Pima Environmental Services, LLC
5614 N. Lovington Hwy.
Hobbs, NM 88240
575-964-7740

June 20th, 2023

NMOCD District 2
811 S. First Street
Artesia, NM 88210

Re: Site Assessment, Remediation, and Closure Report
Encore M State Field
API No. N/A
GPS: Latitude 32.3664739 Longitude -103.1634795
UL "H", Sec. 28, T22S, R37E
Lea County, NM
NMOCD Ref. No. NAPP2314649548

Pima Environmental Services, LLC (Pima) has been contracted by Maverick Permian, LLC to perform a spill assessment, remediation activities, and submit this closure report for a crude oil release that occurred at the Encore M State Field (Encore). The initial C-141 was submitted on June 6th, 2023 (Appendix C). This incident was assigned Incident ID NAPP2314649548, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Encore is located approximately five (5) miles south of Eunice, NM. This spill site is in Unit H, Section 28, Township 22S, Range 37E, Latitude 32.3664739, Longitude -103.1634795, Lea County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Berino-Cacique loamy fine sands association, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Encore (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 59 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 48.28 feet BGS. The closest waterway is a salt playa located approximately 14.72 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

Release Information

NAPP2314649548: On May 24th, 2023, a pin hole developed on a flowline leading to an overspray pf crude oil. Maverick dispatched a crew to conduct remediation activities, all contamination was recovered.

Site Assessment and Soil Sampling Results

On June 2nd, 2023, Pima Environmental Services mobilized personnel to the site to conduct delineation activities. Pima collected a total of ten soil samples, three bottom samples (S1-S3) were collected to verify vertical delineation, and four side wall samples (SW1-SW4) to verify horizontal delineation. Sample results can be found in the table below. An initial site map can be found in Figure 4.

6-2-2023 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
MAVERICK PERMIAN - ENCORE M STATE FIELD								
Sample Date: 6/2/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND

ND: Non-Detect

Complete laboratory reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAPP2314649548, be closed. Maverick Permian, LLC has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

Sebastian Orozco

Sebastian Orozco
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141 Form
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

Pima Environmental Services

Figures:

1 - Location Map

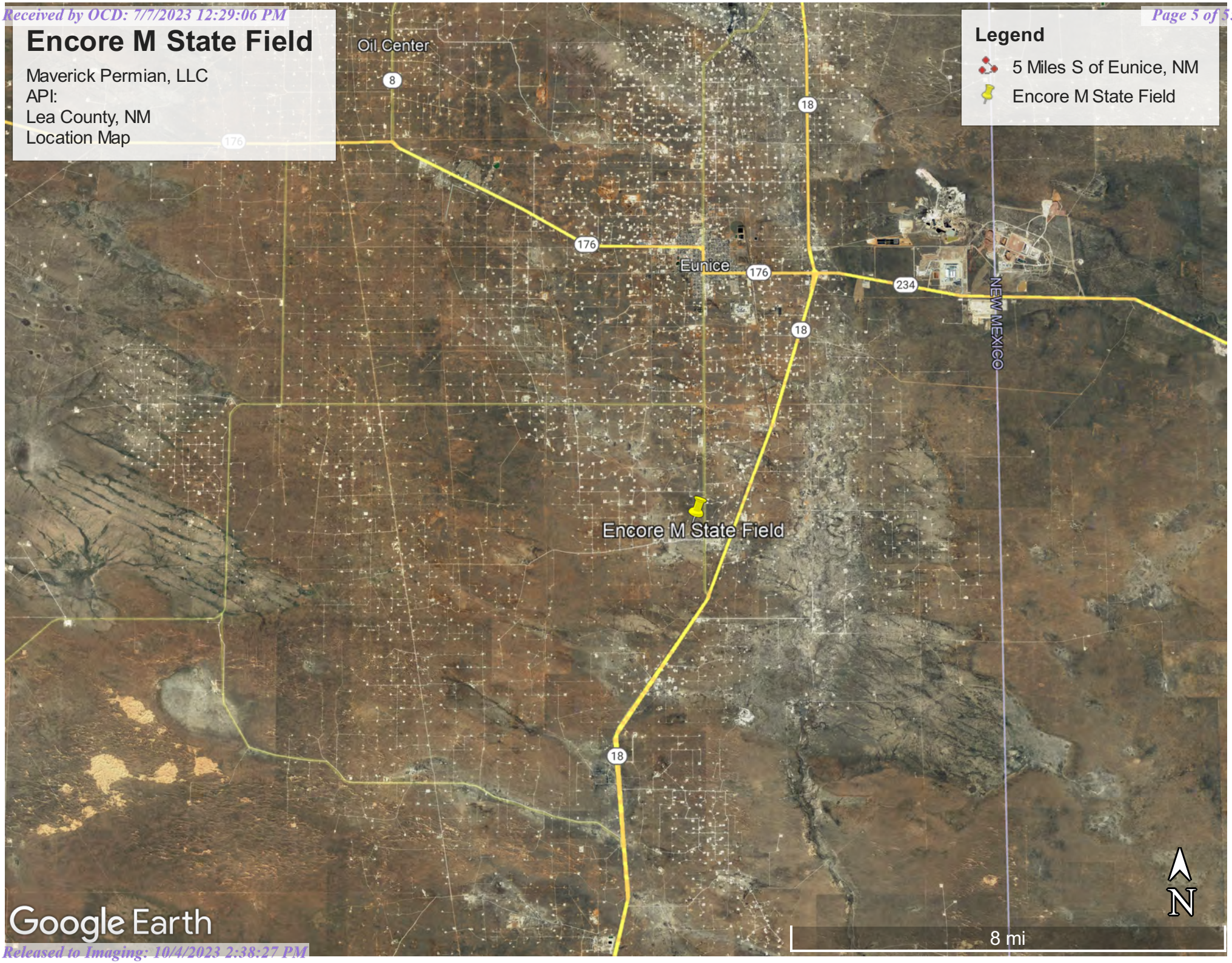
2 - Topographic Map

3 - Karst Map

4 - Site Map

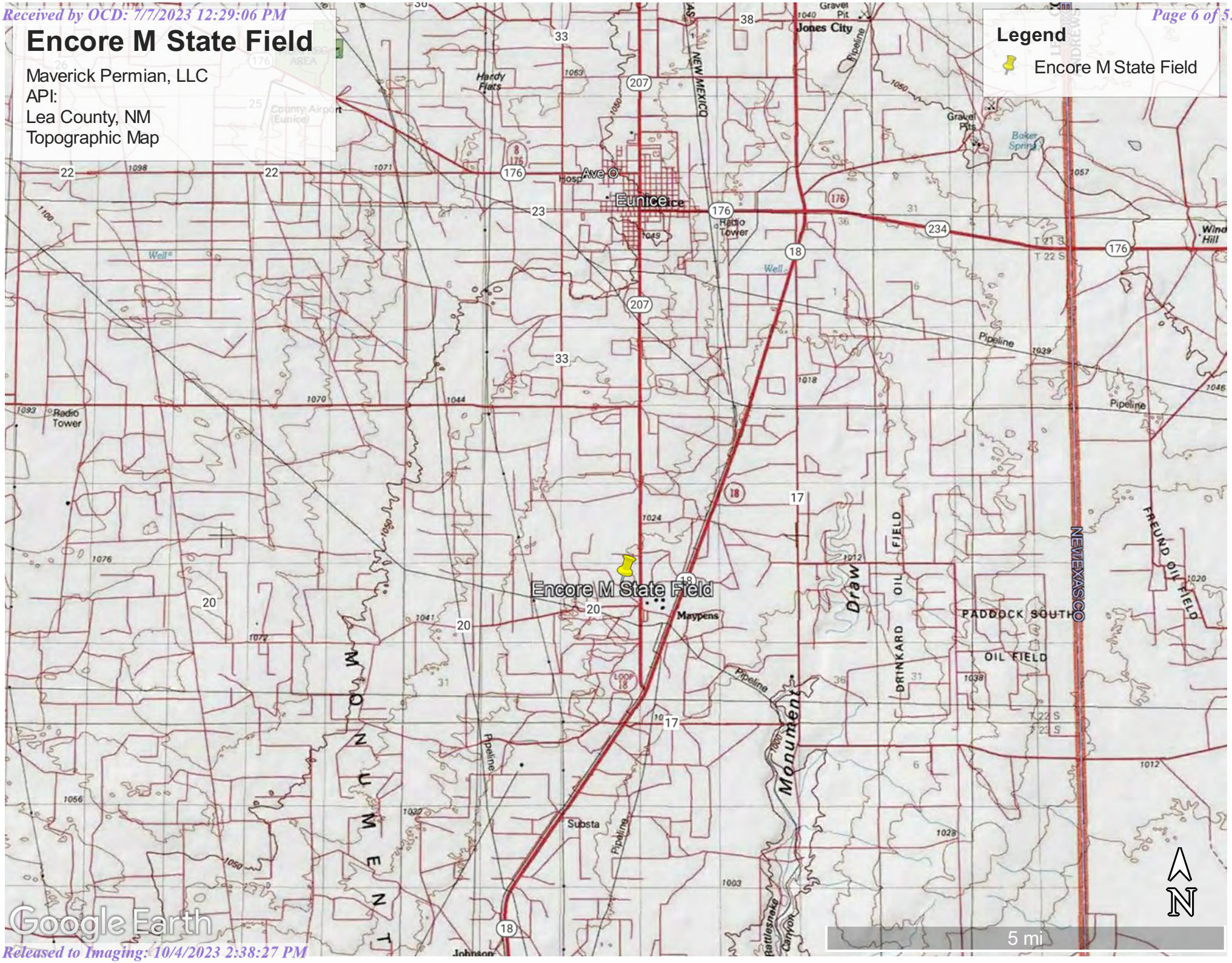
Encore M State Field

Maverick Permian, LLC
API:
Lea County, NM
Location Map



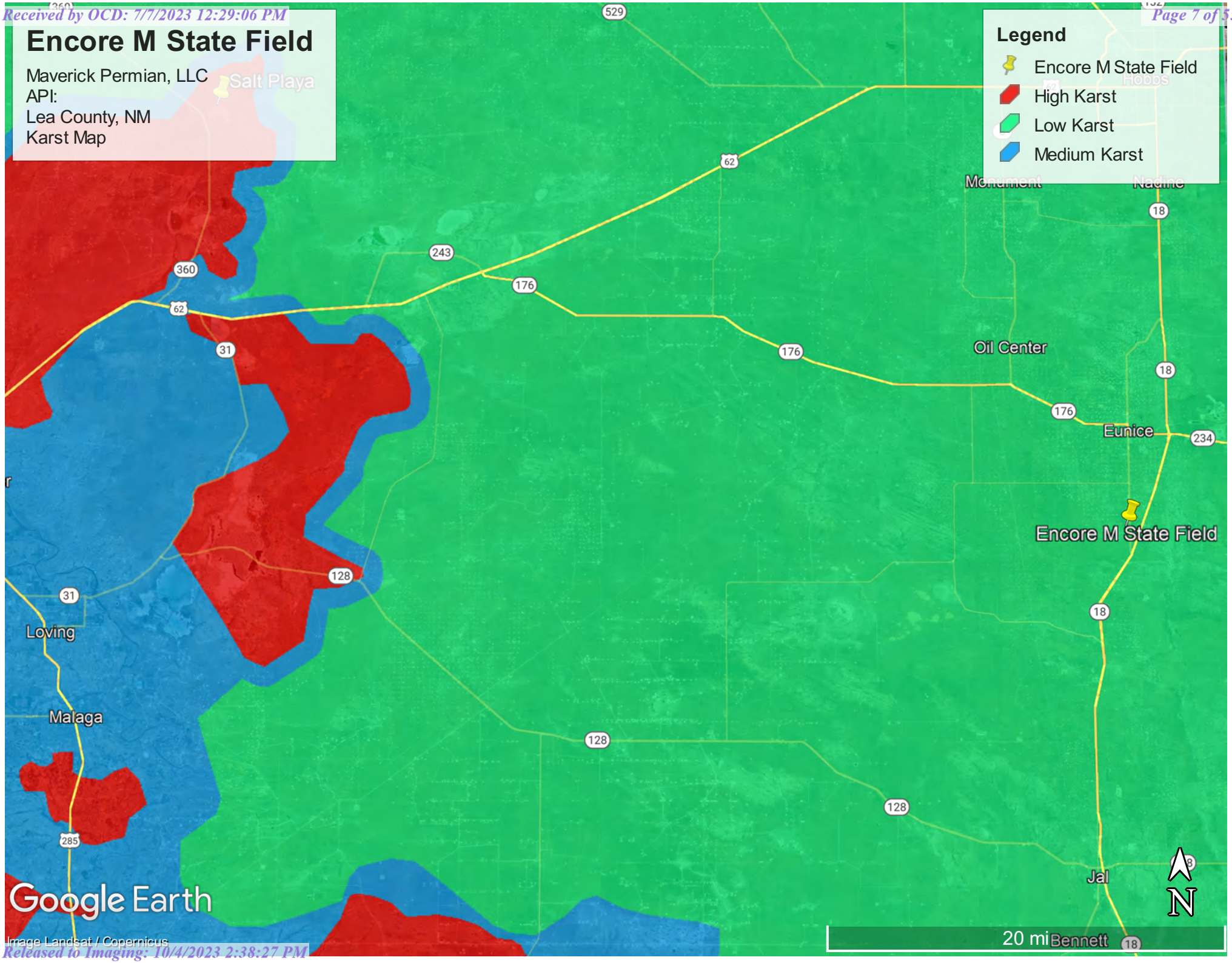
Encore M State Field

Maverick Permian, LLC
API:
Lea County, NM
Topographic Map



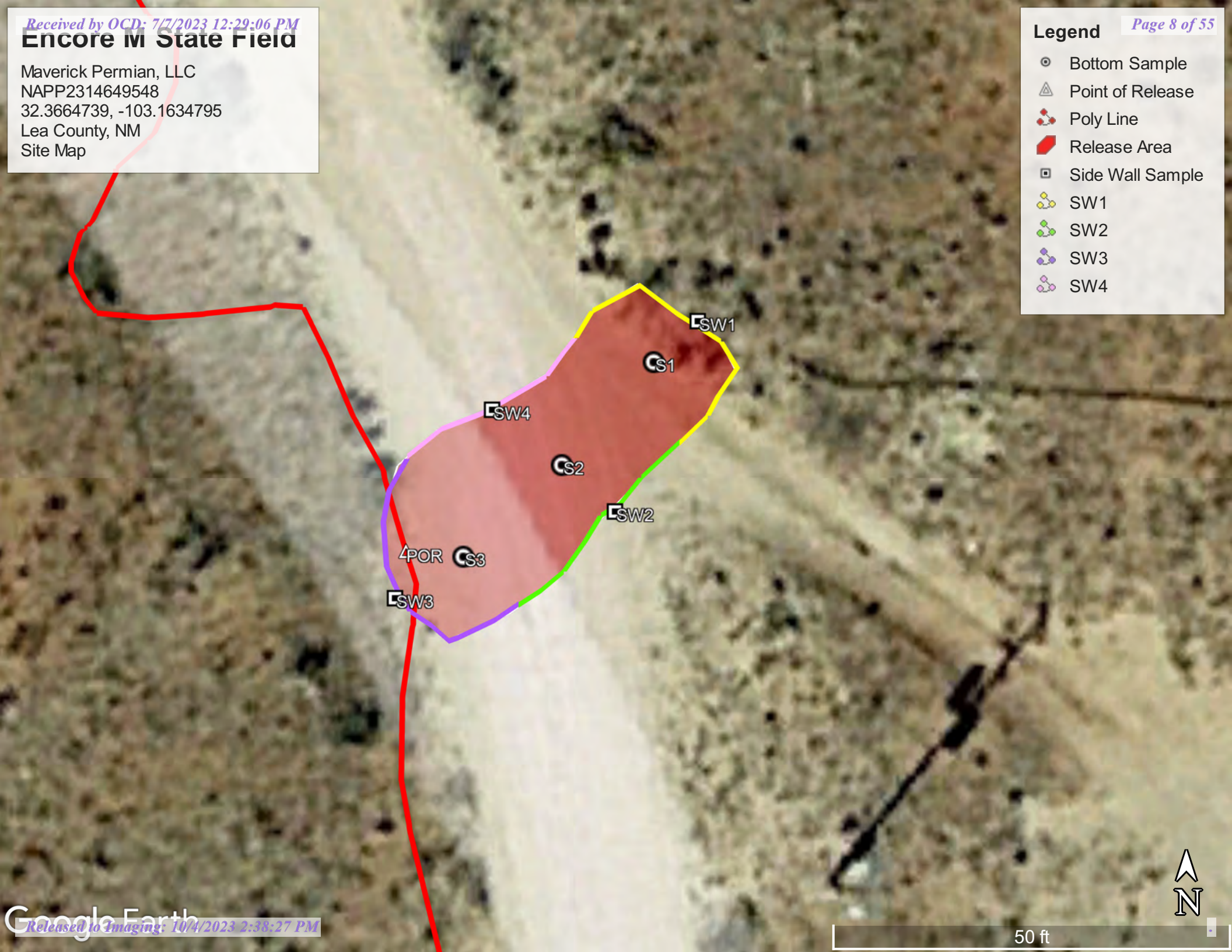
Encore M State Field

Maverick Permian, LLC
API:
Lea County, NM
Karst Map



Encore M State Field

Maverick Permian, LLC
NAPP2314649548
32.3664739, -103.1634795
Lea County, NM
Site Map



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map

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 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00396 POD1		CP	LE	1	2	4	28	22S	37E	672886	3582037*	512	100	59	41
CP 01657 POD1		CP	LE	2	2	4	28	22S	37E	673077	3582073	548	123		
CP 00243 POD1		CP	LE	3	3	1	27	22S	37E	673281	3582246*	572	106		
CP 00503		CP	LE		4	4	21	22S	37E	672965	3583144*	629	115	65	50
CP 00257 POD1		CP	LE	3	3	3	22	22S	37E	673266	3583050*	698	136		
CP 00081 POD1		CP	LE	2	4	4	21	22S	37E	673064	3583243*	754	120		
CP 00911		CP	LE	2	4	4	21	22S	37E	673034	3583288	787	153		
CP 01101 POD1		CP	LE	2	4	4	21	22S	37E	673064	3583281	790	142		
CP 00747 POD1		CP	LE			1	27	22S	37E	673583	3582548*	793	410		
CP 00256 POD1	R	CP	LE	1	3	3	22	22S	37E	673266	3583250*	855	146		
