MCA UNIT #234

nTO1506431098

PREPARED BY SAPEC-ECO, LLC.
PREPARED FOR MAVERICK PERMIAN, LLC.

Proposed Sampling and Remediation Work Plan

April 3, 2025

Sapec-Eco
5846 E 21st Place
Tulsa, OK 74114

Attn: NMOCD District 1
1625 N French Dr.
Hobbs, NM 88240

Re: Proposed Sampling and Remediation Work Plan
NMOCD Incident Number: ***nTO1506431098***
MCA Unit #234 API No. 30-025-20522
Unit N, Section 21, Township 17S, Range 32E 25 FSL 1325 FWL Lea County, NM
GPS Coordinates: Latitude 32.8129044 Longitude -103.7757492 NAD83

Sapec-Eco (Sapec) has been contracted by Maverick Permian, LLC. (Maverick) to review and research this historic incident then prepare this proposed sampling and remediation work plan for a crude oil release that occurred at the MCA Unit #234 (Site). This incident was assigned Incident ID nTO1506431098 by the New Mexico Oil Conservation Division (NMOCD).

Release Information – nTO1506431098

The initial Form C-141 was submitted on March 5, 2015 (Appendix A) and stated that "On 3/3/15, at approximately 8:00 am, a spill occurred at the Buckeye MCA Battery #2. MSO noticed a leak coming from the battery. MSO equalized oil to the sales tank to stop the spill. The affected area is 230' X 6' X 1" on caliche pad. Total spill volume was 8.3 bbl. of oil and 7 bbl. of oil were recovered by a vacuum truck. A work order will be submitted for the affected area will be remediated according to NMOCD and COPC and BLM guidelines." This initial Form C-141 was approved by the NMOCD on March 5, 2015.

Site Characterization

This Site is in Lea County, NM, approximately three (3) miles southwest of Maljamar, NM. The wellhead is in Unit N, Section 21, Township 17S, Range 32E. The release area, however, is in Unit D of Section 28, T17S, R32E at 32.821575 degrees latitude and -103.776235 degrees longitude. A Location Map is included for reference in Figure 5.

The New Mexico Bureau of Geology and Mineral Resources shows the geology at this Site includes Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. A Geologic Unit Map can be found in Appendix C.

The soil type present at the Site is Kermit soils and Dune land, dry, 0 to 12 percent slopes. The drainage class for this soil type is excessively drained. Soil type information is according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The Soil Survey and a Soil Map can be referenced in Appendix C. Reference Figure 4 for a Topographic Map.

The Site resides in a low karst zone and is approximately 9.73 miles away from the nearest medium karst zone. Figure 3 refers to the Karst Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 81 feet below grade surface (bgs). This information is recorded by RA-12020-POD1 which is situated approximately 0.21 miles away from the Site. This information is from 2013. The United States Geological Survey (USGS) offers the site USGS 325028103441301 17S.32E.11.34332 which shows depth to the nearest groundwater is 48 feet bgs. The latest gauge of this site was conducted in 1996, and it is located approximately 2.93 miles from the Site.

The nearest surface water feature is Conoco Pond, and it is located approximately 1.43 miles to the east. The U.S. Fish and Wildlife Service National Wetlands Inventory shows the nearest wetland to be a Freshwater Pond approximately 630 feet southeast. According to Fema's National Flood Hazard Layer search, the Site is situated in Zone D – Area of Undetermined Flood Hazard and is 3.39 miles away from the nearest flood hazard zone. See Appendix B for referenced Water Surveys and Water-Related Maps.

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 habitats. However, the Site does lie within the Isolated Population Area of the Lesser Prairie Chicken Habitat

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and the Dunes Sage Brush Lizard Habitat. Any work taking place at this location between March 1 and June 15 will strictly adhere to the timing restrictions outlined in the Special Status Species Resource Management Plan Amendment. A Special Status Plant/Wildlife Map is included in Figure 2.

The remediation area at the Site is in previously disturbed and previously undisturbed areas developed for oil and gas extraction; therefore, a cultural resource survey will be required at the Site for planned remediation/reclamation activities. The requirements of the Cultural Properties Protection (CCP) Rule will be followed.

Assessment and Delineation Activities

On December 16, 2015, Basin personnel were on site to assess the release. Three points within the release area were sampled with depth. All samples were field tested for chlorides and organic vapors, and representative samples were taken to a commercial laboratory for analysis.

Basin completed a Corrective Action Plan that was submitted to the NMOCD on December 31, 2015. The plan was approved by the NMOCD the same day. This plan can be found in the Incident Files link on the OCD Permitting page for this incident. It is also included for reference as Appendix E.

Proposed Sampling & Remediation Activities

Due to the previously approved Corrective Action Plan being 9+ years old, the site characterization information has been updated to reflect current standards. Because no documented activity has taken place at this Site, Maverick would like to propose the following:

- The area of concern measures approximately 451 square feet and includes the pad surface and pasture to the south.
- Collect discrete samples from within and around the edges of the release area to evaluate the presence of contaminants. Fifteen (15) samples will be collected from 3 different sample points within the release area from depths of surface, 1', 2', 3', and 4' bgs. Twenty (20) samples will be collected from 4 different sample points around the edges of the release area from depths of surface, 1', 2', 3', and 4' bgs.
- All samples will be put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories where they will be analyzed for all the constituents listed in Table 1 19.15.29.12 NMAC.
- A 48-hour sampling notification will be issued to the NMOCD for these sampling events. A variance request is included below for permission to use the delineation samples as confirmations samples depending on the sample results of the soil. A Proposed Sample Map can be found in Figure 1.
- If any samples do not verify delineation, then the "step-out" method will be used for horizontal delineation samples until sample results can confirm delineation. Also, for vertical delineation samples, any samples not verifying delineation will be advanced deeper until sample results can confirm delineation.
- Sample results from the pasture area that are over the regulatory limits of the less than 50-foot depth to groundwater section of Table 1 will be measured for total area and affected volume then removed via mechanical excavation means. Sample results from the pad area that are over the regulatory limits of the 51-100-foot depth to groundwater section of Table 1 will be measured for total area and affected volume then removed via mechanical excavation means. The contaminated soil will be hauled to an NMOCD-approved disposal facility and clean, like material will be brought to the Site for backfilling the excavated area. Ensuring the top two (2) feet of soil in the pasture, at a minimum, will be clean topsoil that will be prepared as a seed bed and reseeded with the approved seed mixture for the soil type and area.
- Once all sample results confirm delineation is complete, and contamination isn't present or has been removed, a remediation closure report will be drafted and submitted to the NMOCD Pay Portal for review/approval.

Variance Request

Maverick would like to respectfully request to use the delineation samples as confirmation samples in the event the laboratory samples results confirm that no contamination is present at any or all of the sample points. Maverick will diligently remediate all contaminants found in the pasture that have reported results being over the regulatory limits of the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. Chlorides should be no more than 600 mg/kg. TPH (GRO+DRO+ORO) should be no more than 100 mg/kg. BTEX should be no more than 50 mg/kg. Benzene should be no more than 10 mg/kg. Maverick will also diligently remediate all contaminants found on the pad that have reported results being over the regulatory limits of the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. Chlorides

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should be no more than 10,000 mg/kg. TPH (GRO+DRO+ORO) should be no more than 2,500 mg/kg. GRO+DRO should not be more than 1,000 mg/kg. BTEX should be no more than 50 mg/kg. Benzene should be no more than 10 mg/kg.

Once official verification is received that contaminants are not present, or have been successfully removed from all areas within and around the Site, a remediation closure report will be drafted and submitted for approval. During this time, reclamation and revegetation activities of the pasture will commence. After all activities have been performed and documented, a final reclamation and revegetation report will be drafted and submitted for approval.

Request for Proposed Sampling & Remediation Work Plan Approval

Maverick requests that this proposed sampling & remediation work plan for incident ID nTO1506431098 be approved. All rules and regulations set forth in 19.15.29.12 NMAC have been complied with.

