



July 1, 2026

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Re: **Remediation, Reclamation, and Revegetation Report
Closure Report
Jacinto Federal Com #040H Flare Release/Fire
nAPP2612427247
30-025-44152
O-25-24S-34E
Lea County, NM
Private (Quail Ranch)**

Sir or Madam:

McNabb Partners LLC (McNabb) was contacted by ConocoPhillips (COP) to assess, evaluate and remediate a release associated with a fire from the Jacinto Federal Com #040H flare. The associated well API # is 30-025-44152, however the release occurred in the pasture north of the flare and lease pad. The release footprint is located in Public Land Survey System (PLSS) Unit Letter O, Section 25, Township 24 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.182761°, -103.421844° as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141, the Jacinto Federal Com #040H Flare Release/Fire was discovered on May 3, 2026. The release occurred as the result of an equipment failure, when a Jatco pot failed to dump, causing fluid to be sent to the flare that resulted in a fire. Approximately 0.22 barrels (bbls) of oil were reported released, with none recovered. The release footprint (2,342 sf) and fire area together reportedly encompass an estimated area of 3,900 square feet. The NMOCD Incident ID for this release is nAPP2612427247. The Site and surrounding area are located on Private Land (Quail Ranch). The C-141 form is included in Appendix A.

SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, stream bodies, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

McNABB PARTNERS, LLC
Hobbs • Carlsbad • Midland
575.397.0050
www.mcnabbpartnersllc.com



ConocoPhillips
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Depth to groundwater is estimated to be greater than 100 feet below ground surface (bgs) based on available regional groundwater well data from five groundwater wells within 1.5 miles of the Site. Site characterization data has been established from a 2022 incident (nAPP2236140625) at the well pad location, for which the incident closure is approved. The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization, the approved 2022 closure report, and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance Procedures for Implementation of the Spill Rule (19.15.29 NMAC) (September 6, 2019), the following reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations are as follows:

Constituent	RRALs
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

SITE ASSESSMENT

McNabb personnel mobilized to the Site on May 7, 2026, to conduct assessment activities. A total of five (5) borings (B-1 through B-5) were installed to a maximum depth of 2' bgs within the release footprint to achieve vertical delineation of the release extent. A total of four (4) soil borings (H-1 through H-4) were installed to 1' bgs to achieve horizontal delineation of the release extent. The approximate release extent and the boring locations are presented in Figure 3.

A total of twelve (12) soil samples were collected from the nine locations and submitted to Cardinal Laboratories to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. All analytical results were below the reclamation requirements for all analyzed constituents. However, the upper 1' of soil from boring location (B-2) exhibited trace TPH concentrations. The results of the assessment are provided in Table 1. A copy of the laboratory analytical report and chain of-custody documentation are included in Appendix C. Photographic documentation of Site conditions at the time of the assessment is presented in Appendix D.



REMEDIATION ACTIVITIES

Although the analytical data indicated that soil concentrations were below the reclamation requirements and no remediation was necessary, ConocoPhillips elected to conduct a targeted scrape to remove any residual surficial discoloration. Remediation consisted of a shallow scrape (with hand shovels and rakes over the overspray footprint) to remove any residual trace of impact from the release (and fire). Portions of the identified release extent were scraped to a depth of approximately 3 inches bgs, resulting in approximately 3 cubic yards of soil being removed. Photographic documentation of the release extent before and after the scrape is included in Appendix D. The remediated area is indicated in Figure 4.

McNabb personnel conducted confirmation sampling on June 18, 2026, for verification of remedial activities. Prior to confirmation sampling, the NMOC district office was notified on June 16, 2026 via the OCD Portal (C-141N) in accordance with Subsection D of 19.15.29.12 NMAC. Copies of the regulatory correspondence are included in Appendix C.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Confirmation samples were collected such that each sample (sidewall and floor) was representative of no more than 200 square feet of scraped area. Twelve (12) confirmation floor sample locations and four (4) confirmation sidewall sample locations were used for laboratory analysis during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas and confirmation sample locations are indicated in Figure 4. Photographs from the remediated areas are provided in Appendix E.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the reclamation limits and established Site RRALs to demonstrate compliance. The results of the June 2026 confirmation sampling events are summarized in Table 2. All final confirmation soil samples (floor and sidewall) were below applicable reclamation requirements for chloride, TPH, and BTEX. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. All excavated material was transported offsite for proper disposal. Approximately 3 cubic yards of material were transported to the R360 Halfway Facility.

RECLAMATION

The analytical data from the assessment was well below reclamation requirements of 600 mg/kg for chlorides and 100 mg/kg for TPH. ConocoPhillips elected to conduct a scrape of the impacted area to remove any surficial discoloration. During the surface scrape, personnel were cautious around existing vegetation as the release had not substantially impacted the established vegetation. Therefore, based on 19.15.29.13 NMAC, areas disturbed by the remediation have been reclaimed, as the responsible party has restored the impacted surface areas to the condition that existed prior to the release.

The scraped area was re-contoured and no backfill material was used as all confirmation samples were below the reclamation limits. Therefore, in accordance with 19.15.29.12 NMAC, the



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reclaimed area contains a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B.

REVEGETATION

As remedial activities did not impact or remove established vegetation and based on 19.15.29.13 NMAC, revegetation is complete, and no further restoration is required. All disturbed areas have uniform vegetative cover established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds.

CONCLUSION

Based on the results of the site assessment, remedial actions, and confirmation sampling, ConocoPhillips respectfully requests closure of the incident. This final closure report has been submitted within 90 days of discovery of the release. This final closure report details the release characterization, remedial activities and the results of the confirmation sampling. Additionally, the Site meets the requirements set by 19.15.29.13 NMAC. Should you have any questions or comments, please do not hesitate to contact me at christian@mcnabbpartners.com.

Sincerely,

Christian Llull

Director, Environmental Services
McNabb Partners, LLC



ConocoPhillips
Jacinto Federal Com #040H Flare Release/Fire
Closure Report

LIST OF ATTACHMENTS

FIGURES:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Release Extent and Site Assessment
- Figure 4 – Remediation Activities

TABLES:

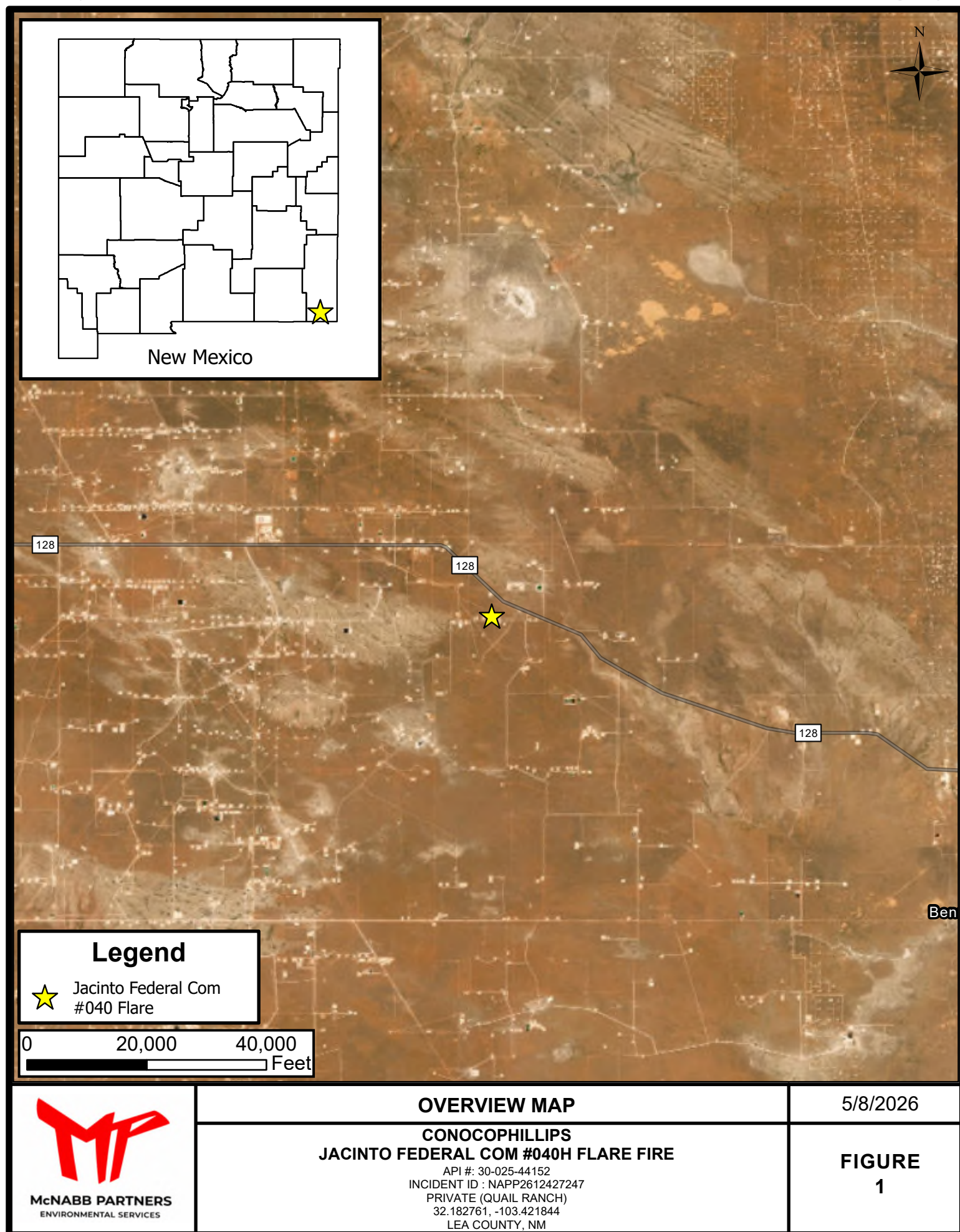
- Table 1 – Summary of Analytical Results – Site Assessment
- Table 2 – Summary of Analytical Results – Confirmation Sampling

