot of rock over clay in east excavation completed, facing south 8/23/13



Completed middle excavation, facing southwest 8/26/13



Installing clay liner in middle excavation, facing west
8/27/13



Completed clay liner in middle excavation, facing
northeast 8/28/13



Placing topsoil over east excavation, facing east
8/28/13



East end excavation completed, facing south 9/6/13



Backfilling middle excavation, facing north 9/10/13



Middle excavation completed, facing west 9/12/13



Excavating around lease pad, facing east 9/12/13



Excavation around lease pad completed, facing south 9/16/13



Excavating on lease pad, facing southwest 9/18/13



Excavating on lease pad completed, facing north 9/24/13



Clay liner installed in pad excavations, facing south 9/26/13



Importing soil, facing east 9/26/13



Backfilling lease pad, facing east

9/26/13



Installed rock layer on pad, facing southwest

9/27/13



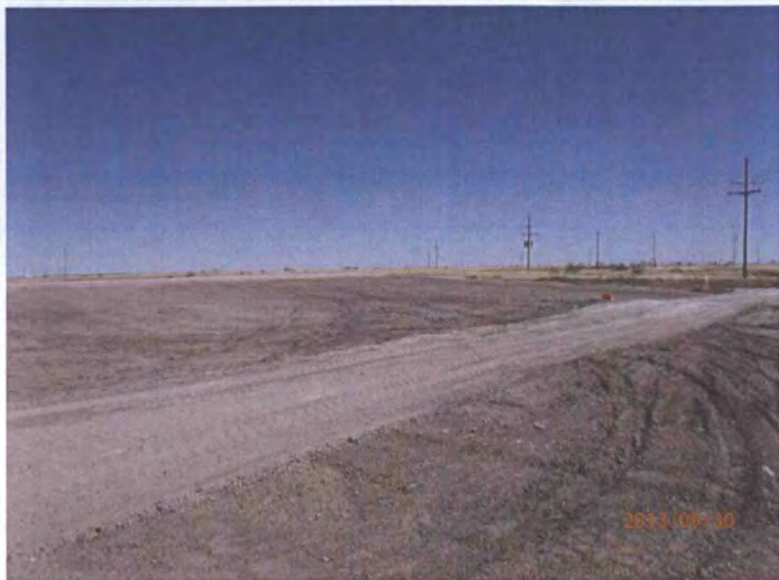
Lease pad backfilled, facing south

9/30/13



Back-dragging middle excavation, facing east

9/30/13



Middle excavation completed, facing southeast 9/30/13



Lease pad excavation completed, facing north 9/30/13



Ripping soil prior to seeding, facing north 10/9/13



Seeding soil, facing southeast 10/9/13

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 586004

QUESTIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0531138748
Incident Name	NPAC0531138748 EAST VACUUM (GSA) UNIT #018 @ 30-025-02999
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-02999] EAST VACUUM (GSA) UNIT #018

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	EAST VACUUM (GSA) UNIT #018
Date Release Discovered	09/21/2005
Surface Owner	State

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

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: Corrosion Flow Line - Production Crude Oil Released: 15 BBL Recovered: 14 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 5 BBL Recovered: 3 BBL Lost: 2 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)	Not answered.

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QUESTIONS, Page 2

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

Initial Response

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

The source of the release has been stopped	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: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 05/18/2026
--	--

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QUESTIONS, Page 3

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
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 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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	Yes

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)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	01/30/2026
On what date will (or did) the final sampling or liner inspection occur	01/30/2026
On what date will (or was) the remediation complete(d)	01/30/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	2100
What is the estimated volume (in cubic yards) that will be remediated	40

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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**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 4

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 05/18/2026
--	--

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

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QUESTIONS, Page 5

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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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Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS, Page 6

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	353212
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/13/2024
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	800

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2100
What was the total volume (cubic yards) remediated	40
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	None

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrattech.com Date: 05/18/2026
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 586004

QUESTIONS (continued)

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 586004

CONDITIONS

Operator: Maverick Permian LLC 500 Dallas Street, Suite 2300 Houston, TX 77002	OGRID: 331199
	Action Number: 586004
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure approved.	5/26/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/26/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/26/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/26/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/26/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	5/26/2026