For questions or additional information, please reach out to:
Maverick Permian – Bryce Wagoner – Bryce.Wagoner@mavresources.com – (928) 241-1862
Sapec-Eco, LLC – Tom Bynum – tombynum@sapec-eco.com – (580) 748-1613

Attachments

Figures:

1- Proposed Sample Map
2- Special Status Plant/Wildlife Map
3- Karst Map
4- Topographic Map
5- Location Map

Appendices:

Appendix A – Initial Form C-141
Appendix B – Water Surveys & Water-Related Maps
Appendix C – Soil Surveys, Soil Map, & Geologic Unit Map
Appendix D – Photographic Documentation
Appendix E – NMOCD-Approved Corrective Action Plan (2015)

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Figures:

Proposed Sample Map

Special Status Plant/Wildlife Map

Karst Map

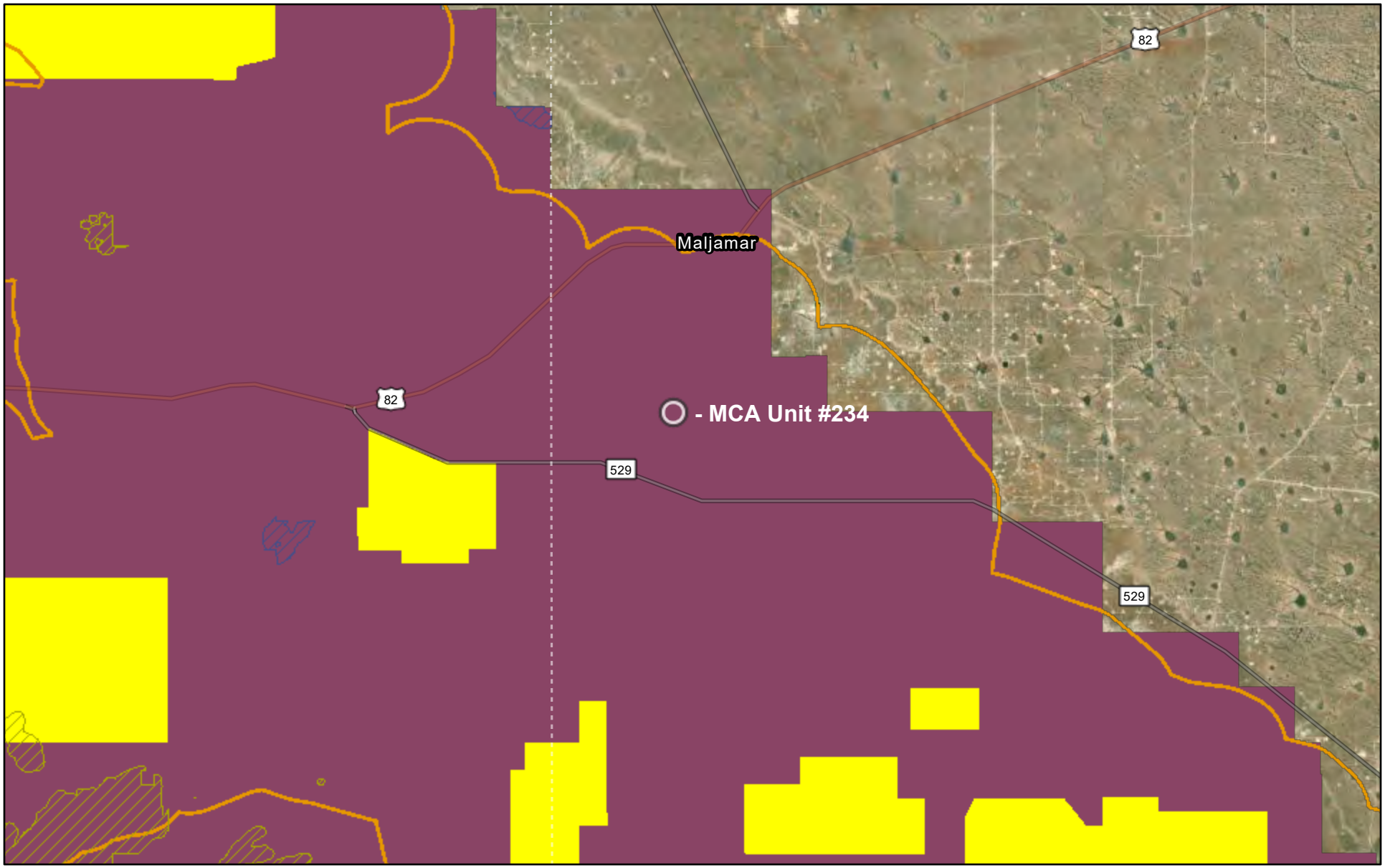
Topographic Map

Location Map

MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Proposed Sample Map

Special Status Plant/Wildlife Map



4/2/2025

1:188,288

0 1.25 2.5 5 mi

0 2 4 8 km

Potential Habitat (Planning Area Only)
- Scheer's beehive cactus
- Tharp's blue-star
- Dunes Sage Brush Lizard Habitat

Lesser Prairie Chicken Habitat
- Habitat Evaluation Area
- Isolated Population Area

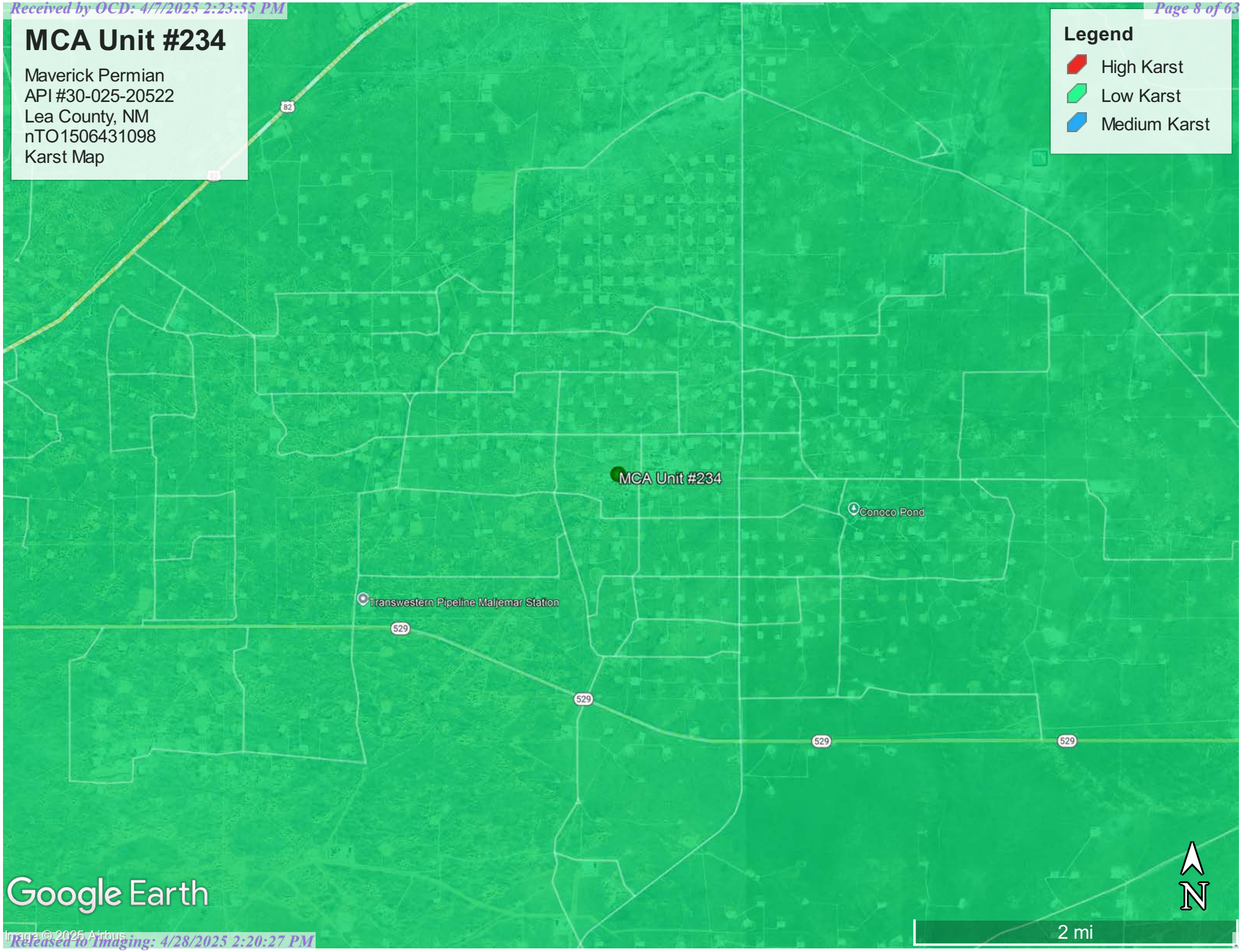
World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery

Citations
- 38m Resolution Metadata

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

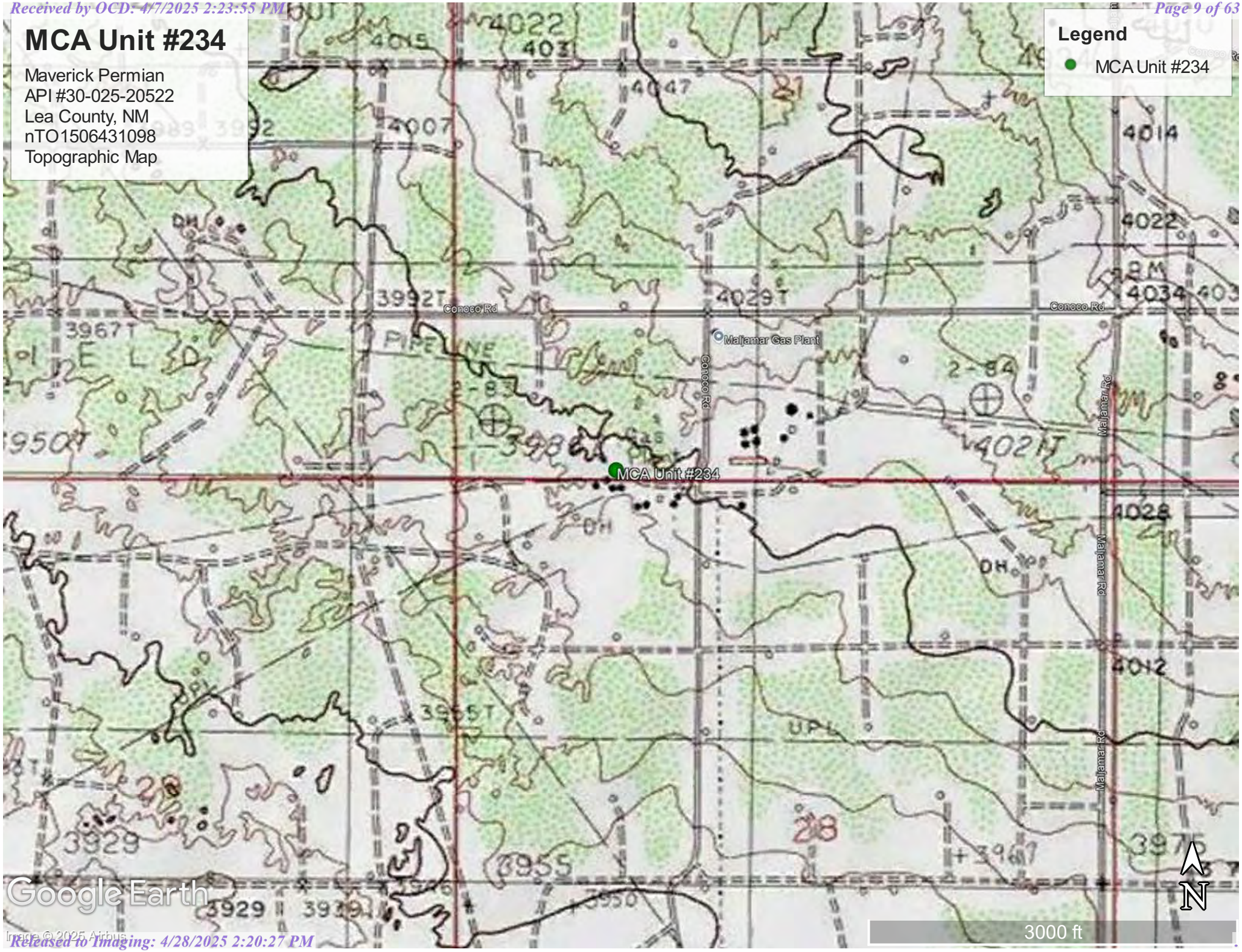
MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Karst Map



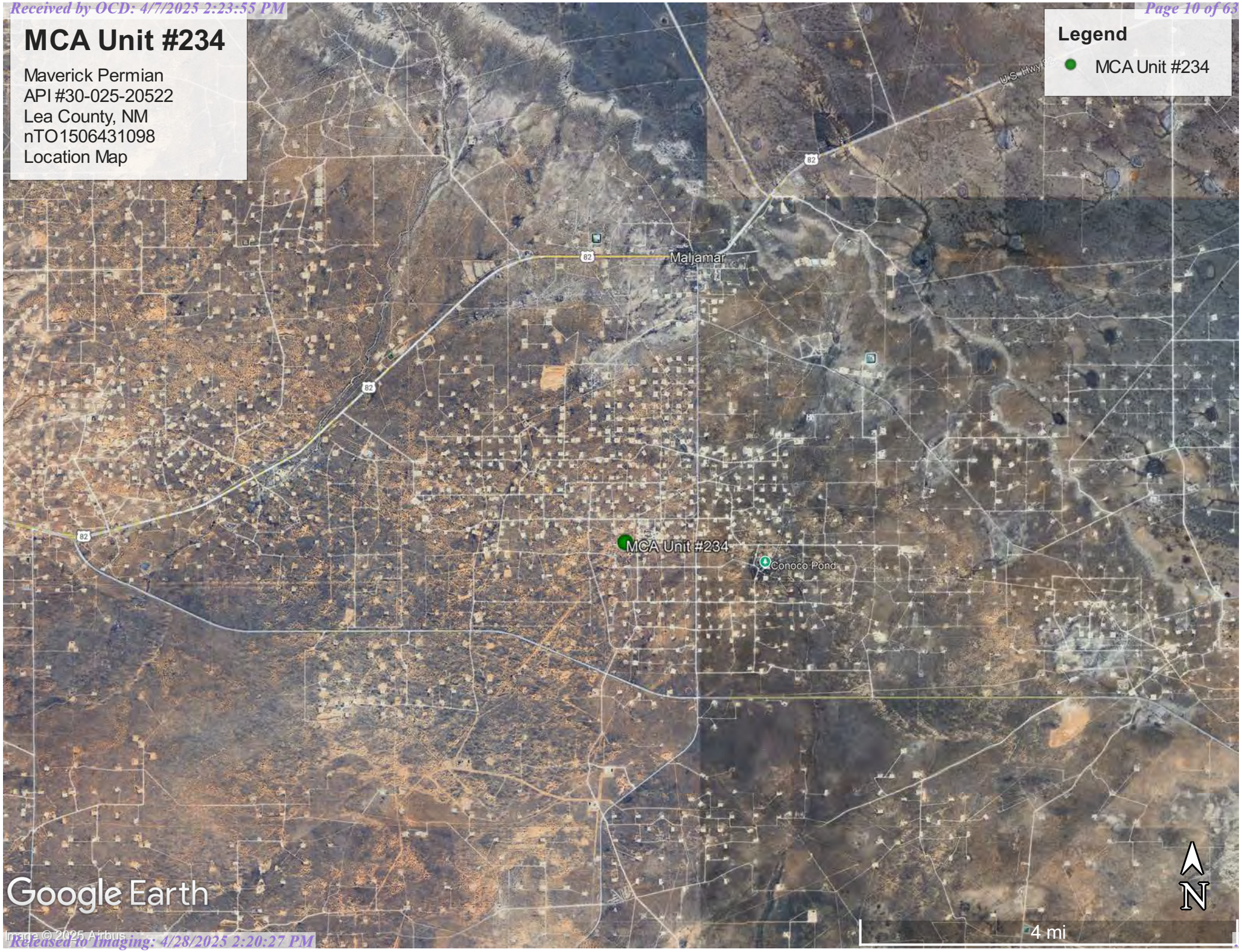
MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Topographic Map



MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Location Map



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Appendix A

Initial Form C-141

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**	Contact: **Jay Garcia**
Address: **29 Vacuum Complex Lane**	Telephone No. **575-704-2455**
Facility Name: **MCA Battery #02**	Facility Type: **Well**

Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-20522

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	21	17S	32E	25	North	1325	East	**LEA**

Latitude 32.8129085748644 **Longitude** 103.775728799082

NATURE OF RELEASE

Type of Release: **Spill**	Volume of Release: 8.3 BO	Volume Recovered. 7 BO
Source of Release: overfilled tank battery	Date and Hour of Occurrence 03/03/2015 8:00 am	Date and Hour of Discovery 03/03/2015 10:00 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Tomas Oberding- NMOCD** **Sol Hughes-BLM**	
By Whom? **Jay Garcia**	Date and Hour: **03/04/2015 2:10 pm**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

RECEIVED
By OCD; Dr. Oberding at 8:33 am, Mar 05, 2015

Describe Area Affected and Cleanup Action Taken.*

On 3/3/15, at approximately 8:00 am, a spill occurred at the Buckeye MCA Battery #2. MSO noticed a leak coming from the battery. MSO equalized oil to the sales tank to stop the spill. The affected area is 230' X 6' X 1" on caliche pad. Total spill volume was 8.3 bbl. of oil and 7 bbl. of oil were recovered by a vacuum truck. A work order will be submitted for the affected area will be remediated according to NMOCD and COPC and BLM guidelines.