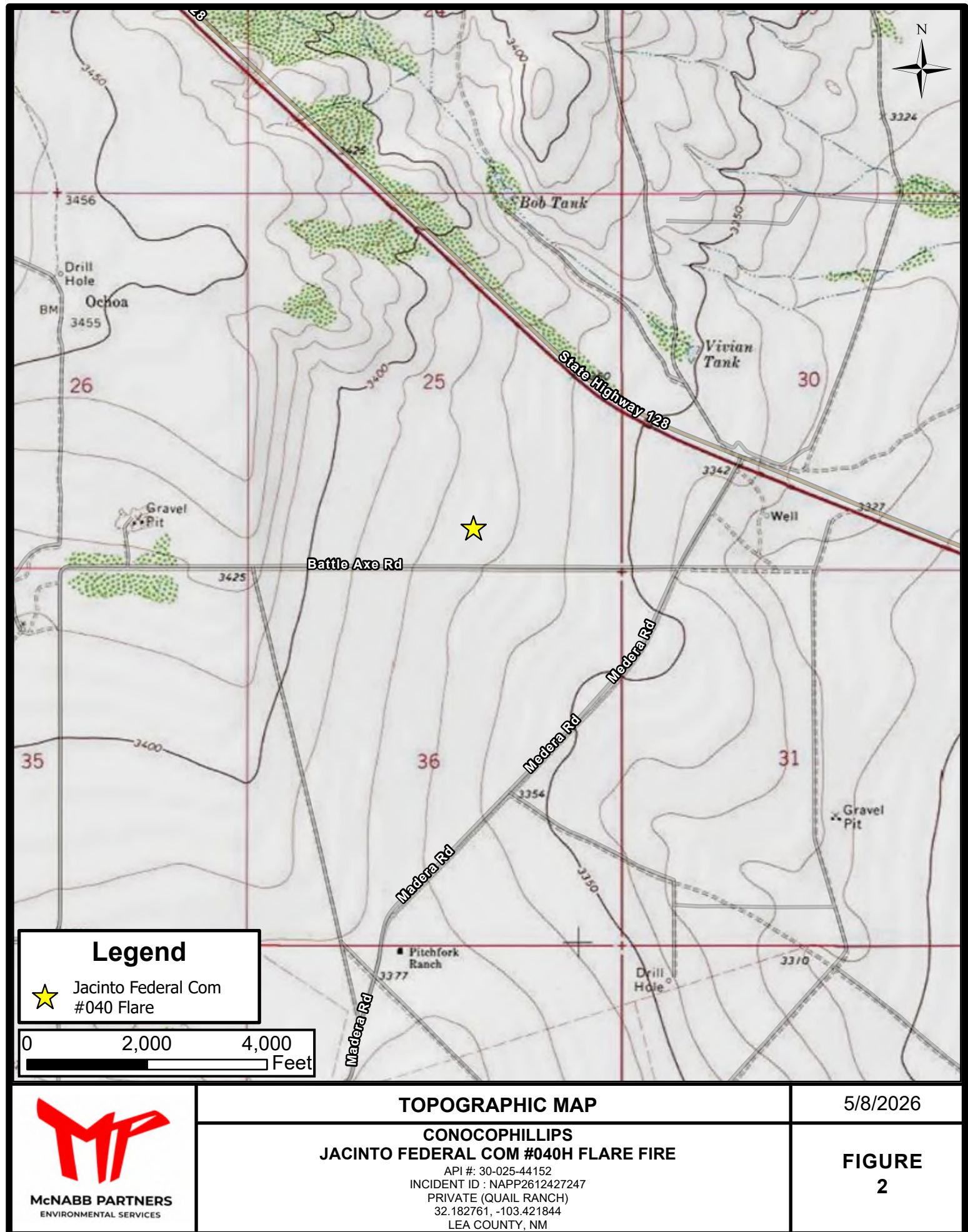
APPENDICES:

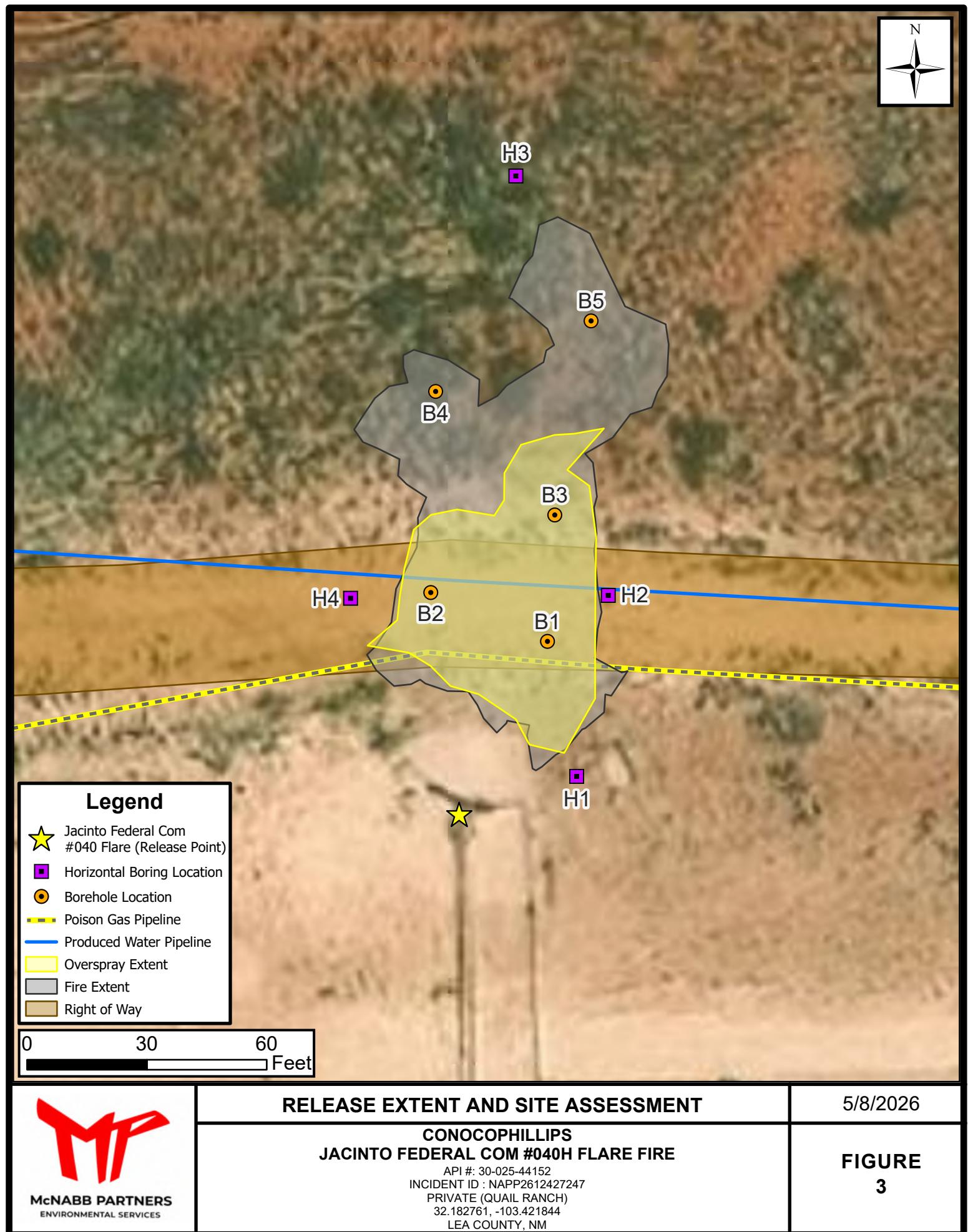
- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Correspondence (OCD, SLO, BLM)
- Appendix D – Laboratory Analytical Data
- Appendix E – Photographic Documentation