CP 00231 POD1		CP	LE	3	1	3	27	22S	37E	673288	3581844*	856	145		
CP 00234 POD1		CP	LE	3	1	3	27	22S	37E	673288	3581844*	856	135		
CP 00395 POD1		CP	LE	4	2	3	28	22S	37E	672282	3581822*	879	90		
CP 00244 POD2		CP	LE	3	4	1	27	22S	37E	673683	3582253*	938	87		
CP 00232 POD1		CP	LE	4	1	3	27	22S	37E	673488	3581844*	986	150		
CP 00233 POD1		CP	LE	4	1	3	27	22S	37E	673488	3581844*	986	182		

Average Depth to Water: **62 feet**
Minimum Depth: **59 feet**
Maximum Depth: **65 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 672789.24 **Northing (Y):** 3582539.92 **Radius:** 1000

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

6/18/23 11:42 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

RECEIVED
OFFICE OF STATE ENGINEER
SANTA FE NEW MEXICO
DATE 4/24/17

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NUMBER (WELL NUMBER): CP-1657-POD2 (MW-36)	OSE FILE NUMBER(S): CP-1657
WELL OWNER NAME(S): Arcadis on Behalf of Chevron Environmental Management Company	PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: 630 Plaza Drive Suite 100	CITY: Highlands Ranch STATE: CO ZIP: 80129

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	21	20.04	N
	LONGITUDE	103	9	35.04	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

2. DRILLING & CASING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1731	Kenny Cooper	Harrison & Cooper, Inc. (DBA HCI Drilling)

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
04/12/17	04/12/17	75'	122'	

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

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	60	7.875	Riser-PVC	Flush Joint	4"	Sch 40	
60	75	7.875	Screen-PVC	Flush Joint	4"	Sch 40	0.010

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
0	54	7.875	Bentonite/Cement Grout	1	Mixed/Poured
54	57	7.875	Bentonite Chips	1	Poured
57	75	7.875	Sand-8/16	1	Poured
75	122	7.875	Bentonite Chip	1	Poured

FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 10/29/15)

FILE NUMBER	CP-1657	POD NUMBER	2	TRN NUMBER	606736
LOCATION	Mon	22S.37E.33.222			PAGE 1 OF 2

RECEIVED
OFFICE OF STATE ENGINEER
SANTA FE NEW MEXICO
DATE 4/24/17

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	2	2	Sand, Brown	Y N	
2	10	8	Caliche	Y N	
10	17	7	Tan Sand & Caliche	Y N	
17	50	33	Pink Sand	Y N	
50	70	20	Red Brown Sand	Y N	
70	85	15	Light Brown Sand	Y N	
85	120	35	Red Sand	Y N	
120	122	2	Yellow & Blue Clay	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

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

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

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

MISCELLANEOUS INFORMATION:

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

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:

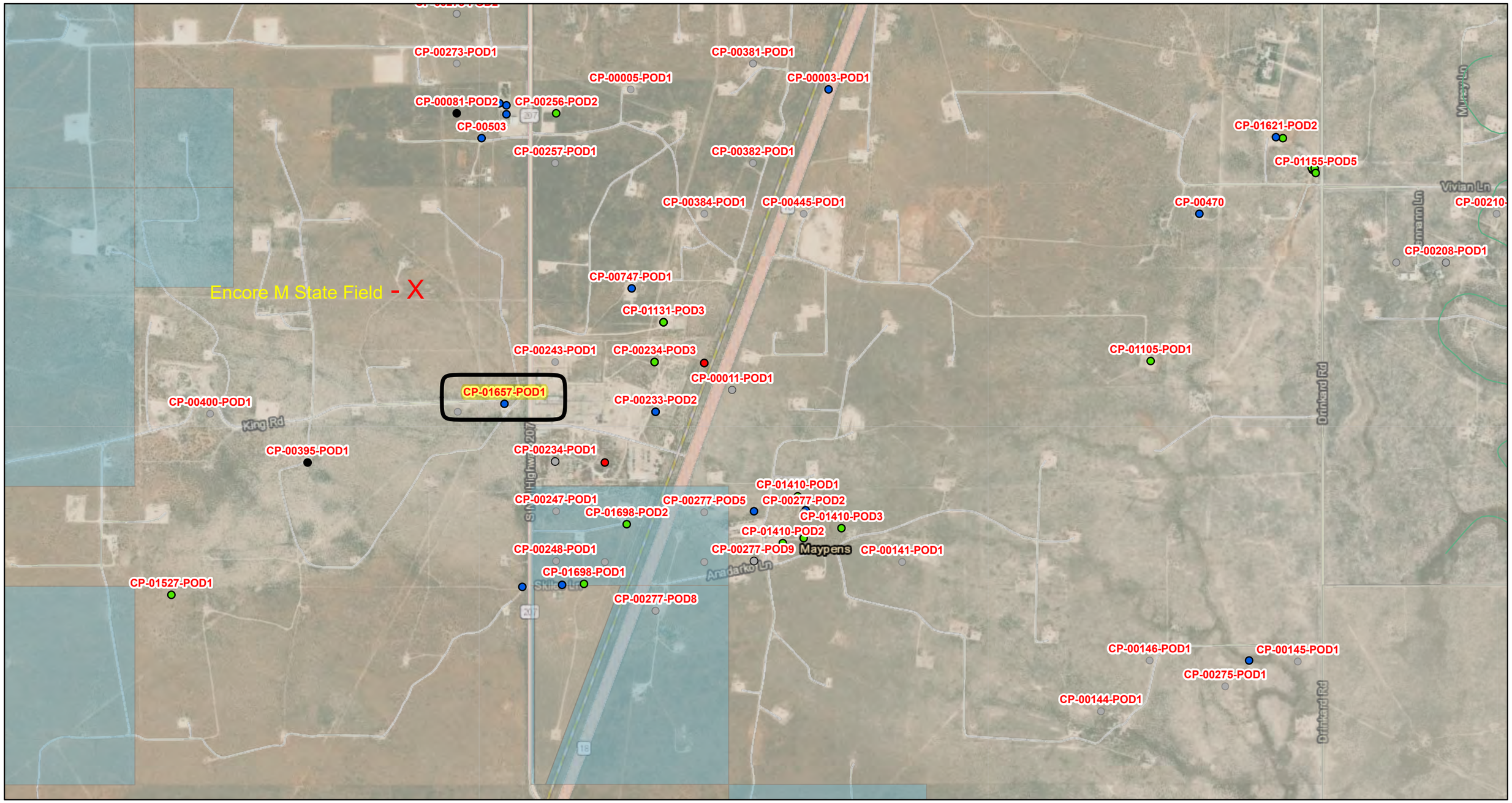
Kenny Cooper — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

04/17/2017 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 10/29/2015)

FILE NUMBER	CP-1657	POD NUMBER	2	TRN NUMBER	606730
LOCATION	Mon	225.37E.33.222			PAGE 2 OF 2

OSE POD Locations Map



6/18/2023, 11:31:44 AM

GIS WATERS PODs
- Active
- Pending
- Inactive
- Plugged
- OSE District Boundary

Water Right Regulations
- Closure Area

New Mexico State Trust Lands
- Subsurface Estate
- Both Estates

NHD Flowlines
- Stream River

SiteBoundaries

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map
Map is generated by web users.

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.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 322101103074801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