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: *Jay Garcia*

Printed Name: Jay Garcia

Title: LEAD HSE

E-mail Address: ***jay.c.garcia@conocophillips.com***

Date: 01/06/2015 Phone:575-704-2455

OIL CONSERVATION DIVISION

Approved by ~~Environmental Specialist~~ Hydrologist

Approval Date: 03/05/2015 Expiration Date: 05/05/2015

Conditions of Approval:

Site samples required. Delineate and remediate area as per NMOCD guides.

Attached ☐

1RP-3556 217817

nTO1506431098

pTO1506431260

* Attach Additional Sheets If Necessary

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Appendix B

Water Surveys

Water-Related Maps

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
RA 12042 POD1		RA	LE	NE	NE	NW	28	17S	32E	614891.0	3631181.1		282	400		
RA 10175		RA	LE		NE	NW	28	17S	32E	614814.0	3631005.0 *		288	158		
RA 12020 POD1		RA	LE	NE	NE	NW	28	17S	32E	614827.6	3630954.6		334	120	81	39
RA 12522 POD1		RA	LE	SW	SW	SE	21	17S	32E	614940.6	3631122.2		342	100		
RA 12522 POD2		RA	LE	NE	NE	NW	28	17S	32E	614949.2	3631098.6		356	100		
RA 12522 POD3		RA	LE	SE	SE	SW	28	17S	32E	614980.5	3631093.7		388	100		
RA 12521 POD1		RA	LE	SW	SW	SE	21	17S	32E	615126.9	3631271.0		520	105	92	13
RA 12020 POD3		RA	LE	NE	NW	NE	28	17S	32E	615151.9	3631019.6		574	112	83	29
RA 12721 POD2		RA	LE	NW	NW	SE	28	17S	32E	615055.3	3630407.4		916	124	75	49
RA 12721 POD1		RA	LE	SW	NE	SW	28	17S	32E	614644.8	3630141.8		1067	125		
RA 12721 POD3		RA	LE	NE	SW	SE	28	17S	32E	615416.9	3629979.8		1470	115		
RA 12721 POD5		RA	LE	NE	SE	SE	28	17S	32E	615649.9	3629961.9		1623	130	124	6
RA 12721 POD4		RA	LE	NW	NW	NE	33	17S	32E	615054.9	3629589.7		1679	140		
RA 12721 POD8		RA	LE	NW	NE	NW	33	17S	32E	614640.4	3629463.2		1745	130	108	22

Average Depth to Water: **93 feet**

Minimum Depth: **75 feet**

Maximum Depth: **124 feet**

Record Count: 14

Basin/County Search:
County: LE

UTM Filters (in meters):
Easting: 614609.67
Northing: 3631208.80
Radius: 02000

*** 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.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
2013 OCT -7 P 12: 04

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): MW-21 POD1	OSE FILE NUMBER(S): RA-12020
WELL OWNER NAME(S): Phillips 66 Company	PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: 420 S. Keller (1708-02 Phillips Bldg.)	CITY: Bartlesville STATE: OK ZIP: 74004

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	48	38.1	N
LONGITUDE	103	46	24.4	W

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

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE: Maljamar Rd (cr 126) Gas Plant

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1456	John W. White	White Drilling Company, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9/24/2013	9/25/2013	120.0		81.5

COMPLETED WELL IS: ( ) ARTESIAN ( ) DRY HOLE (•) SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 81.5

DRILLING FLUID: ( ) AIR ( ) MUD ADDITIVES – SPECIFY:

DRILLING METHOD: (•) ROTARY ( ) HAMMER ( ) CABLE TOOL ( ) OTHER – SPECIFY:

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0.0	75.0	6.0	Sch. 40 PVC Riser	4.0 TPI	2.0	1/4"	
75.0	110.0	6.0	Sch. 40 PVC Screen	4.0 TPI	2.0	1/4"	.020

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
120.0	110.0	6.0	Bentonite grout	3 sacks	Hand Mix
110.0	71.0	6.0	8/16 Sand	14 sacks	Hand Mix
71.0	19.0	6.0	Bentonite Pellets	19 sacks	Hand Mix
19.0	0.0	6.0	Cement	3.7943	Hand Mix

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	RA-12020	POD NUMBER		TRN NUMBER	534328
LOCATION	EXPL (mon. well)	17S.32E.28.12.2			PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0.0	4.0	4.0	Reddish brown sand	○ Y ◉ N	
4.0	8.0	4.0	Reddish sandy clay	○ Y ◉ N	
8.0	11.0	3.0	Caliche	○ Y ◉ N	
11.0	20.0	9.0	Reddish sand/sandstone	○ Y ◉ N	
20.0	28.0	8.0	Light brown sand w/gravel mixed	○ Y ◉ N	
28.0	34.0	6.0	Brown sand	○ Y ◉ N	
34.0	42.0	8.0	Reddish brown sand/sandstone	○ Y ◉ N	
42.0	53.0	11.0	Dark brown sandstone	○ Y ◉ N	
53.0	58.0	5.0	Grayish brown sandstone	○ Y ◉ N	
58.0	70.0	12.0	Yellowish brown sandstone	○ Y ◉ N	
70.0	111.0	41.0	Layers of brown, grennish, and reddish sand/sandstone	◉ Y ○ N	
111.0	120.0	9.0	Dark reddish brown silty clayey shale	◉ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	
				○ Y ○ N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ○ PUMP ○ AIR LIFT ○ BAILER ○ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

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

MISCELLANEOUS INFORMATION:

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

William B. Atkins

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10-1-13
DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

OSE POD Location Map

4/2/2025, 10:31:37 AM

GIS WATERS PODs

Active

Pending

OSE District Boundary

1:4,514

0 0.03 0.07 0.13 mi

0 0.05 0.1 0.2 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

Online web user

This is an unofficial map from the OSE's online application.

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews 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

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 325028103441301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

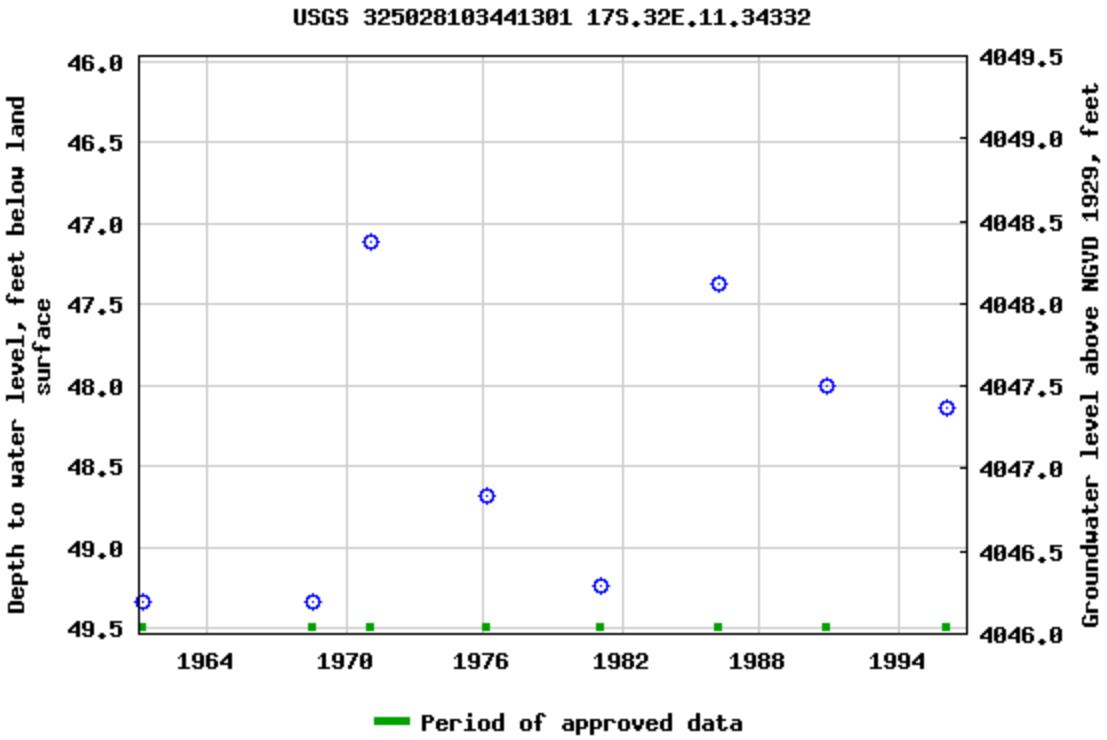
USGS 325028103441301 17S.32E.11.34332

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13060011
Latitude 32°50'32", Longitude 103°44'24" NAD27
Land-surface elevation 4,095.50 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) 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