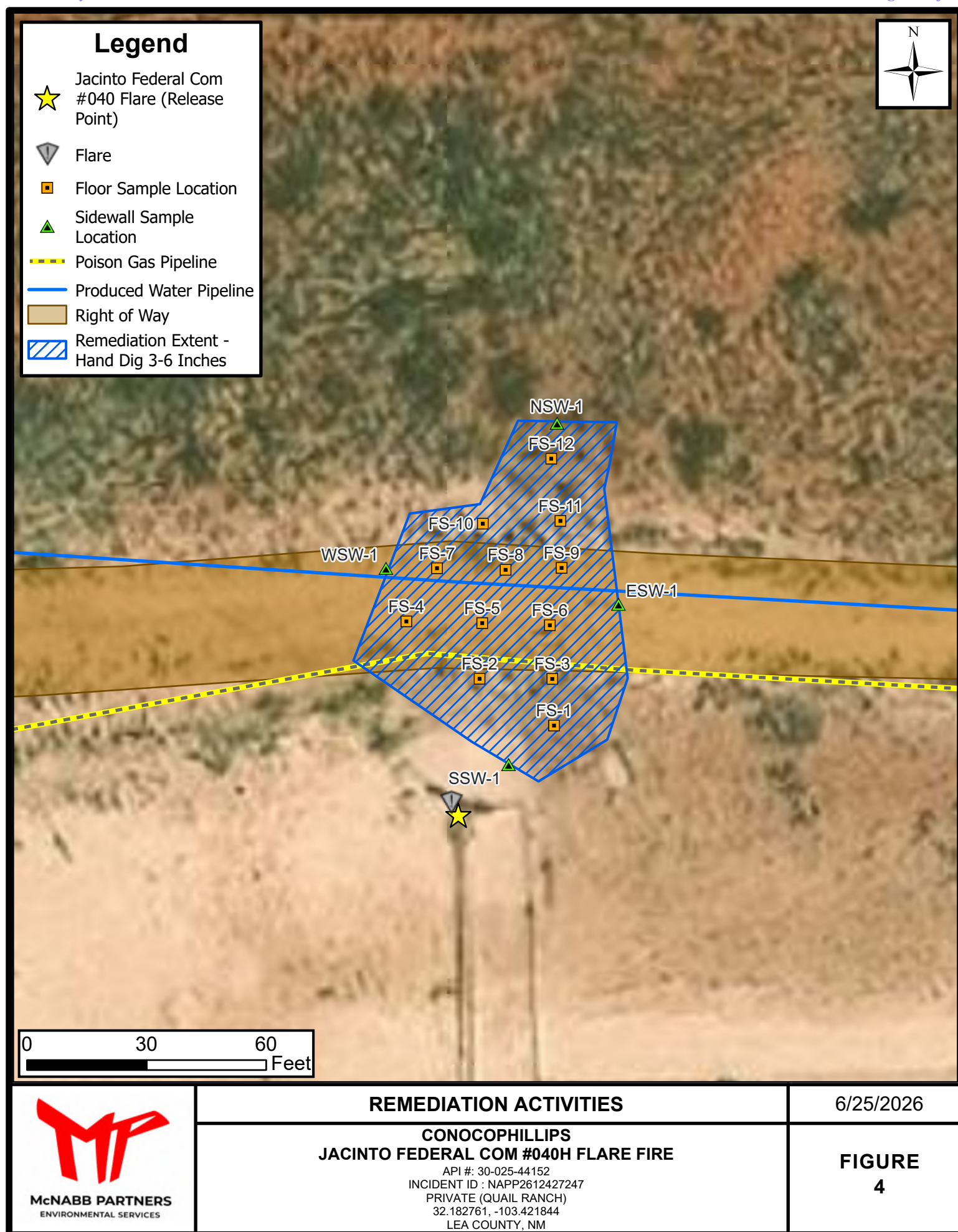
McNABB PARTNERS, LLC
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FIGURES









TABLES

TABLE 1
SUMMARY OF ANALYTICAL DATA
SITE ASSESSMENT
JACINTO FEDERAL COM #040 FLARE FIRE
CONOCOPHILLIPS
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Depth	Chloride	BTEX					TPH				
				Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	ORO	GRO+DRO	Total TPH
		C6 - C10	> C10 - C28						> C28 - C36				
		(Feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Reclamation Closure Criteria for Soils 0-4 ft bgs:			600	10	--	--	--	50	--	--	--	--	100
B1	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
	5/7/2026	1-2	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
B2	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.6	23.3	23.6	46.9
	5/7/2026	1-2	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
B3	5/7/2026	0-1	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
	5/7/2026	1-2	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
B4	5/7/2026	0-1	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
B5	5/7/2026	0-1	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
H1	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
H2	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
H3	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0
H4	5/7/2026	0-1	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	--	<10.0

NOTES:

Bold and italicized values indicate exceedance of proposed action levels and/or Reclamation Requirements.

Shaded rows indicate soil intervals proposed for excavation

ft.: Feet

bgs: Below ground surface

mg/kg: Milligrams per kilogram

TPH: Total Petroleum Hydrocarbons

GRO: Gasoline range organics

DRO: Diesel range organics

1. Method SM4500Cl-B

2. Method 8021B

3. Method 8015M

TABLE 2
SUMMARY OF ANALYTICAL DATA
CONFIRMATION SAMPLING
JACINTO FEDERAL COM #040 FLARE FIRE
CONOCOPHILLIPS
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Depth	Chloride	BTEX					TPH				
				Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	ORO	GRO+DRO	Total TPH
									C6 - C10	> C10 - C28	> C28 - C36		
		(Feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
<i>Reclamation Closure Criteria for Soils 0-4 ft bgs:</i>			600	10	--	--	--	50	--	--	--	--	100
FS-1	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-2	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-3	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-4	6/18/2026	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-6	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-7	6/18/2026	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-8	6/18/2026	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-9	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-10	6/18/2026	Surface	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-11	6/18/2026	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
FS-12	6/18/2026	Surface	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
NSW-1	6/18/2026	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
ESW-1	6/18/2026	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
SSW-1	6/18/2026	-	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0
WSW-1	6/18/2026	-	<16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	-	<10.0

NOTES:

ft.: Feet

bgs: Below ground surface

mg/kg: Milligrams per kilogram

TPH: Total Petroleum Hydrocarbons

GRO: Gasoline range organics

DRO: Diesel range organics

1. Method SM4500CI-B

2. Method 8021B

3. Method 8015M

Bold and italicized values indicate exceedance of proposed action levels and/or Reclamation Requirements.

Shaded rows indicate soil intervals proposed for excavation

APPENDICES

APPENDIX A C-141 FORMS

OCD Permitting



Home / Operator Data / Action Status / Action Search Results / Action Status Item Details

[C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID:	581438	Districts:	Hobbs
Operator:	[229137] COG OPERATING LLC	Counties:	Lea
Description:	COG OPERATING LLC [229137] , Jacinto Fed Com 40 , nAPP2612427247		
Status:	Approved		
Status Date:	05/04/2026		
References (0):			

Forms

Attachments:	Volume Calculation
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Questions

Prerequisites

Incident ID (n#)	nAPP2612427247
Incident Name	NAPP2612427247 JACINTO FED COM 40 @ O-25-24S-34E
Incident Type	Oil Release
Incident Status	Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Jacinto Fed Com 40
Date Release Discovered	05/03/2026
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
---------------	-------------

Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Other Dump Line Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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.

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a “gas only” report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. “Major release” determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

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

OCD Permitting

I hereby agree and sign off to the above statement

Name: Jacob Laird
Title: Environmental Engineer
Email: jacob.laird@conocophillips.com
Date: 05/04/2026

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) Not answered.
What method was used to determine the depth to ground water Not answered.
Did this release impact groundwater or surface water Not answered.

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 Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered.
An occupied permanent residence, school, hospital, institution, or church Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes Not answered.
Any other fresh water well or spring Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field Not answered.
A wetland Not answered.
A subsurface mine Not answered.
An (non-karst) unstable area Not answered.
Categorize the risk of this well / site being in a karst geology Not answered.
A 100-year floodplain Not answered.
Did the release impact areas not on an exploration, development, production, or storage site Not answered.

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 No

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.

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary: nvez (5/4/2026), None

Reasons

No reasons found for this submission.

Go Back

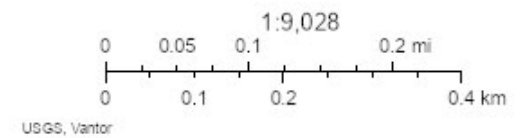
APPENDIX B SITE CHARACTERIZATION

OCD Well Locations



6/26/2026, 10:45:23 AM

-  Override 1
-  USGS Historical GW Wells



New Mexico Oil Conservation Division
NM OCD Oil and Gas Map. <http://nm-emrdd.maps.arcgis.com/apps/webappviewer/index.html?id=4d01712306164de29fd2fb9f8f35ca75>. New Mexico Oil Conservation Division

Monitoring location

24S.35E.30.34233 - USGS-321039103243401

☐ 1 year ☐ 10 years ☒ Period of record

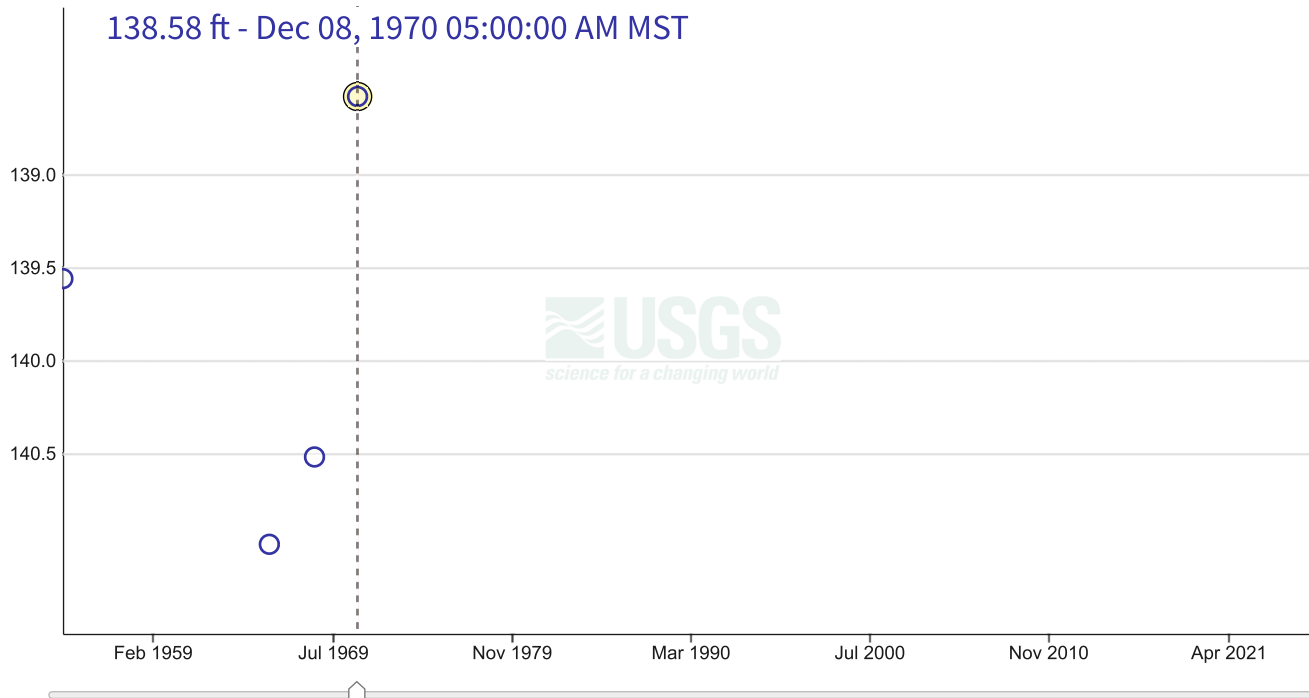
Scale ☐ Linear ☒ Log

Field measurements

24S.35E.30.34233 - USGS-321039103243401

November 27, 1953 - May 7, 2026

Depth to water level, feet below land surface



IMPORTANT Data may be [provisional](#)

