2135 S. Loop 250 W,
Midland, Texas 79703
United States
www.ghd.com

Our Ref: 12665536-NMOCD-1

April 15, 2025

New Mexico Oil Conservation Division
506 W. Texas Avenue
Artesia, New Mexico 88210

Closure Report
ConocoPhillips Company
SL East 30 Fed 2 Release
Unit Letter P, Section 19, T19S, R32E
GPS: 32.6397, -103.7989
Lea County, New Mexico

To whom it may concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of ConocoPhillips Company (Conoco) has prepared this *Closure Report* to document Site assessment activities at SL East 30 Fed 2 (Site). The purpose of the assessment was to determine the presence or absence of impacts to soil following a release of produced water within a lined containment at the Site. Based on field observations, Conoco is submitting this *Closure Report*, describing Site assessment activities that have occurred and requesting closure for Incident Number nAPP2504229774.

2. Site Description and Release Summary

The Site is in Unit P, Section 19, Township 19 South, Range 32 East, in Lea County, New Mexico (32.6397, -103.7989) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). On January 17, 2025, approximately 6 barrels (bbls) of produced water were released into the lined secondary containment due to an equipment failure. A vacuum truck was dispatched to the Site to recover free-standing fluids; all 6 bbls of released produced water were recovered from within the lined containment. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on February 11, 2025, and was subsequently assigned Incident Number nAPP2504229774.

3. Site Characterization and Closure Criteria

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (NMAC 19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are summarized below and a Site Map is presented on **Figure 1**.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soils located within the Site consists of primarily of Pyote loamy fine sand and Kermit-Palomas fine sands. Per the New Mexico Bureau of Geology and Mineral Resources, the shallow geology consists of landslide deposits and colluvium, Holocene to Pleistocene in age. The Site is located within an area of low karst potential.

Depth to groundwater at the Site is estimated to be greater than 300 feet below ground surface (bgs) based on the nearest groundwater well data. Groundwater was determined utilizing the New Mexico Office of the State Engineers (NMOSE) database for registered water wells. The nearest permitted groundwater well with depth to groundwater data is NMOSE well CP 00639-POD1 located approximately 0.60 miles northeast of the Site. The well was completed to a depth of 350 feet bgs on February 9, 1982. A copy of the referenced well record is included in **Attachment A**.

The nearest fresh water well for livestock watering purposes is located approximately 4.80 miles southwest of the Site. The Site is approximately 2.94 miles from a lakebed, sinkhole, or playa lake and approximately 5 miles from an occupied residence, school, hospital, institution, or church. The Site is approximately 4.8 miles to a freshwater well or spring and is greater than 5 miles of a 100-year floodplain. The nearest subsurface mine in the area is approximately 4.65 miles south of the Site, and the nearest wetland is approximately 2.90 miles from the Site. The Site is not underlain by unstable geology. The location of the Site is depicted on **Figure 1**. A detailed map of the Site is provided on **Figure 2**. The Site Characterization Documentation is included in **Attachment B**.

Based on the results of the Site Characterization desktop review and not having confirmed depth to groundwater within 0.5 miles of the Site, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

Table 1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Benzene (mg/kg)	BTEX (mg/kg)	TPH (GRO+DRO) (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release.	10	50	---	100	600

Notes:
--- = not defined
TPH = total petroleum hydrocarbons
GRO+DRO+MRO = Gasoline Range Organics + Diesel Range Organics + Motor Oil/Lube Range Organics
BTEX = benzene, toluene, ethylbenzene, and xylene

4. Site Assessment Activities

The liner inspection notice was provided on March 19, 2025. A liner integrity inspection was completed on March 25, 2025, after the secondary containment was cleaned for a visual inspection. The liner was visually inspected and no rips, tears, holes, or damages in the liner were observed. The liner was determined to be intact with no integrity issues. Photographic documentation of the liner inspection is presented in **Attachment C**.

5. Closure Request

Based on the liner inspection and assessment activities at the Site, Conoco respectfully requests that no further actions be required, and requests closure of Incident Number nAPP2504229774 be granted.