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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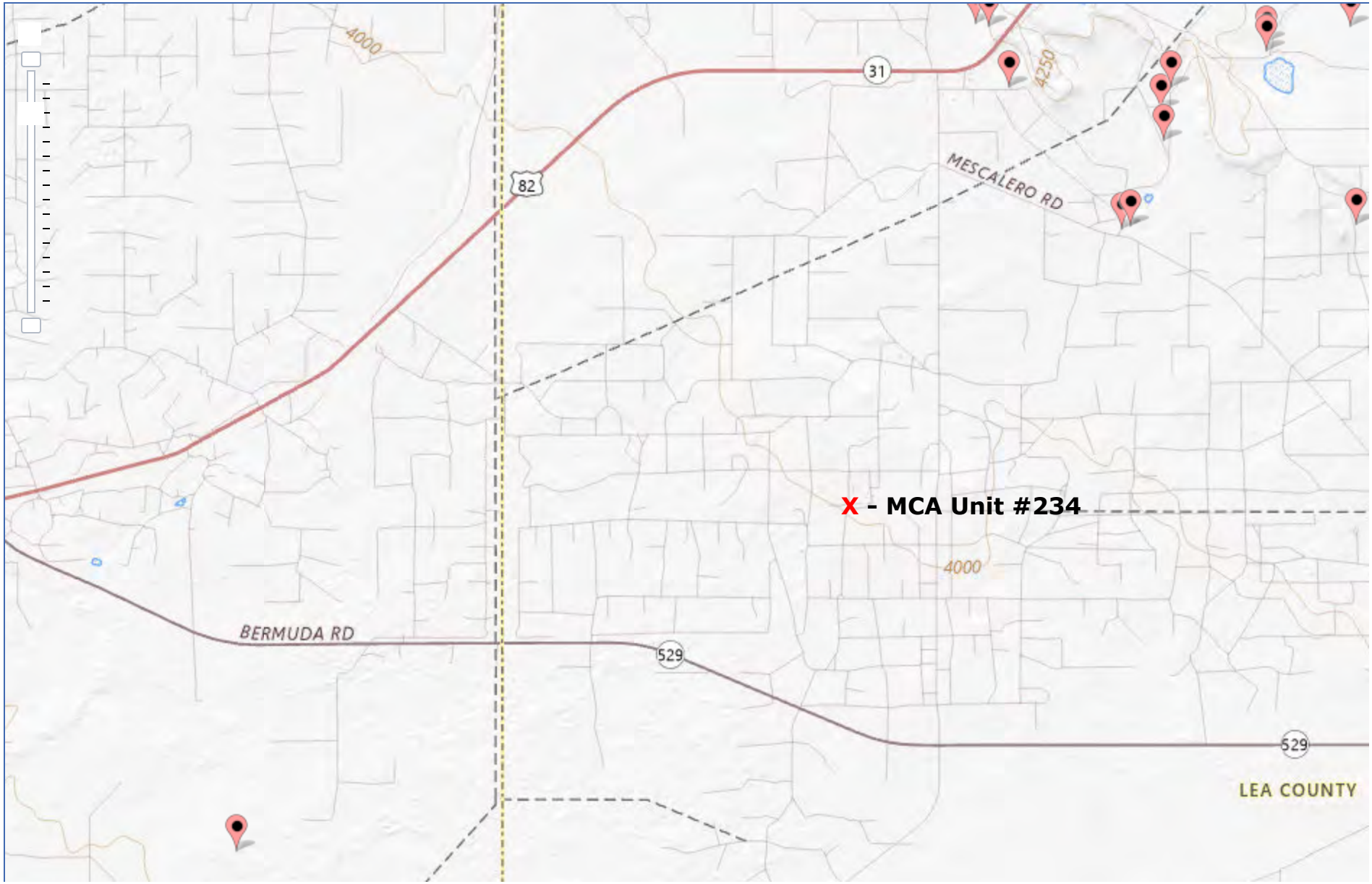
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2025-04-02 11:37:47 EDT
0.62 0.49 nadww01

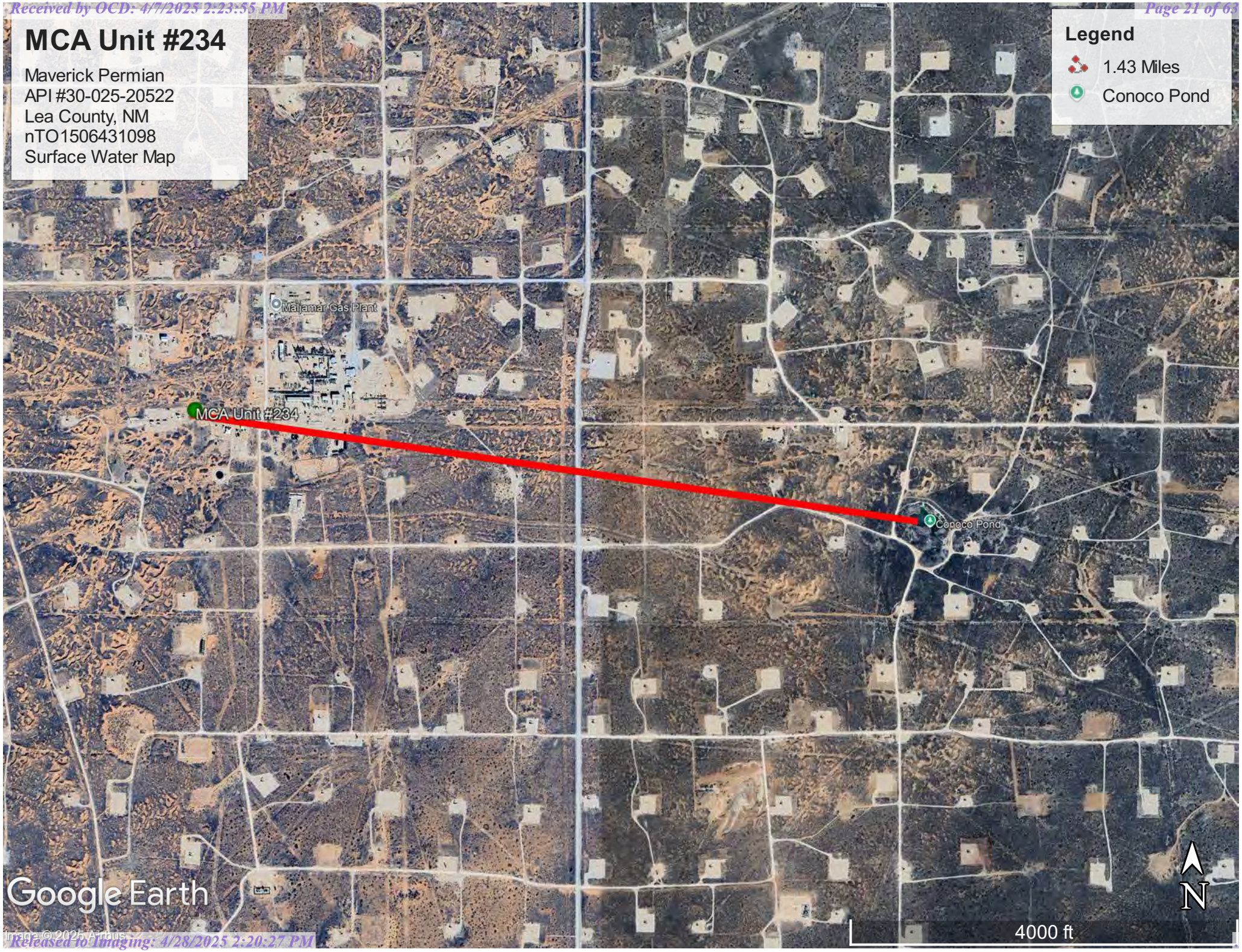
USGS science for a changing world

National Water Information System: Mapper



MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Surface Water Map



Received by OCD: 4/7/2025 2:23:55 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

April 2, 2025

Wetlands

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

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

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

Released to Imaging: 4/28/2025 2:20:27 PM

Received by OCD: 4/7/2025 2:23:55 PM

National Flood Hazard Layer FIRMette

FEMA

103°46'53"W 32°49'1"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°46'15"W 32°48'31"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- 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 *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 4/2/2025 at 3:42 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.