[Show legend](#) ▾

[Hide graph details](#) ^

	Value	Status	
☒ Selected field measurement	138.58	Approved Static	Dec 08, 1970 05:00:00 AM MST

[Hide graph details](#) ^

Change
time span

Download
data

View
tabular data

Start typing a time code to filter the Time column:

Depth to water level, feet below land surface -- field measurements

Time ↓	Result	Approval	Qualifiers
1970-12-08T05:00:00.000-07:00	138.58	Approved	Static
1968-06-12T06:00:00.000-06:00	140.52	Approved	Static
1965-11-02T05:00:00.000-07:00	Questions or Comments		
1953-11-27T05:00:00.000-07:00	139.56	Approved	Static

Hide view tabular data ^

Available data

Select data types to graph from categories based on the way the data were collected.

Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1953-11-27 to 1970-12-08

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

Data type		Data date range
Graphed	Depth to water level, feet below land surface	1953-11-27 1970-12-08
Graph it	Groundwater level above NAVD 1988, feet	1953-11-27 1970-12-08
Graph it	Groundwater level above NGVD 1929, feet	1953-11-27 1970-12-08
Hide these data types		

Discrete sample data

0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information

[Hide location details](#)

Metadata Element	Location Metadata	Metadata Code
Agency ⓘ	U.S. Geological Survey	USGS
Location identification number ⓘ	321039103243401	n/a
Location name ⓘ	24S.35E.30.34233	n/a
Site type ⓘ	Well ⓘ	GW
Decimal latitude (WGS84)	32.1776254832217	n/a
Decimal longitude (WGS84)	-103.40991389529	n/a
Latitude-longitude method ⓘ	Interpolated from MAP.	M
Latitude-longitude accuracy ⓘ	Accurate to + or - 10 sec.	T

Metadata Element	Location Metadata	Metadata Code
District ⓘ	New Mexico	35
State ⓘ	New Mexico	35
County ⓘ	Lea County	025
Country	United States of America	n/a
Altitude of gage/land surface	3343 feet	n/a
Method altitude determined	Interpolated from Digital Elevation Model	N
Altitude accuracy	4.3 feet	n/a
Altitude datum ⓘ	North American Vertical Datum of 1988	NAVD88
Subbasin hydrologic unit ⓘ	Landreth-Monument Draws	13070007
Drainage basin ⓘ		n/a
Date of first construction ⓘ		n/a
Drainage area ⓘ		n/a
Contributing drainage area		n/a
Time zone abbreviation	MST	n/a
Site honors Daylight Saving Time ⓘ	Y	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Chinle Formation	231CHNL
Local aquifer type		n/a

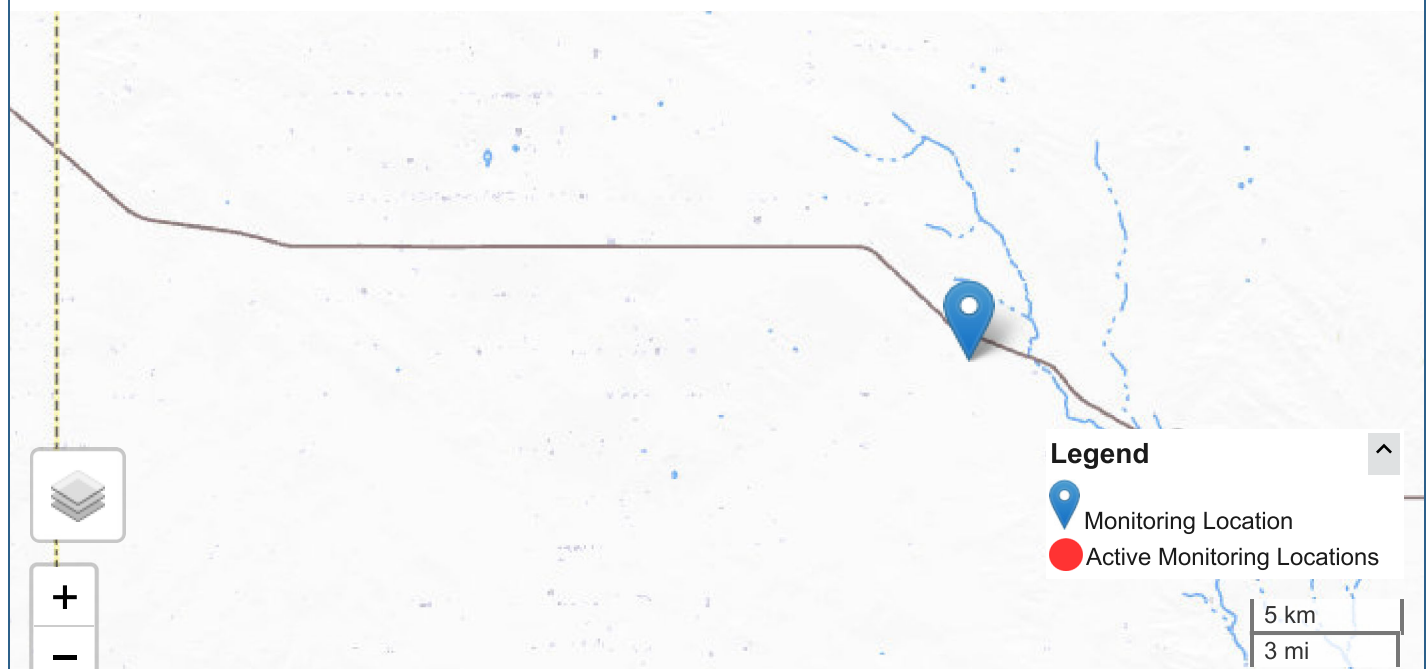
Metadata Element	Location Metadata	Metadata Code
Well depth	176 feet	n/a
Hole depth ⓘ		n/a
Source of depth data		n/a

Monitoring locations with continuous data in last 120 days

No locations found

Zoom out to see link to My Favorites

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National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

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Monitoring location

24S.35E.30.342331 - USGS-321039103243402

☐ 1 year ☐ 10 years ☒ Period of record

Scale

Linear

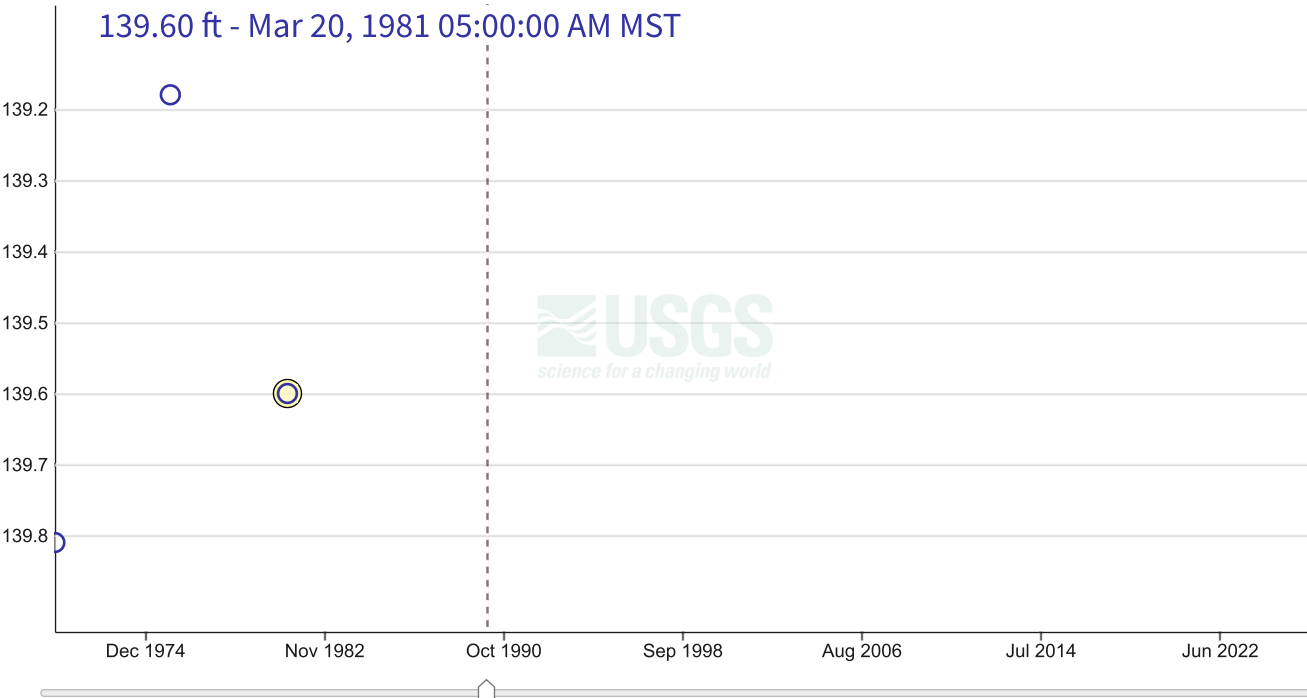
 Log

Field measurements

24S.35E.30.342331 - USGS-321039103243402

December 8, 1970 - May 7, 2026

Depth to water level, feet below land surface



IMPORTANT Data may be [provisional](#)

Show legend ▾

Hide graph details ▲

	Value	Status	
☒ Selected field measurement	139.60	Approved Static	Mar 20, 1981 05:00:00 AM MST

Hide graph details ▲

Change
time span

Download
data

View
tabular data

Start typing a time code to filter the Time column:

Depth to water level, feet below land surface -- field measurements

Time ↓	Result	Approval	Qualifiers
1981-03-20T05:00:00.000-07:00	139.60	Approved	Static
1976-01-15T05:00:00.000-07:00	139.18	Approved	Static
1970-12-08T05:00:00.000-07:00	Questions or Comments		

Hide view tabular data ^

Available data

Select data types to graph from categories based on the way the data were collected.

Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1970-12-08 to 1981-03-20

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location.

[Learn about Field measurements](#)

Data type

Data date range

Graphed	Depth to water level, feet below land surface	1970-12-08 1981-03-20
Graph it	Groundwater level above NAVD 1988, feet	1970-12-08 1981-03-20
Graph it	Groundwater level above NGVD 1929, feet	1970-12-08 1981-03-20
Hide these data types		

Discrete sample data
0 observed properties (data types) available

Statistical tables for select daily data types
0 data types available

Location details and information

[Hide location details](#)

Metadata Element	Location Metadata	Metadata Code
Agency ⓘ	U.S. Geological Survey	USGS
Location identification number ⓘ	321039103243402	n/a
Location name ⓘ	24S.35E.30.342331	n/a
Site type ⓘ	Well ⓘ	GW
Decimal latitude (WGS84)	32.1776254832217	n/a
Decimal longitude (WGS84)	-103.40991389529	n/a
Latitude-longitude method ⓘ	Interpolated from MAP.	M
Latitude-longitude accuracy ⓘ	Accurate to + or - 10 sec.	T
District ⓘ	New Mexico	35

Metadata Element	Location Metadata	Metadata Code
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County ⓘ	Lea County	025
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Method altitude determined	Interpolated from Digital Elevation Model	N
Altitude accuracy	4.3 feet	n/a
Altitude datum ⓘ	North American Vertical Datum of 1988	NAVD88
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Date of first construction ⓘ		n/a
Drainage area ⓘ		n/a
Contributing drainage area		n/a
Time zone abbreviation	MST	n/a
Site honors Daylight Saving Time ⓘ	Y	n/a
National aquifer	Other aquifers	N9999OTHER
Local aquifer	Chinle Formation	231CHNL
Local aquifer type		n/a
Well depth	176 feet	n/a

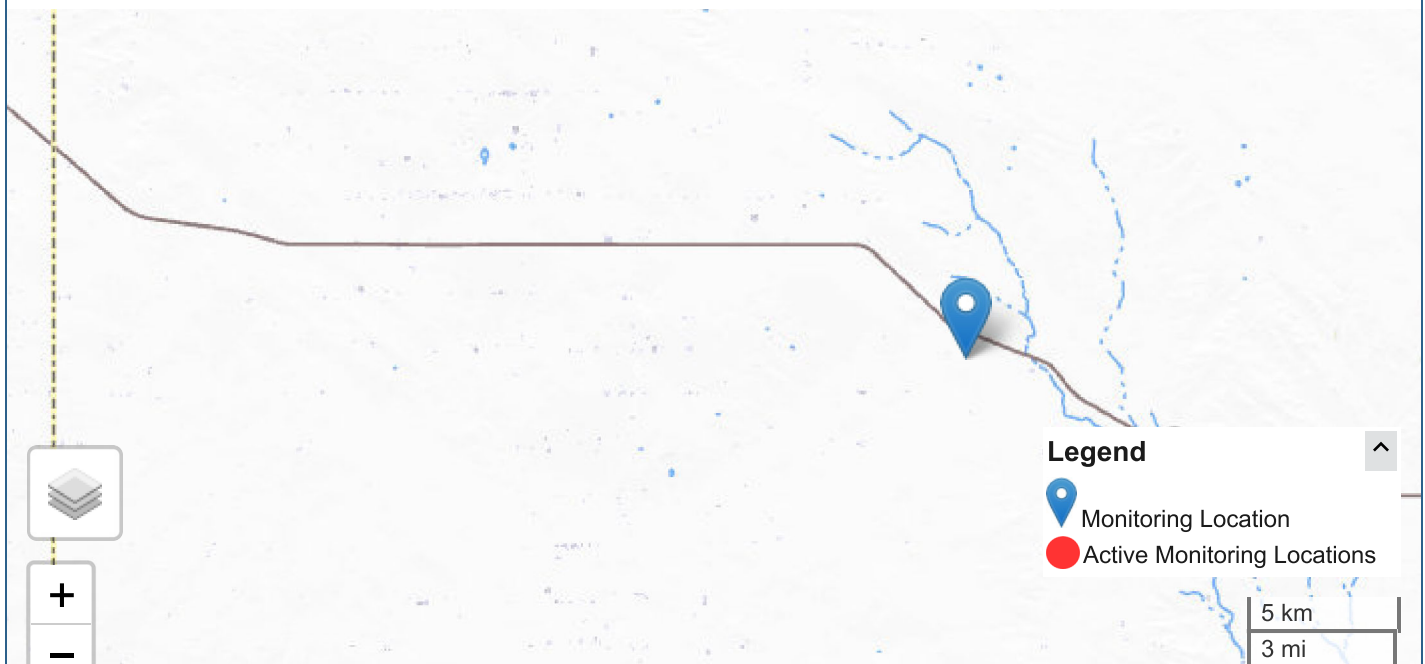
Metadata Element	Location Metadata	Metadata Code
Hole depth ⓘ		n/a
Source of depth data		n/a

Monitoring locations with continuous data in last 120 days

No locations found

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Jacinto Federal Com #040H Flare Fire Karst Map



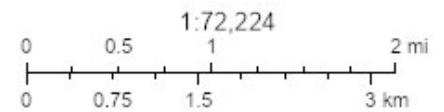
5/7/2026, 7:48:09 AM



Override 1

Karst Occurrence Potential

Low



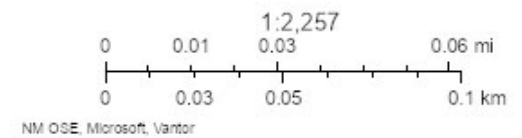
BLM, OCD, New Mexico Tech, Earthstar Geographics

Hydrology



6/26/2026, 10:50:51 AM

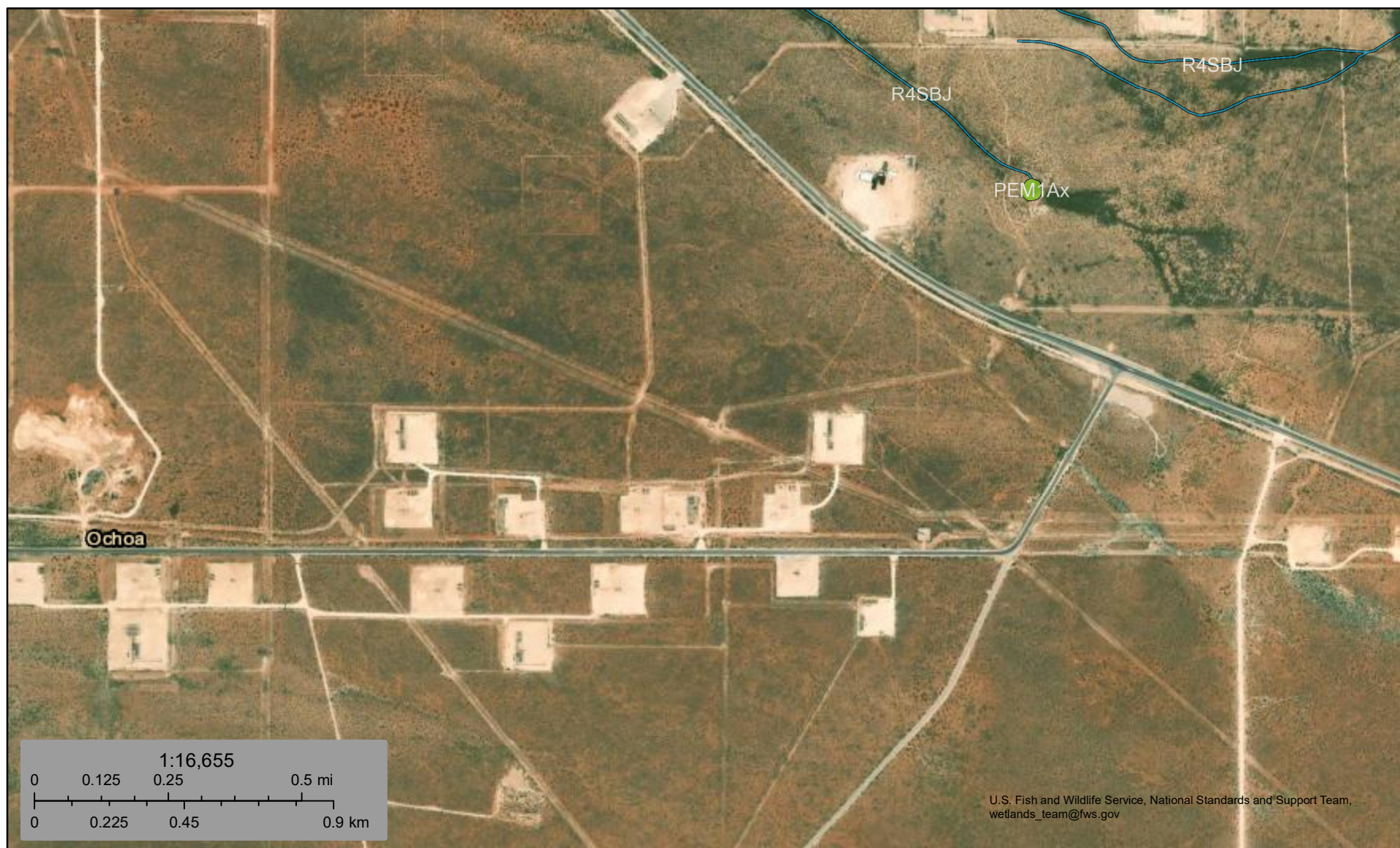
 Override 1



New Mexico Oil Conservation Division
NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d01712306164de29fd2fb9f8f35ca75> New Mexico Oil Conservation Division