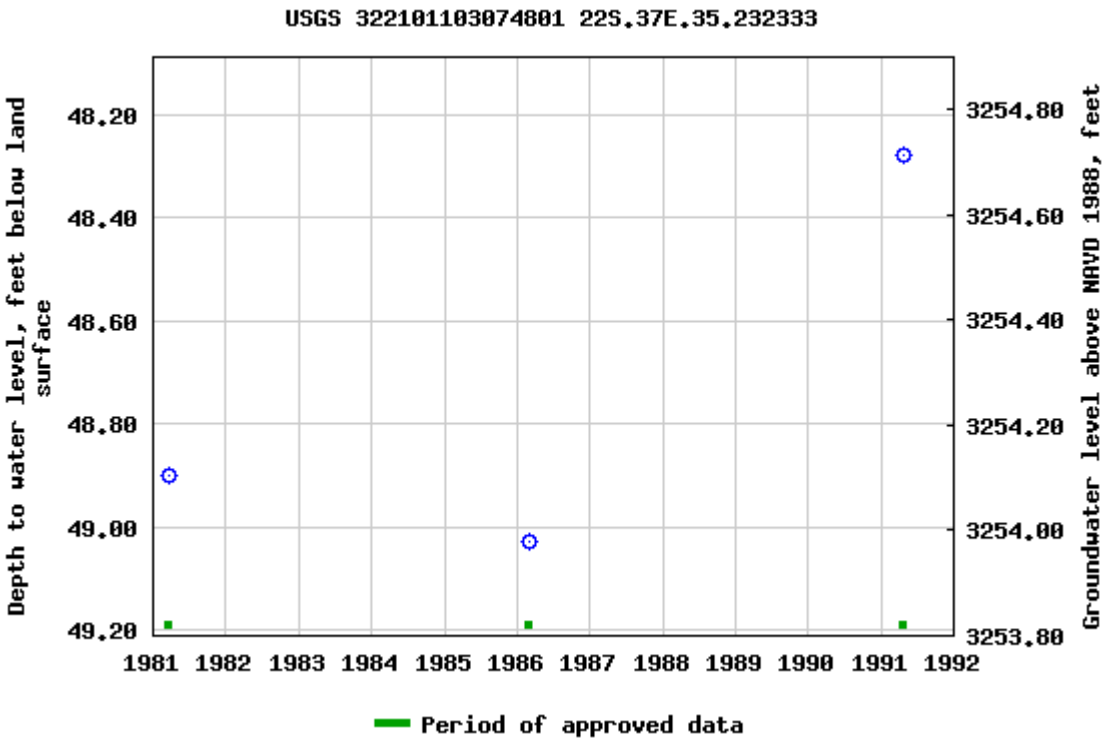
USGS 322101103074801 22S.37E.35.232333

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

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°21'01", Longitude 103°07'48" NAD27
Land-surface elevation 3,303 feet above NAVD88
The depth of the well is 70 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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

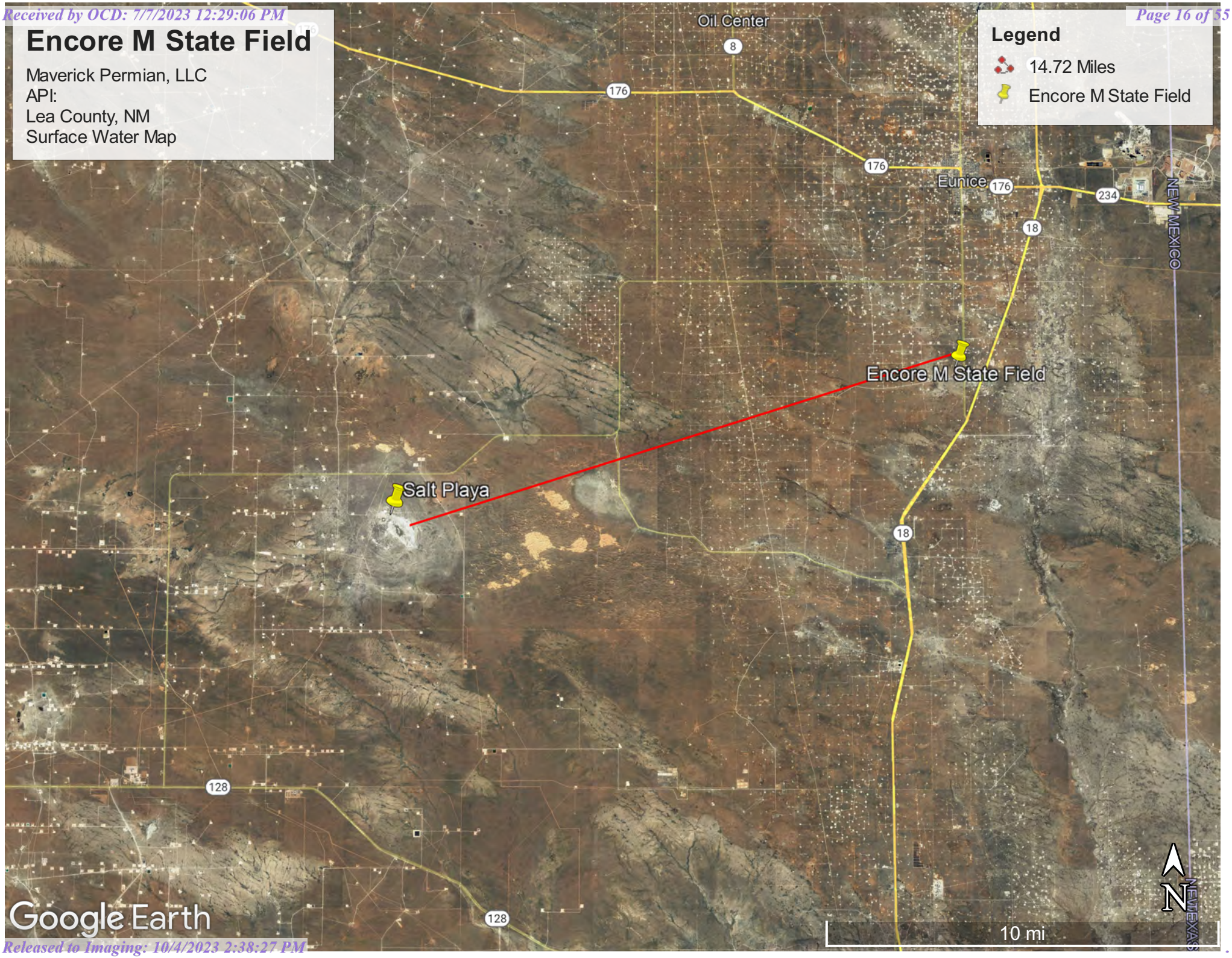
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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: 2023-06-12 17:59:23 EDT
0.61 0.52 nadww01

Encore M State Field

Maverick Permian, LLC
API:
Lea County, NM
Surface Water Map



Legend

14.72 Miles

Encore M State Field

Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 13 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

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand
Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 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: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand
Bt - 12 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 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: 5 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 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 6 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMette

FEMA

103°10'7"W 32°22'15"N

103°9'30"W 32°21'44"N

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

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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 Cross Sections with 1% Annual Chance
- 17.5 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 6/12/2023 at 6:04 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.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

June 12, 2023

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.