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Sapec-Eco
5846 E 21st Place
Tulsa, OK 74114

Appendix C

Soil Surveys

Soil Map

Geologic Unit Map

Lea County, New Mexico

KM—Kermit soils and Dune land, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpx
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 46 percent
Dune land: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave, convex, linear
Across-slope shape: Convex
Parent material: Calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand
C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 5 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 3 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Received by OCD: 4/7/2025 2:23:55 PM

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave, convex, linear
Across-slope shape: Convex
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand
C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8
Hydrologic Soil Group: A
Hydric soil rating: No

Minor Components

Palomas

Percent of map unit: 3 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Pyote

Percent of map unit: 3 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand

Released to Imaging: 4/28/2025 2:20:27 PM

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil Map—Lea County, New Mexico

Received by OCD: 4/7/2025 2:23:55 PM

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 21, Sep 3, 2024

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.

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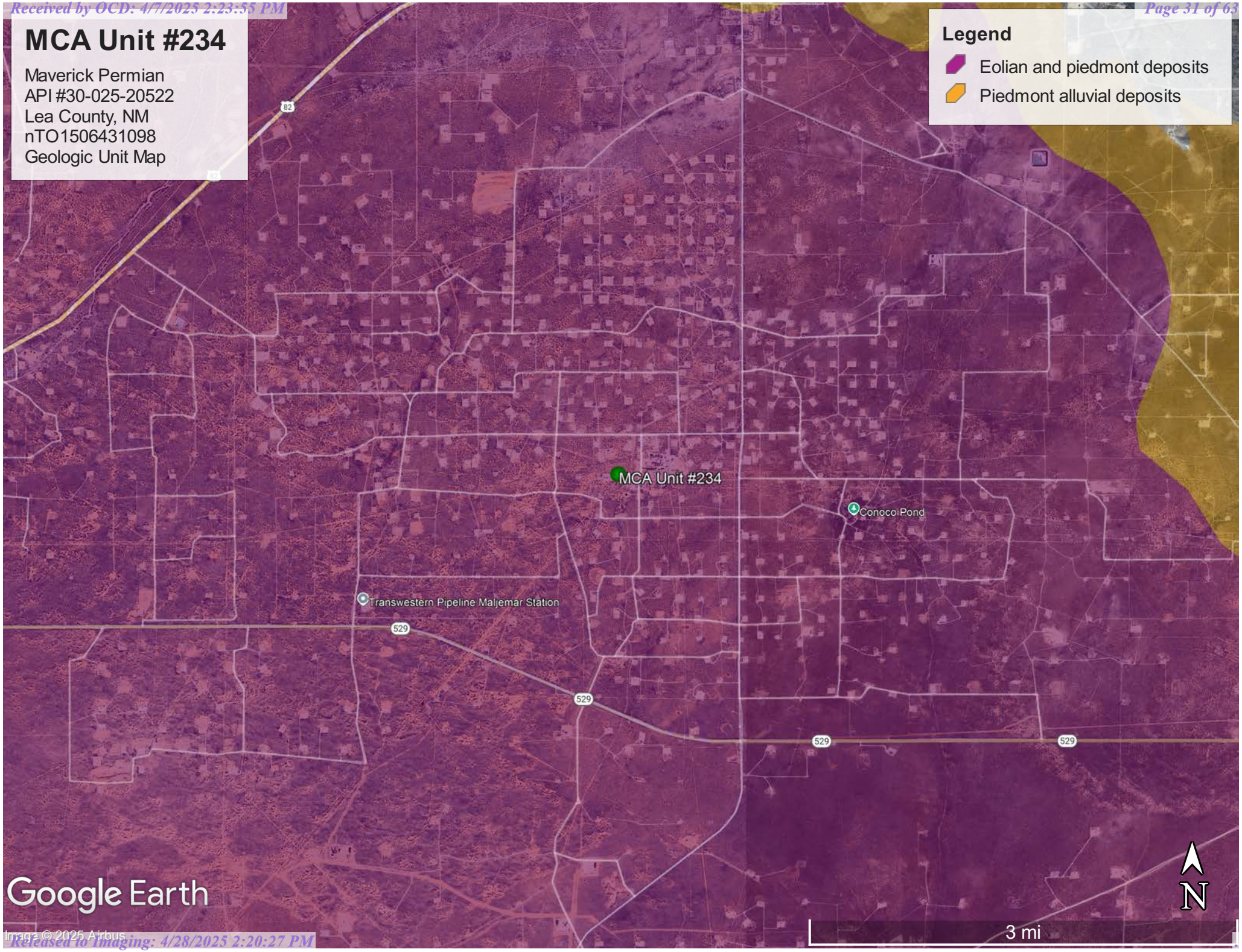
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit soils and Dune land, 0 to 12 percent slopes	2.2	100.0%
Totals for Area of Interest		**2.2**	**100.0%**

MCA Unit #234

Maverick Permian
API #30-025-20522
Lea County, NM
nTO1506431098
Geologic Unit Map



Sapec-Eco
5846 E 21st Place
Tulsa, OK 74114

Appendix D

Photographic Documentation

Photographic Documentation
Maverick Permian, LLC
MCA Unit #234 – nTO1506431098

Photographic Documentation
Maverick Permian, LLC
MCA Unit #234 – nTO1506431098

Sapec-Eco
5846 E 21st Place
Tulsa, OK 74114

Appendix E

NMOCD-Approved Corrective Action Plan (2015)

RECEIVED
By Jkeyes at 10:50 am, Dec 31, 2015

APPROVED
By Jkeyes at 10:50 am, Dec 31, 2015

CONOCOPHILLIPS
P.O. Box 2197
Houston, TX 77252-2197
Phone 281.293.1000

MCA Battery #02

(1RP-3556)

Corrective Action Plan

API No. 30-025-20522

Release Date: March 3rd, 2015

Unit Letter D, Section 28, Township 17S, Range 32E

PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

December 22, 2015

Jamie Keyes
Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240

RE: **Corrective Action Plan**
ConocoPhillips MCA Battery #02 (1RP-3556)
UL/D sec. 28 T17S R32E
API No. 30-025-20522

Mr. Keyes:

ConocoPhillips (CoP) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 3 miles SSW of Maljamar, New Mexico. The initial C-141 states that the site is located at UL/N Sec. 21 T17S R32E. However, GIS mapping shows the site to be located within UL/D Sec. 28 T17S R32E. NM OSE, BLM and Basin installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 80 +/- feet.

On March 3rd, 2015, CoP discovered a leak coming from the battery, CoP equalized oil to the sales tank to stop spill. A total of 8.3 barrels of oil was released over 399 sq ft of lease pad and pasture with 7 barrels of oil recovered. BLM and NMOCD were notified of the release on March 4th, 2015, and an initial C-141 was submitted to both parties the same day. NMOCD approved the initial C-141 on March 5th, 2015 (Appendix A).

On December 16th, 2015, Basin personnel were on site to assess the release. Three points within the release area were sampled with depth (Figure 1). All samples were field tested for chlorides and organic vapors, and representative samples were taken to a commercial laboratory for analysis (Appendix B).

Photo Documentation of these activities may be found in Appendix C.

Corrective Action Plan

Based on the assessment, the release around point 1 will be scraped down to 6 inches bgs and around point 2 and 3 will be scraped down 1 foot bgs.
All excavated soil will be taken to a NMOCD approved facility for disposal. Clean soil will be imported to the site to serve as backfill. A sample of the backfill soil will be taken to a commercial laboratory to confirm that the chloride reading is below regulatory standards. The scrape will be backfilled with the clean, imported soil and contoured to the surrounding location. The area in the pasture will be seeded with a BLM approved seed mix.