Jacinto Federal Com #040H Flare Fire



May 7, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

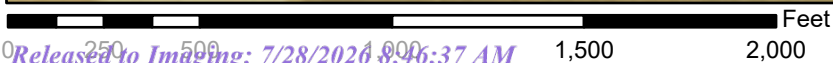
- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°25'37"W 32°11'13"N



1:6,000

103°25'W 32°10'43"N

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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



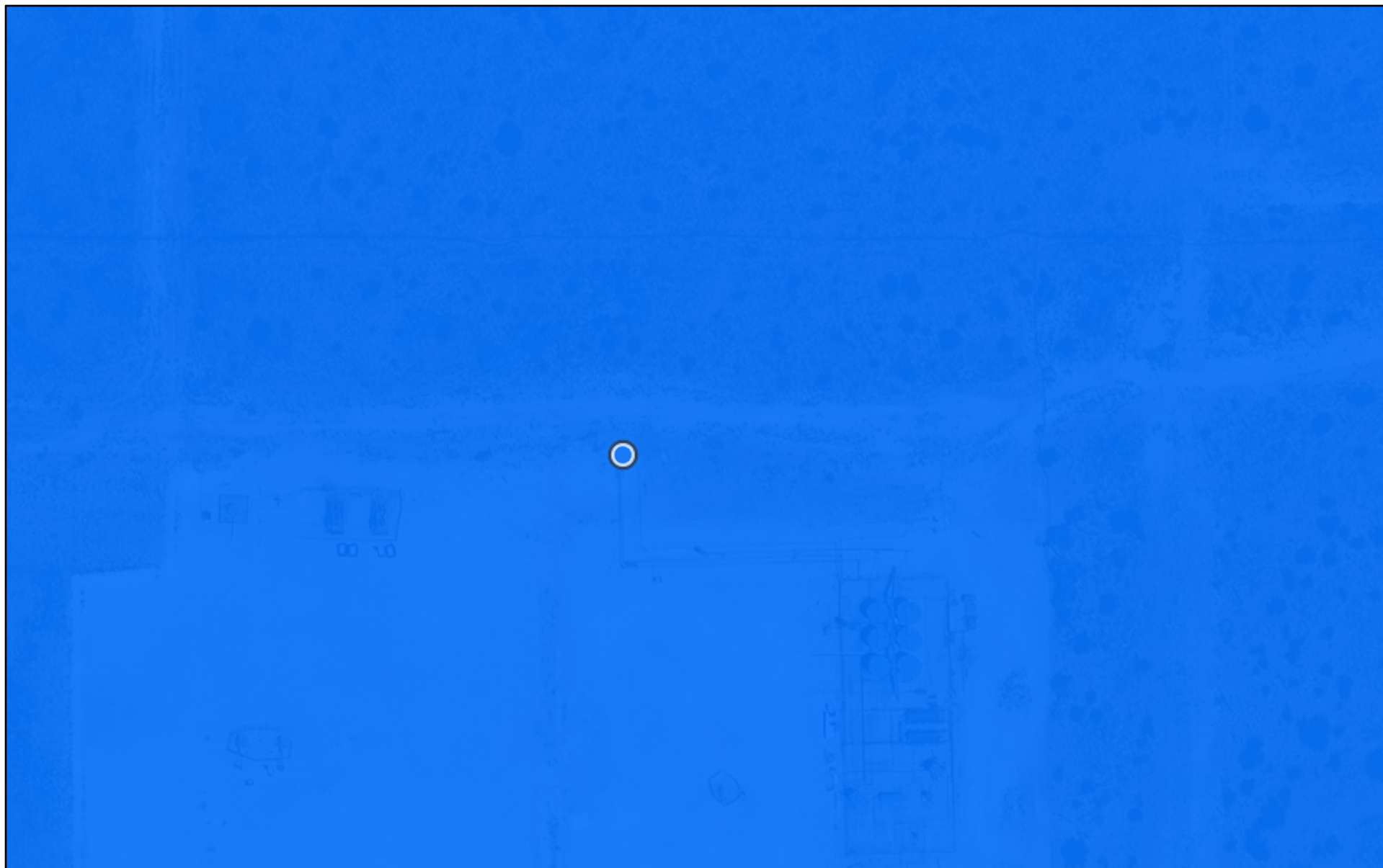
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 **5/7/2026 at 1:02 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.

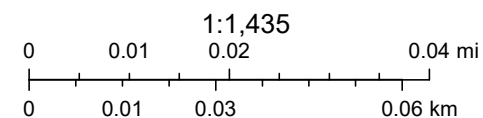
Jacinto Federal Com #040H Flare Fire Crucial Habitat



5/7/2026

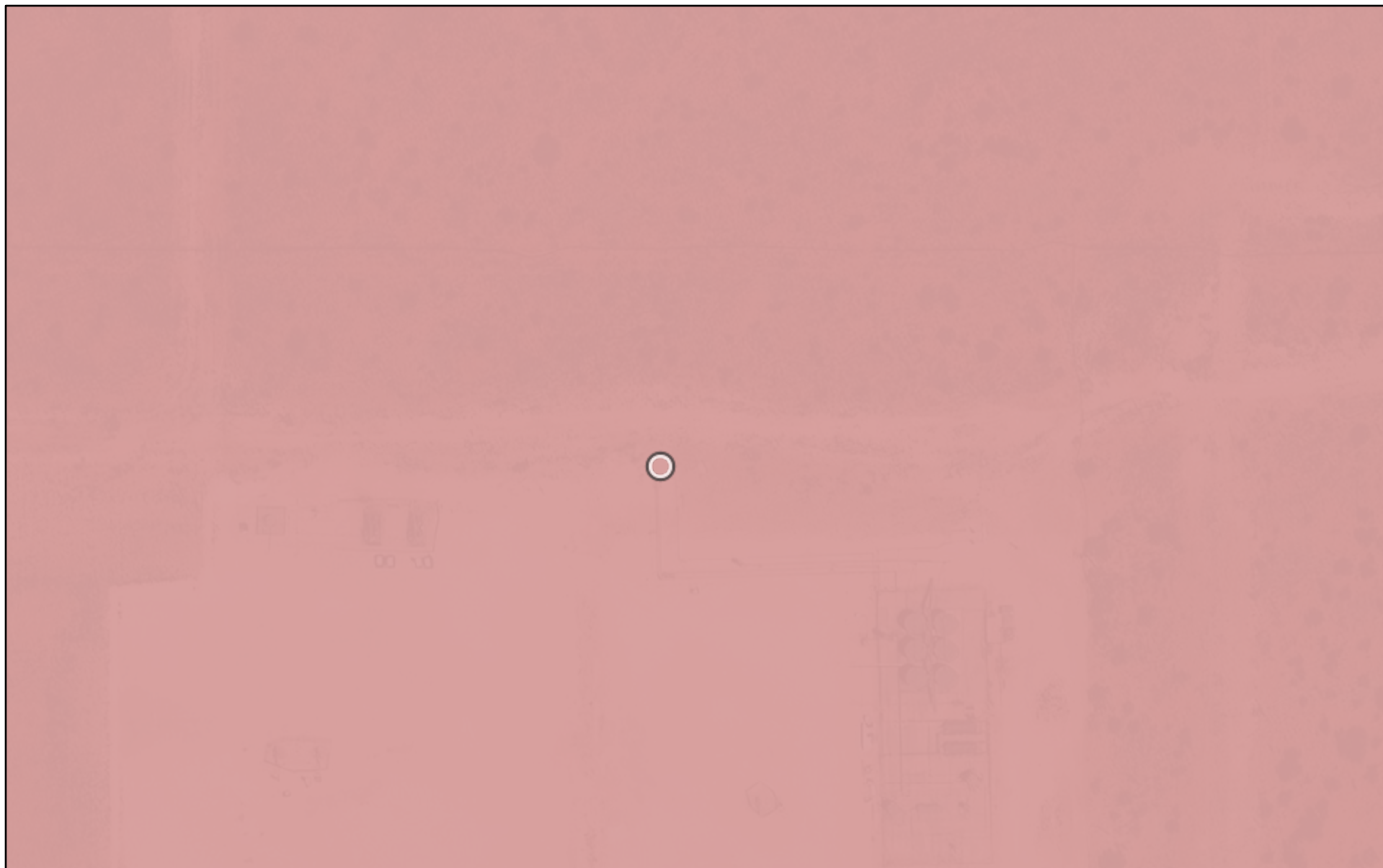
Crucial Habitat (2024)

4



Microsoft, Vantor

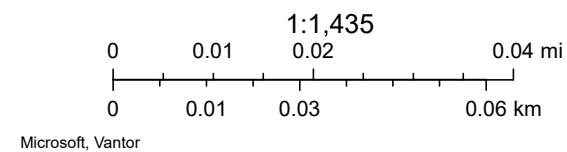
Jacinto Federal Com #040H Flare Fire Species of Concern