Regards,

Kayla Taylor
Senior Project Manager

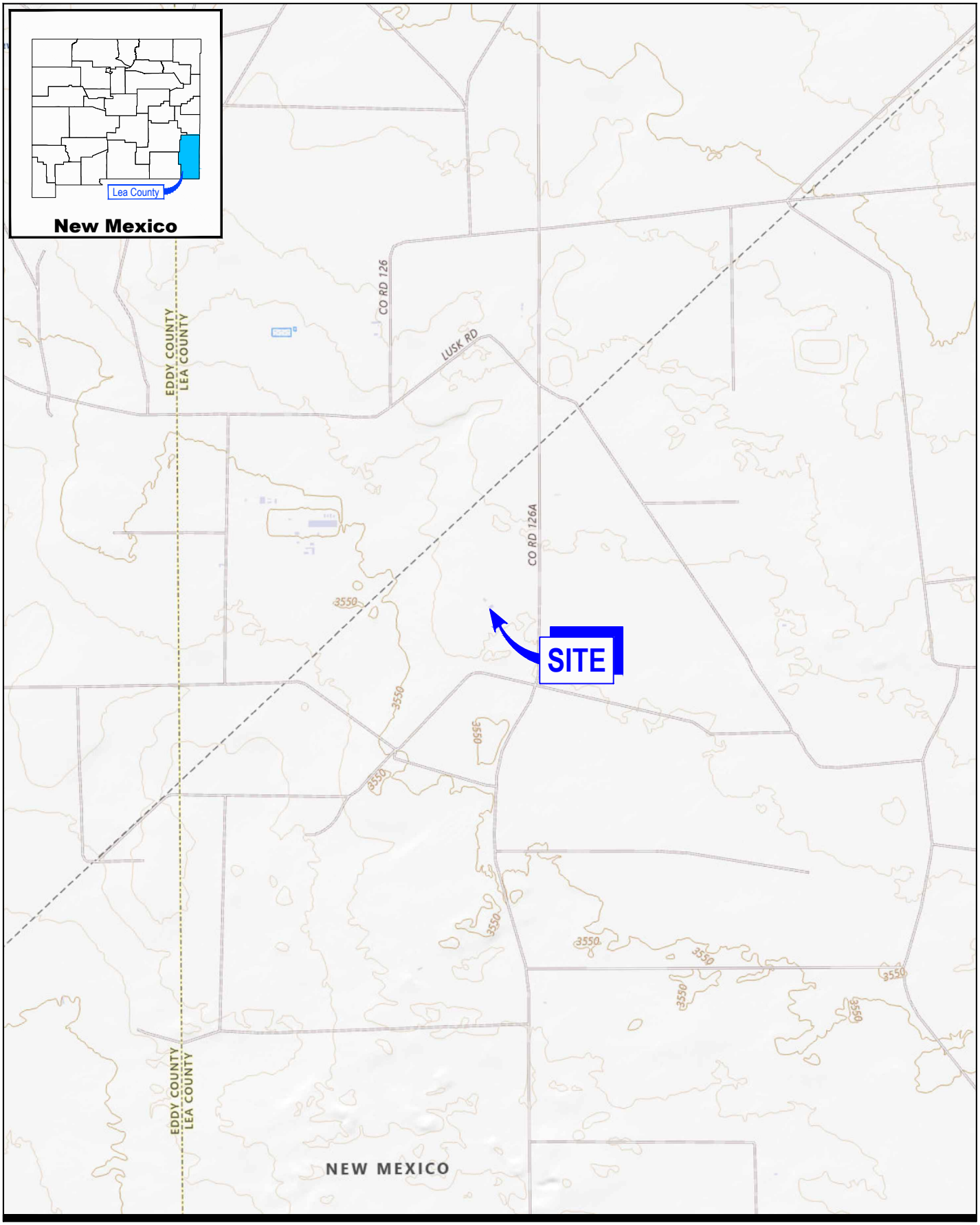
+1 432 210-5443
kayla.taylor@ghd.com

Jessica Wright
Project Director

+1 713 337-5419
jessica.wright@ghd.com

KT/mss/1

Encl. Figure 1 – Site Location Map
Figure 2 – Site Details Map
Attachment A – Referenced Well Records
Attachment B – Site Characterization Documentation
Attachment C – Photographic Documentation