Once these activities have been completed, a report will be sent to NMOCD and BLM requesting 'remediation termination' and site closure.

Basin appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site.

Sincerely,

Kyle Norman

Kyle Norman
Project Lead
Basin Environmental Service Technologies
(575) 942-8542

Attachments:

- Figure 1 – Initial Sampling
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation

Figures

Basin Environmental Service Technologies, LLC
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Initial Sampling

Vertical 1

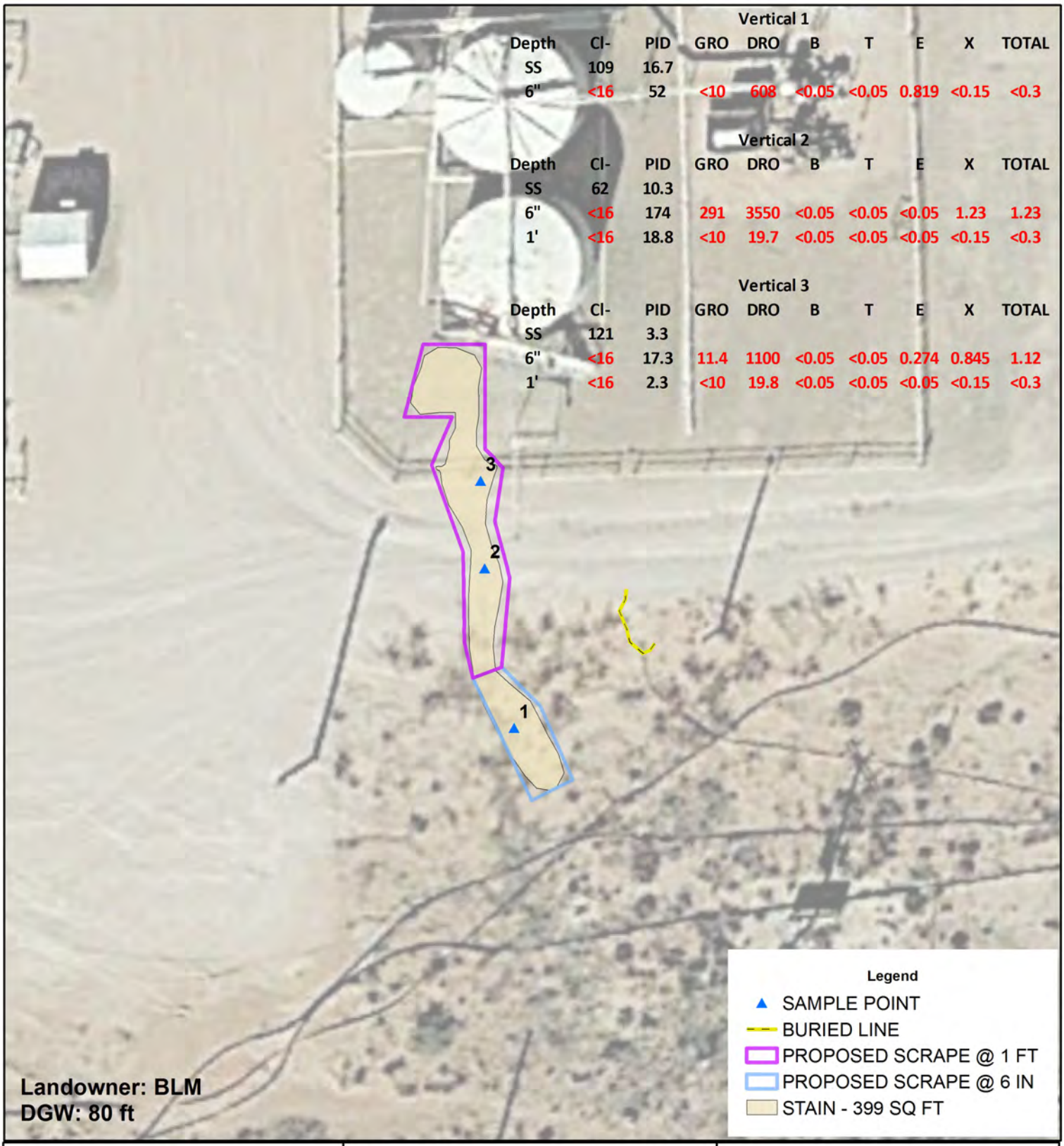
Depth	Cl-	PID	GRO	DRO	B	T	E	X	TOTAL
SS	109	16.7							
6"	<16	52	<10	608	<0.05	<0.05	0.819	<0.15	<0.3

Vertical 2

Depth	Cl-	PID	GRO	DRO	B	T	E	X	TOTAL
SS	62	10.3							
6"	<16	174	291	3550	<0.05	<0.05	<0.05	1.23	1.23
1'	<16	18.8	<10	19.7	<0.05	<0.05	<0.05	<0.15	<0.3

Vertical 3

Depth	Cl-	PID	GRO	DRO	B	T	E	X	TOTAL
SS	121	3.3							
6"	<16	17.3	11.4	1100	<0.05	<0.05	0.274	0.845	1.12
1'	<16	2.3	<10	19.8	<0.05	<0.05	<0.05	<0.15	<0.3



Basin Environmental Service Technologies
Effective Solutions

CONOCOPHILLIPS MCA BATTERY #2

1RP-3556

UL D SECTION 28
T-17-S R-32-E
LEA COUNTY, NM

Figure 1

GPS: 32.812569 -103.776282

0 10 20 Feet

GPS date: 12/16/15 KN
Drawing date: 12/16/15
Drafted by: T. Grieco

N W E S

Appendix A

Intial C-141

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

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**	Contact: **Jay Garcia**
Address: **29 Vacuum Complex Lane**	Telephone No. **575-704-2455**
Facility Name: **MCA Battery #02**	Facility Type: **Well**

Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-20522

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	21	17S	32E	25	North	1325	East	**LEA**

Latitude 32.8129085748644 **Longitude** 103.775728799082

NATURE OF RELEASE

Type of Release: **Spill**	Volume of Release: 8.3 BO	Volume Recovered. 7 BO
Source of Release: overfilled tank battery	Date and Hour of Occurrence 03/03/2015 8:00 am	Date and Hour of Discovery 03/03/2015 10:00 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? **Tomas Oberding- NMOCD** **Sol Hughes-BLM**	
By Whom? **Jay Garcia**	Date and Hour: **03/04/2015 2:10 pm**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

RECEIVED
By OCD; Dr. Oberding at 8:33 am, Mar 05, 2015

Describe Area Affected and Cleanup Action Taken.*

On 3/3/15, at approximately 8:00 am, a spill occurred at the Buckeye MCA Battery #2. MSO noticed a leak coming from the battery. MSO equalized oil to the sales tank to stop the spill. The affected area is 230' X 6' X 1" on caliche pad. Total spill volume was 8.3 bbl. of oil and 7 bbl. of oil were recovered by a vacuum truck. A work order will be submitted for the affected area will be remediated according to NMOCD and COPC and BLM guidelines.

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: *Jay Garcia*

Printed Name: Jay Garcia

Title: LEAD HSE

E-mail Address: ***jay.c.garcia@conocophillips.com***

Date: 01/06/2015 Phone:575-704-2455

OIL CONSERVATION DIVISION

Approved by ~~Environmental Specialist~~ Hydrologist

Approval Date: 03/05/2015 Expiration Date: 05/05/2015

Conditions of Approval:

Site samples required. Delineate and remediate area as per NMOCD guides.