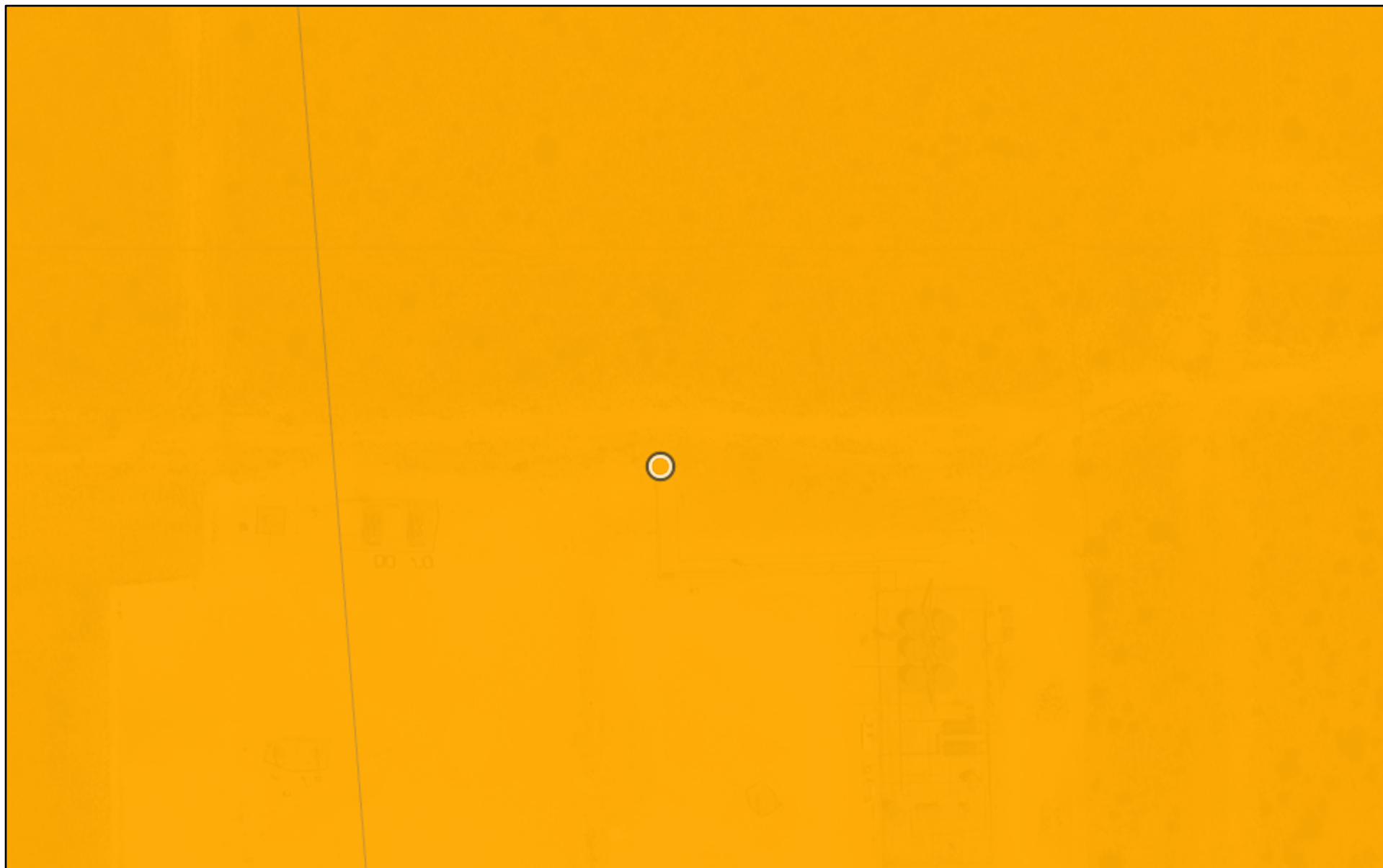
5/7/2026

Species of Concern (2024)

4



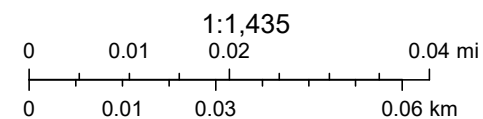
Jacinto Federal Com #040H Flare Fire Terrestrial SERI



5/7/2026

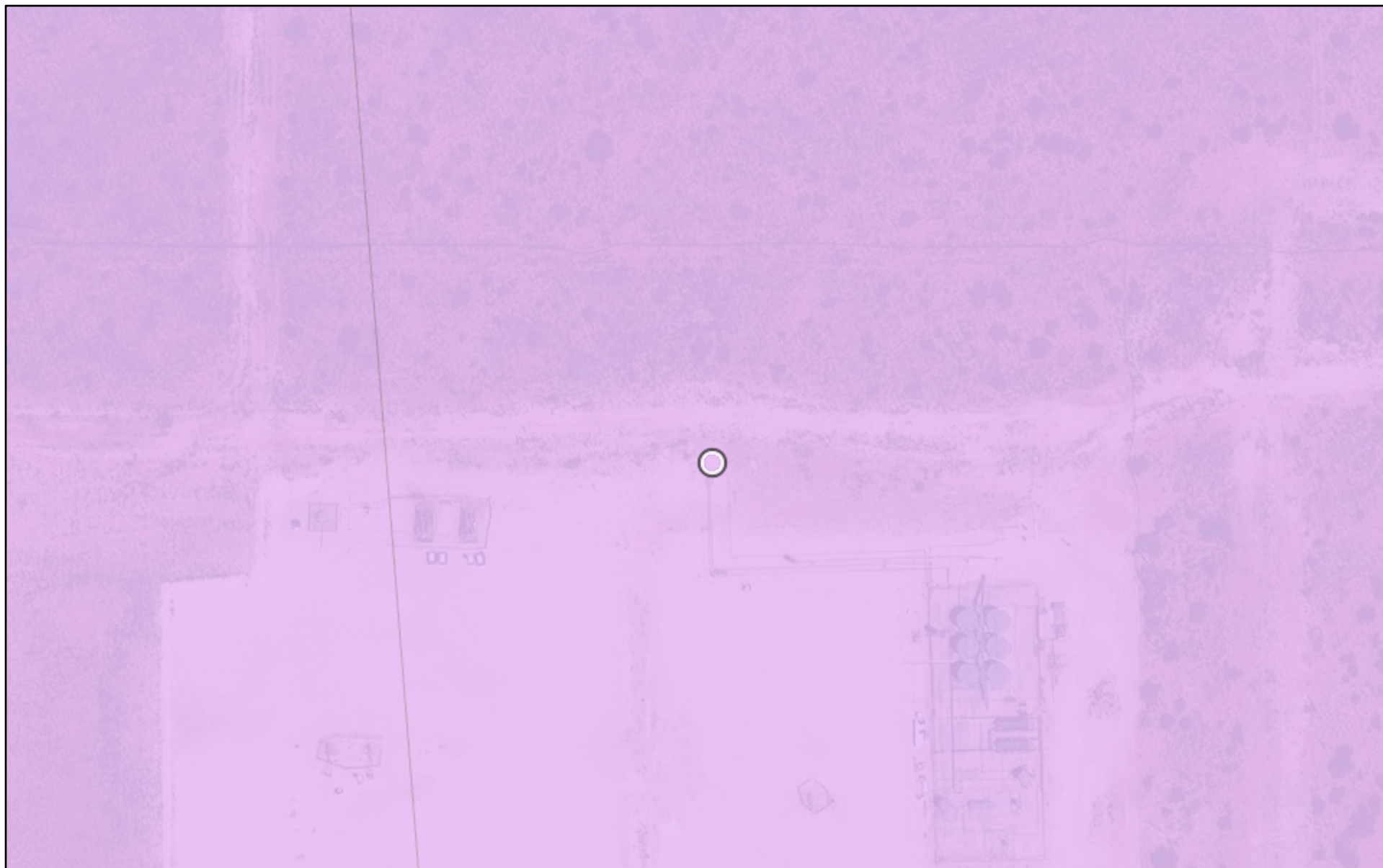
Terrestrial SERI

3



Microsoft, Vantor

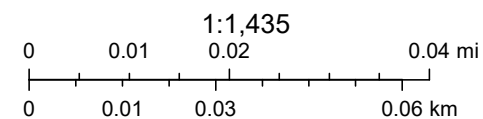
Jacinto Federal Com #040H Flare Fire Aquatic SERI