0 1000 2000 ft

1" = 2000 ft

Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

N

CONOCO PHILLIPS COMPANY
LEA COUNTY, NEW MEXICO
SL EAST 30 FED COM
INCIDENT No. nAPP2504229774

Project No. **12665536**
Date **April 2025**

SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12665536\Digital_Design\ACAD\Figures\RPT001\12665536-GHD-00-00-RPT-EN-D101_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Greenwood Lake and Williams Sink, New Mexico"
Lat/Long: 32.6397° North, 103.7989° West

Page 5 of 32

0 25 50 ft

1" = 50 ft
Coordinate System:
NAD 1983 State Plane-
New Mexico East (US Feet)

N

GHD

CONOCO PHILLIPS COMPANY
LEA COUNTY, NEW MEXICO
SL EAST 30 FED COM
INCIDENT No. nAPP2504229774

SITE DETAILS MAP

Project No. **12665536**
Date **April 2025**

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\12665536\Digital_Design\ACAD\Figures\RPT001\12665536-GHD-00-00-RPT-EN-D101_DL-001.dwg
Plot Date: 08 April 2025 2:05 PM

Data Source: Image © 2025 Google - Imagery Date: January 27, 2023
Lat/Long: 32.6397° North, 103.7989° West

Received by OCD: 4/29/2025 9:24:46 AM

Released to Imaging: 5/5/2025 9:32:02 AM

Attachments

Attachment A

Referenced Well Records

Received by OCD: 4/29/2025 9:24:46 AM

Revised June 1972

SANTA FE

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Phillips Petroleum Company Owner's Well No. CP639 (explorato
Street or Post Office Address Room 401, 4001 Penbrook St.
City and State Odessa, Texas

Well was drilled under Permit No. CP-639 (exploratory) and is located in the: #2 2400'N 1200'W

a. ____ ¼ ____ ¼ ____ ¼ ____ ¼ of Section 20 Township 19S Range 32S N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in ____ Lea ____ County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor Larry's Drilling License No. WD882

Address 2601 W. Bender Hobbs, NM 88240

Drilling Began 2-9-82 Completed 2-10-82 Type tools tri-cone Size of hole 4-3/4 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 350 ft.

Completed well is ☐ shallow ☐ artesian. test hole Depth to water upon completion of well 345 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To

Section 4. RECORD OF MUDDING AND CEMENTING

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

Section 5. PLUGGING RECORD

Plugging Contractor Phillips Petroleum Company
Address Room 401, 4001 Penbrook, Odessa, Tx 79762
Plugging Method Filled hole from 350' (TD) to surface with sand
Date Well Plugged February 11, 1982
Plugging approved by: ____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1	Surface	350'	sand fill
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received April 9, 1982

Quad ____ FWL ____ FSL ____

File No. CP-639 (Exploratory) Use Other Location No. 19.32.20.134423

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Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	10	10	blow sand
10	20	10	caliche
20	50	30	red sand
50	80	30	red clay
80	85	5	gray clay
85	100	15	red, gray, green clay
100	135	35	red dirt
135	170	35	gray hard clay
170	174	4	red clay & rock
174	235	61	gray hard clay
235	237	2	red clay
237	250	13	gray clay
250	280	30	red bed some gravel
280	310	30	gray rock
310	335	25	white rock red bed
335	350	15	red bed

Section 7. REMARKS AND ADDITIONAL INFORMATION

Plugging report

APR 9 10 AM '62

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

W. G. Mueller - Sr. Engineering Specialist
Operator: Phillips Petroleum Company

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Attachment B

Site Characterization Documentation

Soil Map—Lea County, New Mexico

Received by OCD: 4/29/2025 9:24:46 AM

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
KD	Kermit-Palomas fine sands, 0 to 12 percent slopes	1.2	29.7%
PT	Pyote loamy fine sand	2.9	70.3%
Totals for Area of Interest		**4.1**	**100.0%**

Lea County, New Mexico

PT—Pyote loamy fine sand

Map Unit Setting

National map unit symbol: dmqp
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 200 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

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

Typical profile

A - 0 to 25 inches: loamy fine sand
Bt - 25 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 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 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s

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Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar
Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas
Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

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

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Lea County, New Mexico

KD—Kermit-Palomas fine sands, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpv
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 12 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: 70 percent
Palomas and similar soils: 20 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: 3 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
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Description of Palomas

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: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 5 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: 50 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 7.5 inches)