Pima Environmental Services

Appendix C

C-141 Form

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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2314649548
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Maverick Permian, LLC	OGRID
Contact Name: Bryce Wagoner	Contact Telephone: 928-241-1862
Contact email: Bryce.Wagoner@mavresources.com	Incident # *(assigned by OCD)* NAPP2314649548
Contact mailing address: 1410 NW County Road Hobbs, NM 88240	

Location of Release Source

Latitude 32.3664739 Longitude -103.1634795
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Encore M State Field	Site Type:
Date Release Discovered: May 24th, 2023	API# *(if applicable): N/A*

Unit Letter	Section	Township	Range	County
H	28	22S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 3 bbls	Volume Recovered (bbls) 3 bbls
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:

A pin hole developed in a poly line leading to an overspray of crude oil. All contamination was recovered.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2314649548
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
☒ 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:

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

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.

Printed Name: __Bryce Wagoner_____ Title: _____Permian HSE Specialist II_____

Signature: _____ Date: 6/5/2023

email: _____Bryce.Wagoner@mavresources.com____ Telephone: ____928-241-1862_____

OCD Only

Received by: _____ Date: _____

Spill Volume(Bbls) Calculator *Inputs in blue , Outputs in red*		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth(Ft)
45	37.500	0.500
Cubic Feet of Soil Impacted		843.750
Barrels of Soil Impacted		150.40
Soil Type		Sand
Barrels of Oil Assuming 100% Saturation		30.08
Saturation	Damp no fluid when squeezed	
Estimated Barrels of Oil Released		3.01

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2314649548
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	>100 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
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?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2314649548
District RP	
Facility ID	
Application ID	

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.

Printed Name: Bryce Wagoner Title: Permian EHS Specialist II

Signature: Date: 6/28/2023

email: Bryce.Wagoner@mavresources.com Telephone: 928-847-1862

OCD Only

Received by: Shelly Wells Date: 7/7/2023

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Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2314649548
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

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.

Printed Name: Bryce Wagoner Title: Permian EHS Specialist II

Signature: Date: 6/28/2023

email: Bryce.Wagoner@mavresources Telephone: 928-241-1862

OCD Only

Received by: Shelly Wells Date: 7/7/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Date:

Printed Name: Title:

Pima Environmental Services

6/2/2023

Appendix D

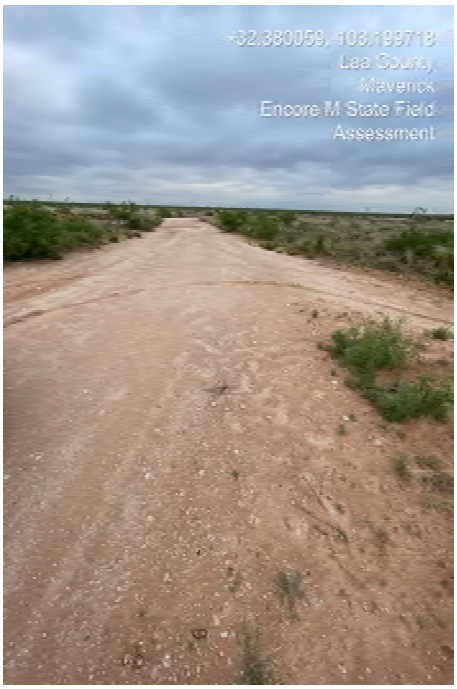
Photographic Documentation

SITE PHOTOGRAPHS
MAVERICK PERMIAN, LLC
Encore M State Field

Initial Release



Site Assessment



Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Encore M State Field
Work Order:	E306034
Job Number:	21064-0001
Received:	6/6/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/9/23

Date Reported: 6/9/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Encore M State Field
Workorder: E306034
Date Received: 6/6/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/6/2023 8:20:00AM, under the Project Name: Encore M State Field.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 15:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E306034-01A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
S2 - 1'	E306034-02A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
S3 - 1'	E306034-03A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
S1 - 4'	E306034-04A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
S2 - 4'	E306034-05A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
S3 - 4'	E306034-06A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
SW1	E306034-07A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
SW2	E306034-08A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
SW3	E306034-09A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.
SW4	E306034-10A	Soil	06/02/23	06/06/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S1 - 1'

E306034-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*82.5 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S2 - 1'

E306034-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*84.7 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S3 - 1'

E306034-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*85.1 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S1 - 4'

E306034-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*95.2 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S2 - 4'

E306034-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*101 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

S3 - 4'

E306034-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*106 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

SW1

E306034-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/06/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/06/23	
Toluene	ND	0.0250	1	06/06/23	06/06/23	
o-Xylene	ND	0.0250	1	06/06/23	06/06/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/06/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/06/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*06/06/23*	*06/06/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

SW2

E306034-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/07/23	
Toluene	ND	0.0250	1	06/06/23	06/07/23	
o-Xylene	ND	0.0250	1	06/06/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*98.4 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

SW3

E306034-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/07/23	
Toluene	ND	0.0250	1	06/06/23	06/07/23	
o-Xylene	ND	0.0250	1	06/06/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*98.7 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*89.9 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