Attached ☐

1RP-3556 217817
nTO1506431098
pTO1506431260

* Attach Additional Sheets If Necessary

Appendix B

Laboratory Analysis

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

CARDINAL Laboratories

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

December 18, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA BATTERY #02

Enclosed are the results of analyses for samples received by the laboratory on 12/17/15 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accreditated 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

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	12/17/2015	Sampling Date:	12/16/2015
Reported:	12/18/2015	Sampling Type:	Soil
Project Name:	MCA BATTERY #02	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 1 @ 6" (H503280-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	**0.189**	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	<0.150	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTEX	<0.300	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *136 %* *73.6-140*

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	12/17/2015	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	206	103	200	1.31	
DRO >C10-C28	**608**	10.0	12/18/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane *99.7 %* *35-147*

Surrogate: 1-Chlorooctadecane *111 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	12/17/2015	Sampling Date:	12/16/2015
Reported:	12/18/2015	Sampling Type:	Soil
Project Name:	MCA BATTERY #02	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 2 @ 6" (H503280-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	<0.050	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	**1.23**	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTEX	**1.23**	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *137 %* *73.6-140*

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	12/17/2015	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**291**	100	12/17/2015	ND	206	103	200	1.31	
DRO >C10-C28	**3550**	100	12/17/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane *168 %* *35-147*

Surrogate: 1-Chlorooctadecane *143 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	12/17/2015	Sampling Date:	12/16/2015
Reported:	12/18/2015	Sampling Type:	Soil
Project Name:	MCA BATTERY #02	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 2 @ 1' (H503280-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	<0.050	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	<0.150	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTEX	<0.300	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *73.6-140*

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	12/17/2015	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/17/2015	ND	206	103	200	1.31	
DRO >C10-C28	**19.7**	10.0	12/17/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane *108 %* *35-147*

Surrogate: 1-Chlorooctadecane *97.6 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	12/17/2015	Sampling Date:	12/16/2015
Reported:	12/18/2015	Sampling Type:	Soil
Project Name:	MCA BATTERY #02	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 3 @ 6" (H503280-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/17/2015	ND	2.09	104	2.00	5.69	
Toluene*	<0.050	0.050	12/17/2015	ND	2.07	104	2.00	6.88	
Ethylbenzene*	**0.274**	0.050	12/17/2015	ND	2.10	105	2.00	7.92	
Total Xylenes*	**0.845**	0.150	12/17/2015	ND	6.34	106	6.00	6.97	
Total BTEX	**1.12**	0.300	12/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *125 %* *73.6-140*

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	12/17/2015	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	**11.4**	10.0	12/18/2015	ND	206	103	200	1.31	
DRO >C10-C28	**1100**	10.0	12/18/2015	ND	194	96.9	200	3.20	

Surrogate: 1-Chlorooctane *87.4 %* *35-147*

Surrogate: 1-Chlorooctadecane *99.9 %* *28-171*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

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: Conoco Phillips	**BILL TO**
Project Manager: Kyle Norman	**P.O. #:**
Address:	**Company:** Basin Environmental
City: **State:** **Zip:**	**Attn:**
Phone #: **Fax #:**	**Address:** 419 W. Cain
Project #: **Project Owner:**	**City:** Hobbs
Project Name:	**State:** NM **Zip:** 88240
Project Location: MCA Battery #02	**Phone #:**
Sampler Name: Kyle Norman	**Fax #:**

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST											
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	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS						
H503280																									
1	Pt. 1 @ 6"		1			✓					✓		12/16/15	08:30	✓	✓	✓									
2	Pt. 2 @ 6"		1			✓					✓		12/16/15	08:45	✓	✓	✓									
3	Pt. 2 @ 1'		1			✓					✓		12/16/15	09:15	✓	✓	✓									
4	Pt. 3 @ 6"		1			✓					✓		12/16/15	09:45	✓	✓	✓									

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Relinquished By: Kyle N	**Date:** 12-17-15	**Received By:** Jodi Henson	
	Time: 11:00		
Relinquished By:	**Date:**	**Received By:**	
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -10.8°C

Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☑ No **Add'l Phone #:**
Fax Result: ☐ Yes ☑ No **Add'l Fax #:**
REMARKS:
email results:knorman@basinenv.com; jkamplain@basinenv.com; tgrieco@basinenv.com

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

#54

Received by OCD: 4/7/2025 2:23:55 PM

Released to Imaging: 4/28/2025 2:20:27 PM

CARDINAL Laboratories

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

December 21, 2015

KYLE NORMAN

Basin Environmental Service

P.O. Box 301

Lovington, NM 88260

RE: MCA BATTERY #02

Enclosed are the results of analyses for samples received by the laboratory on 12/18/15 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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 accreditated 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

CARDINAL Laboratories

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

Analytical Results For:

Basin Environmental Service
KYLE NORMAN
P.O. Box 301
Lovington NM, 88260
Fax To: (575) 396-1429

Received:	12/18/2015	Sampling Date:	12/16/2015
Reported:	12/21/2015	Sampling Type:	Soil
Project Name:	MCA BATTERY #02	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: PT. 3 @ 1' (H503300-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2015	ND	2.20	110	2.00	1.51	
Toluene*	<0.050	0.050	12/21/2015	ND	2.25	113	2.00	1.29	
Ethylbenzene*	<0.050	0.050	12/21/2015	ND	2.06	103	2.00	2.62	
Total Xylenes*	<0.150	0.150	12/21/2015	ND	6.56	109	6.00	1.77	
Total BTEX	<0.300	0.300	12/21/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *73.6-140*

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	12/21/2015	ND	400	100	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2015	ND	173	86.5	200	7.80	
DRO >C10-C28	**19.8**	10.0	12/19/2015	ND	180	90.0	200	9.08	

Surrogate: 1-Chlorooctane *110 %* *35-147*

Surrogate: 1-Chlorooctadecane *107 %* *28-171*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

RUSH

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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: Conoco Phillips	**BILL TO**
Project Manager: Kyle Norman	**P.O. #:**
Address:	**Company:** Basin Environmental
City: **State:** **Zip:**	**Attn:**
Phone #: **Fax #:**	**Address:** 419 W. Cain
Project #: **Project Owner:**	**City:** Hobbs
Project Name:	**State:** NM **Zip:** 88240
Project Location: MCA Battery #02	**Phone #:**
Sampler Name: Kyle Norman	**Fax #:**

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING		ANALYSIS REQUEST											
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	Chlorides	TPH 8015 M	BTEX	Texas TPH	Complete Cations/Anions	TDS							
H503300 1	Pt. 3 @ 1'		1			✓					✓		12/16/15	10:00	✓	✓	✓										

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Relinquished By:	**Date:** 12-18-15	**Received By:**	Phone Result: ☐ Yes ☑ No Add'l Phone #:
	Time: 16:15		Fax Result: ☐ Yes ☑ No Add'l Fax #:
Relinquished By:	**Date:**	**Received By:**	**REMARKS:** email results:knorman@basinenv.com; jkamplain@basinenv.com; tgrieco@basinenv.com
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-5.8°C	**Sample Condition** Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	**CHECKED BY:** (Initials)

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

#54

Received by OCD: 4/7/2025 2:23:55 PM

Released to Imaging: 4/28/2025 2:20:27 PM

Appendix C
Photo Documentation

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

Conoco Phillips MCA Battery #02 (1RP-3556)

Unit Letter D, Section 28, T17S, R32E

Initial release, facing north west 12/16/2015

Initial release, facing north 12/16/2015

Initial release, facing east 12/16/2015

Collecting sample, facing north 12/16/2015

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 449227

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nTO1506431098**
Incident Name	**NTO1506431098 MCA UNIT #234 @ 30-025-20522**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-025-20522] MCA UNIT #234**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MCA UNIT #234
Date Release Discovered	03/03/2015
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
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	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Production Tank | Crude Oil | Released: 8 BBL | Recovered: 7 BBL | Lost: 1 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*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.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com Date: 04/07/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 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	Between 1 and 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
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	3841
GRO+DRO (EPA SW-846 Method 8015M)	3841
BTEX (EPA SW-846 Method 8021B or 8260B)	1
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	06/01/2025
On what date will (or did) the final sampling or liner inspection occur	06/21/2025
On what date will (or was) the remediation complete(d)	06/30/2025
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	1380
What is the estimated volume (in cubic yards) that will be remediated	205
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.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
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: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com Date: 04/07/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator:	OGRID:
Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 449227

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 449227
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan is approved with the following conditions:	4/28/2025
scwells	1) According to the initial C-141, the affected area was 230’ x 6’ x 1” depth. OCD would like to see more delineation samples collected within the disturbed area seen on Google Earth imagery from 2/1/2017. Specifically, collect discrete samples at surface, 1’, 2’, 3’ and 4’ at the following locations: 32.812419, -103.776064; 32.81233, -103.77588; and 32.81221, -103.77584. These sample points are in addition to the sample points proposed in this remediation plan. If any Table I exceedances are found, remediation and reclamation will need to take place pursuant to 19.15.29.12 and 19.15.29.13 NMAC.	4/28/2025
scwells	2) Under the Site Characterization portion of the C-141 application update the minimum distance to the following upon resubmittal: any playa lake (1/2-1 mile S).	4/28/2025
scwells	3) The variance to use delineation samples for closure is approved.	4/28/2025
scwells	Submit remediation closure report to the OCD by 7/28/25.	4/28/2025