Interpretive groups

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

Minor Components

Pyote

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

Maljamar

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

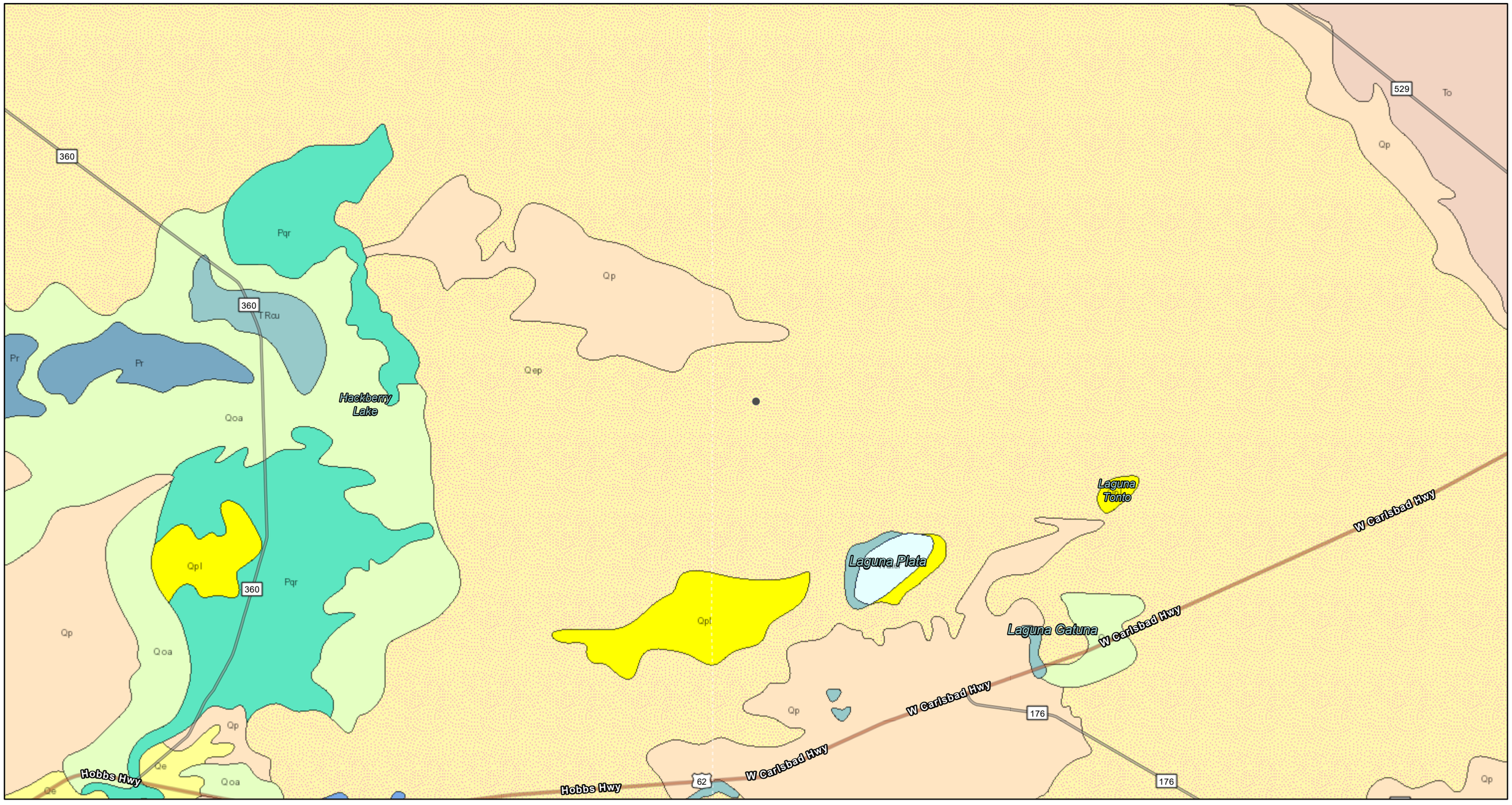
Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

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

SL East 30 Fed 2



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Lithologic Units

- Playa—Alluvium and evaporite deposits (Holocene)
- Water—Perenial standing water
- Qa—Alluvium (Holocene to upper Pleistocene)
- Ql—Landslide deposits and colluvium (Holocene to Pleistocene) — Landslide deposits on western flanks of Socorro Mountains not shown for clarity
- Qpl—Lacustrine and playa deposits (Holocene) — Includes associated alluvial and eolian deposits of major lake basins
- Qp—Piedmont alluvial deposits (Holocene to lower Pleistocene)
- Qe—Eolian deposits (Holocene to middle Pleistocene)
- Qeg—Gypsiferous eolian deposits (Holocene to middle Pleistocene)