SW4

E306034-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Benzene	ND	0.0250	1	06/06/23	06/07/23	
Ethylbenzene	ND	0.0250	1	06/06/23	06/07/23	
Toluene	ND	0.0250	1	06/06/23	06/07/23	
o-Xylene	ND	0.0250	1	06/06/23	06/07/23	
p,m-Xylene	ND	0.0500	1	06/06/23	06/07/23	
Total Xylenes	ND	0.0250	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2323009
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/06/23	06/07/23	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*06/06/23*	*06/07/23*	
Surrogate: Toluene-d8		*105 %*	*70-130*	*06/06/23*	*06/07/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323026
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*95.6 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323014
Chloride	ND	20.0	1	06/06/23	06/06/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323009-BLK1)									Prepared: 06/06/23 Analyzed: 06/06/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS (2323009-BS1)									Prepared: 06/06/23 Analyzed: 06/06/23
Benzene	2.56	0.0250	2.50		102	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.29	0.0500	5.00		106	70-130			
Total Xylenes	7.94	0.0250	7.50		106	70-130			
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.514*		*0.500*		*103*	*70-130*			
Matrix Spike (2323009-MS1)				**Source: E306026-01**					Prepared: 06/06/23 Analyzed: 06/06/23
Benzene	2.16	0.0250	2.50	ND	86.3	48-131			
Ethylbenzene	2.15	0.0250	2.50	ND	85.9	45-135			
Toluene	2.19	0.0250	2.50	ND	87.6	48-130			
o-Xylene	2.27	0.0250	2.50	ND	90.8	43-135			
p,m-Xylene	4.48	0.0500	5.00	ND	89.6	43-135			
Total Xylenes	6.75	0.0250	7.50	ND	90.0	43-135			
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
Matrix Spike Dup (2323009-MSD1)				**Source: E306026-01**					Prepared: 06/06/23 Analyzed: 06/06/23
Benzene	2.46	0.0250	2.50	ND	98.4	48-131	13.1	23	
Ethylbenzene	2.44	0.0250	2.50	ND	97.5	45-135	12.7	27	
Toluene	2.47	0.0250	2.50	ND	98.7	48-130	12.0	24	
o-Xylene	2.55	0.0250	2.50	ND	102	43-135	11.6	27	
p,m-Xylene	5.04	0.0500	5.00	ND	101	43-135	11.7	27	
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135	11.7	27	
Surrogate: Bromofluorobenzene	*0.495*		*0.500*		*98.9*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.531*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.502*		*0.500*		*100*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323009-BLK1)									Prepared: 06/06/23 Analyzed: 06/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.489*		*0.500*		*97.7*	*70-130*			
Surrogate: Toluene-d8	*0.522*		*0.500*		*104*	*70-130*			
LCS (2323009-BS2)									Prepared: 06/06/23 Analyzed: 06/06/23
Gasoline Range Organics (C6-C10)	56.0	20.0	50.0		112	70-130			
Surrogate: Bromofluorobenzene	*0.516*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.529*		*0.500*		*106*	*70-130*			
Matrix Spike (2323009-MS2)				**Source: E306026-01**					Prepared: 06/06/23 Analyzed: 06/06/23
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130			
Surrogate: Bromofluorobenzene	*0.521*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.504*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.521*		*0.500*		*104*	*70-130*			
Matrix Spike Dup (2323009-MSD2)				**Source: E306026-01**					Prepared: 06/06/23 Analyzed: 06/06/23
Gasoline Range Organics (C6-C10)	59.4	20.0	50.0	ND	119	70-130	0.778	20	
Surrogate: Bromofluorobenzene	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.527*		*0.500*		*105*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323026-BLK1)									Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*65.1*		*50.0*		*130*	*50-200*			
LCS (2323026-BS1)									Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	286	25.0	250		115	38-132			
Surrogate: n-Nonane	*50.2*		*50.0*		*100*	*50-200*			
Matrix Spike (2323026-MS1)				**Source: E306034-06**					Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	*46.1*		*50.0*		*92.1*	*50-200*			
Matrix Spike Dup (2323026-MSD1)				**Source: E306034-06**					Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132	5.52	20	
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	**Reported:**
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	6/9/2023 3:50:14PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323014-BLK1)									Prepared: 06/06/23 Analyzed: 06/06/23
Chloride	ND	20.0							
LCS (2323014-BS1)									Prepared: 06/06/23 Analyzed: 06/06/23
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2323014-MS1)				**Source: E306033-05**					Prepared: 06/06/23 Analyzed: 06/06/23
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2323014-MSD1)				**Source: E306033-05**					Prepared: 06/06/23 Analyzed: 06/06/23
Chloride	254	20.0	250	ND	102	80-120	0.777	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Encore M State Field	
PO Box 247	Project Number:	21064-0001	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	06/09/23 15:50

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | Page 1 of 1

Client: Pima Environmental Services	Bill To
Project: Encore M State Field	Attention: Maverick
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 24-10
Report due by:	

Lab Use Only: Lab WO# E306034 | Job Number 21004-0001

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:00	6/2/23	S	1	S1-1'	1	X	
8:05				S2-1'	2		
8:10				S3-1'	3		
8:15				S1-4'	4		
8:20				S2-4'	5		
8:25				S3-4'	6		
8:30				SW1	7		
8:35				SW2	8		
8:40				SW3	9		
8:45				SW4	10		

Additional Instructions: WO# Bill Pima

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Marine Adams	6/5/23	230	Michelle Campos	6-5-23	1430
Michelle Campos	6-5-23	1700	Andrew Mesa	6-5-23	1700
Andrew Mesa	6-5-23	1630	Cauthman	6/6/23	8:20

Lab Use Only — Received on ice: (Y) N — T1 — T2 — T3 — AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 6/6/2023 9:05:22AM

Sample Receipt Checklist (SRC)

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	06/06/23 08:20	Work Order ID:	E306034
Phone:	(575) 631-6977	Date Logged In:	06/06/23 08:55	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/12/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

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

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

COMMENTS

Action 237260

COMMENTS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 237260
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
csmith	Returned Applications back to OCD Review, Release is not reportable, accepting report for record purposes only.	10/4/2023

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CONDITIONS

Created By	Condition	Condition Date
nvelez	Accepted for the record. Release was under the reportable quantity. Release resolved.	10/4/2023