0 1.5 3 6 mi

0 2.25 4.5 9 km

Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Earthstar Geographics, NMBGMR

ArcGIS Web AppBuilder

New Mexico Bureau of Geology & Mineral Resources, Bureau of Land Management | New Mexico Bureau of Geology and Mineral Resources | New Mexico Bureau of Geology & Mineral Resources | NMBGMR | NMBGMR, BLM | Earthstar Geographics | Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin,

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SL East 30 Fed 2

4/1/2025, 6:37:26 PM

Karst Occurrence Potential

Low

1:4,514

0 0.05 0.1 0.19 mi

0 0.07 0.15 0.3 km

BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

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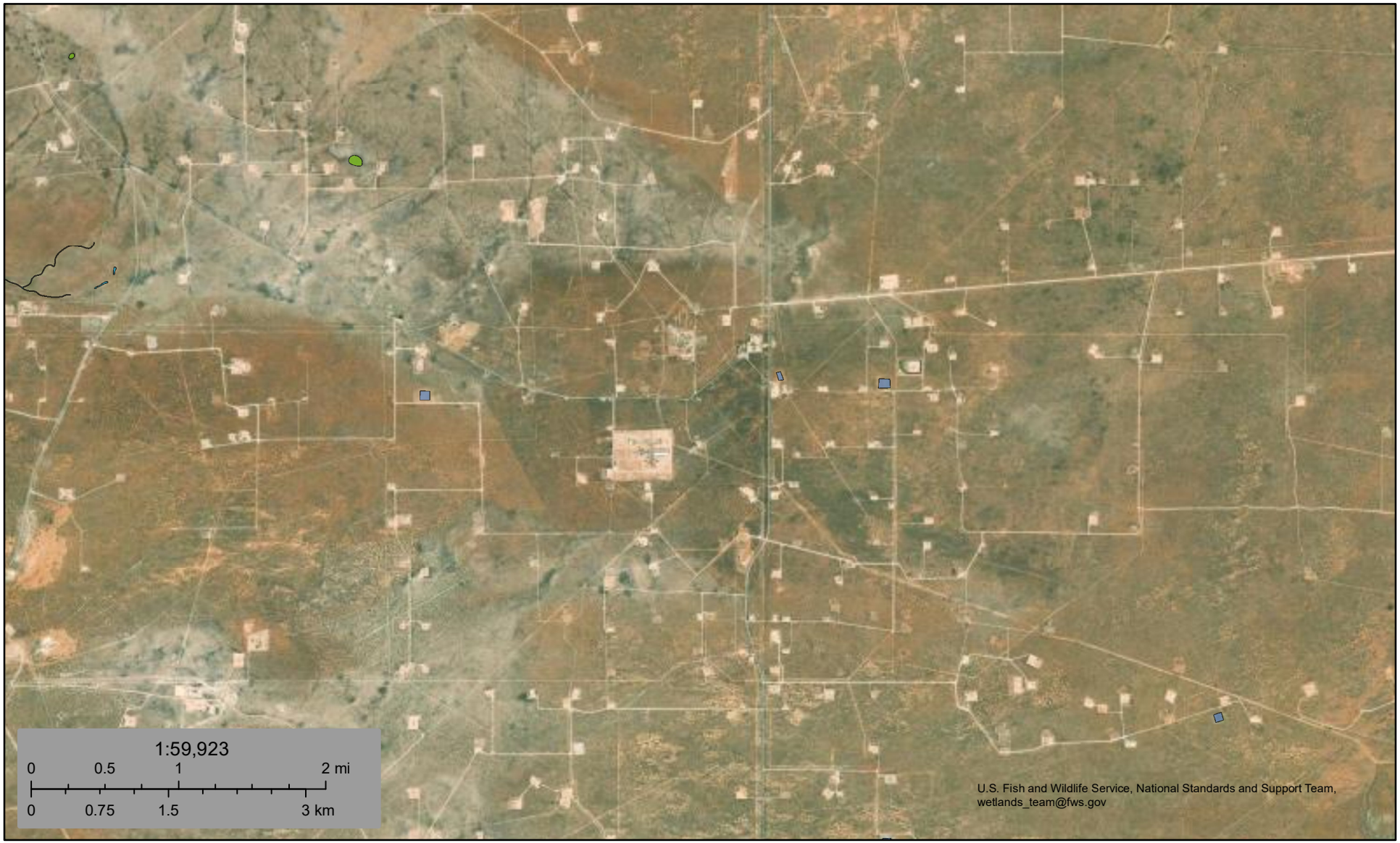
U.S. Fish and Wildlife Service
National Wetlands Inventory

SL East 30 Fed 2 Release



April 8, 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.

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National Flood Hazard Layer FIRMette

FEMA

103°48'15"W 32°38'38"N

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

1:6,000

103°47'37"W 32°38'8"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 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 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 4/1/2025 at 11:47 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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Attachment C

Photographic Documentation

ConocoPhillips Company
SL East 30 Fed 2
Incident No. naPP2504229774
Lea County, New Mexico

Photo 1 *View of northside secondary containment towards northeast.*

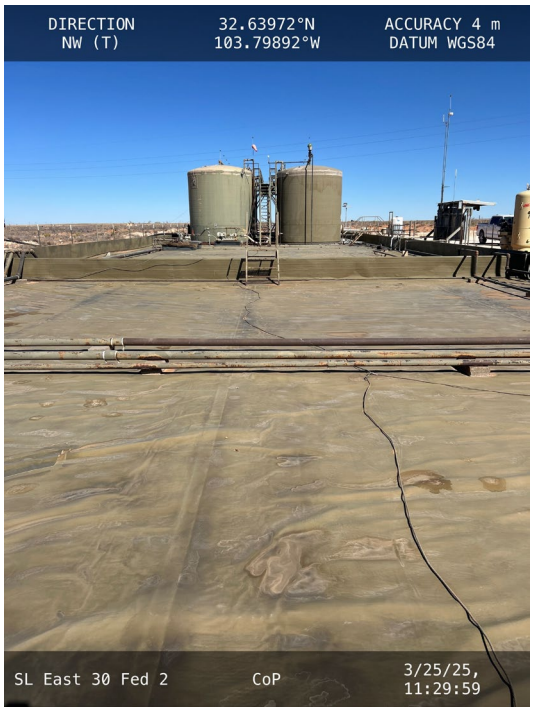

Photo 2 *View of central portion of secondary containment.*

Photo 3 *View of north side secondary containment towards west.*

Photo 4 *View of south side secondary containment towards west.*

ConocoPhillips Company
SL East 30 Fed 2
Incident No. naPP2504229774
Lea County, New Mexico

Photo 5 *View of north side secondary containment towards west.*

Photo 6 *View of north side secondary containment towards east.*

Photo 7 *View of south side secondary containment towards west.*

Photo 3 *View of north side secondary containment towards west.*

ConocoPhillips Company
SL East 30 Fed 2
Incident No. naPP2504229774
Lea County, New Mexico

Photo 9 *View of south side secondary containment towards east.*

Photo 10 *View of west side containment towards south.*

Photo 11 *View of central portion of secondary containment towards south.*

Photo 12 *View of central portion of secondary containment towards north.*

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 456604

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2504229774**
Incident Name	**NAPP2504229774 SL EAST 30 FEDERAL COM 002H @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2203953077] SL East 30 Fed Com 2H Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SL East 30 Federal Com 002H
Date Release Discovered	01/18/2025
Surface Owner	Federal

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

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Oil Conservation Division
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QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 02/11/2025

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QUESTIONS (continued)

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	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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	Yes
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	03/25/2025
On what date will (or did) the final sampling or liner inspection occur	03/25/2025
On what date will (or was) the remediation complete(d)	03/25/2025
What is the estimated surface area (in square feet) that will be remediated	3800
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 04/29/2025
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: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	**443917**
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	**03/25/2025**
Was all the impacted materials removed from the liner	**Yes**
What was the liner inspection surface area in square feet	**3800**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**Yes**
What was the total surface area (in square feet) remediated	3800
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Liner Inspected

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 04/29/2025

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CONDITIONS

Action 456604

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 456604
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/5/2025