5/7/2026

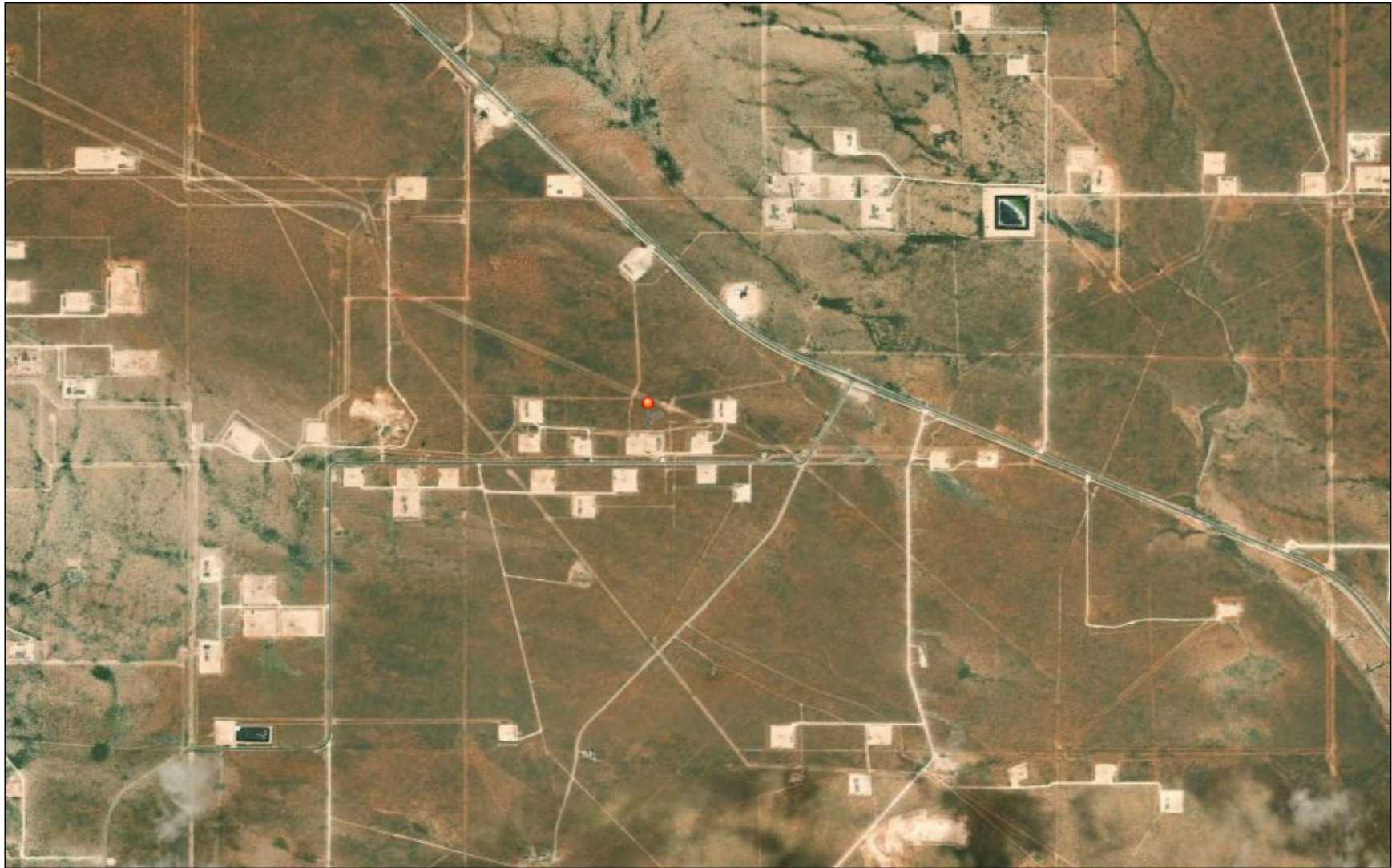
Aquatic SERI

6



Microsoft, Vantor

Induced Seismicity Area



6/26/2026, 10:53:57 AM

 Override 1

1:36,112
0 0.25 0.5 1 mi
0 0.4 0.8 1.6 km

Oil Conservation Division (OCD), Energy, Minerals and Natural Resources
Department (EMNRD), Vantor

New Mexico Oil Conservation Division
NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d01712306164de29fd2fb9f8f35ca75>. New Mexico Oil Conservation Division

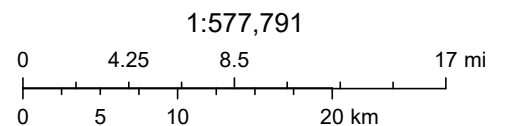
Jacinto Federal Com #040H Flare Fire Registered Mines



5/7/2026, 8:06:37 AM

Registered Mines

- | | | | |
|---|-----------------------|---|-----------------------------|
| × | Aggregate, Stone etc. | × | Aggregate, Stone etc. |
| × | Aggregate, Stone etc. | ◇ | Industrial Minerals (Other) |
| × | Aggregate, Stone etc. | △ | Potash |
| × | Aggregate, Stone etc. | | |



Earthstar Geographics



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Lea County, New Mexico**

**Jacinto Federal Com #040H Flare
Fire**



June 26, 2026

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	0.2	100.0%
Totals for Area of Interest		0.2	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Landscape: Uplands
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 205 days
Farmland classification: Not prime farmland

Map Unit Composition

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

Description of Pyote

Setting

Landscape: Uplands
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 30 inches: fine sand
Bt - 30 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 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

Description of Maljamar**Setting**

Landscape: Uplands
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 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components**Kermit**

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

References

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Custom Soil Resource Report

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APPENDIX C REGULATORY CORRESPONDENCE

From: [Christian Llull](#)
To: [Samantha MacKenzie](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 596190
Date: Wednesday, June 24, 2026 1:13:16 PM

C-141N for Jacinto

Jacob Laird | Environmental Engineer, Delaware Basin New Mexico | **ConocoPhillips**

C: 575-703-5482 | 5280 N. Lovington Hwy, Hobbs, NM 88240

From: OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>
Sent: Tuesday, June 16, 2026 12:34 PM
To: Laird, Jacob <Jacob.Laird@conocophillips.com>
Subject: [EXTERNAL]The Oil Conservation Division (OCD) has accepted the application, Application ID: 596190

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Jacob Laird for COG OPERATING LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2612427247.

The sampling event is expected to take place:

When: 06/18/2026 @ 13:00

Where: O-25-24S-34E 0 FNL 0 FEL (32.182761,-103.421844)

Additional Information: Josh Busby 575-602-8840

Additional Instructions: 32.182761, -103.421844

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

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges**

are not currently accepted on the C-141N application.

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

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

APPENDIX D ANALYTICAL DATA



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

May 13, 2026

SAMANTHA MACKENZIE

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: JACINTO FED COM 040H

Enclosed are the results of analyses for samples received by the laboratory on 05/07/26 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B1 0-1 (H262611-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65	
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74	
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90	
Total BTX	<0.300	0.300	05/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 70.4-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: SA				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2026	ND	448	112	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 64.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B1 1-2 (H262611-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTX	<0.300	0.300	05/09/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.5 % 39.9-141

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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B2 0-1 (H262611-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	23.6	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	23.3	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 69.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.9 % 39.9-141

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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
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 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B2 1-2 (H262611-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.6 % 39.9-141

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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B3 0-1 (H262611-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 65.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.9 % 39.9-141

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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B3 1-2 (H262611-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	207	103	200	0.660	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	226	113	200	0.980	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 65.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.0 % 39.9-141

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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B4 0-1 (H262611-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEx	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 83.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: B5 0-1 (H262611-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 85.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

Company Name: <u>Manly Pabst</u>		P.O. #:	
Project Manager: <u>Sam Melange</u>		Company:	
Address: <u>5014 Cardboard Hwy</u>		Attn:	
City: <u>Hobbs</u>		Address:	
Phone #: <u>575 602 8840</u>		City:	
Project #: <u>2898 nm</u>		State: <u>NM</u> Zip: <u>88240</u>	
Project Name: <u>Jacinto Fed Con 0404</u>		Phone #:	
Project Location: <u>Lee Co nm</u>		Fax #:	
Sampler Name: <u>Jose Bushy</u>		SAMPLING	
FOR LAB USE ONLY		PRESERV	
Lab I.D.	Sample I.D.	DATE	
<u>1202010</u>	<u>0-1</u>	<u>5-7-24/115</u>	
<u>1202010</u>	<u>0-1</u>	<u>1130</u>	
<u>1202010</u>	<u>0-1</u>	<u>1200</u>	
<u>1202010</u>	<u>0-1</u>	<u>1215</u>	
<u>1202010</u>	<u>0-1</u>	<u>1230</u>	
<u>1202010</u>	<u>0-1</u>	<u>1245</u>	
<u>1202010</u>	<u>0-1</u>	<u>1305</u>	
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<u>1202010</u>	<u>0-1</u>	<u>1450</u>	
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<u>1202010</u>	<u>0-1</u>	<u>1515</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3045</u>	
<u>1202010</u>	<u>0-1</u>	<u>3050</u>	
<u>1202010</u>	<u>0-1</u>	<u>3105</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3245</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3305</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3330</u>	
<u>1202010</u>	<u>0-1</u>	<u>3345</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3445</u>	
<u>1202010</u>	<u>0-1</u>	<u>3450</u>	
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<u>1202010</u>	<u>0-1</u>	<u>3530</u>	
<u>1202010</u>	<u>0-1</u>	<u>3545</u>	
<u>1202010</u>	<u>0-1</u>	<u>3550</u>	
<u>1202010</u>	<u>0-1</u>	<u>3605</u>	
<u>1202010</u>	<u>0-1</u>	<u>3615</u>	
<u>1202010</u>	<u>0-1</u>	<u>3630</u>	
<u>1202010</u>	<u>0-1</u>	<u>3645</u>	
<u>1202010</u>	<u>0-1</u>	<u>3650</u>	
<u>1202010</u>	<u>0-1</u>	<u>3705</u>	
<u>1202010</u>	<u>0-1</u>	<u>3715</u>	
<u>1202010</u>	<u>0-1</u>	<u>3730</u>	
<u>1202010</u>	<u>0-1</u>	<u>3745</u>	
<u>1202010</u>	<u>0-1</u>	<u>3750</u>	
<u>1202010</u>	<u>0-1</u>	<u>3805</u>	
<u>1202010</u>	<u>0-1</u>	<u>3815</u>	
<u>1202010</u>	<u>0-1</u>	<u>3830</u>	
<u>1202010</u>	<u>0-1</u>	<u>3845</u>	
<u>1202010</u>	<u>0-1</u>	<u>3850</u>	
<u>1202010</u>	<u>0-1</u>	<u>3905</u>	
<u>1202010</u>	<u>0-1</u>	<u>3915</u>	
<u>1202010</u>	<u>0-1</u>	<u>3930</u>	
<u>1202010</u>	<u>0-1</u>	<u>3945</u>	
<u>1202010</u>	<u>0-1</u>	<u>3950</u>	
<u>1202010</u>	<u>0-1</u>	<u>4005</u>	
<u>1202010</u>	<u>0-1</u>	<u>4015</u>	
<u>1202010</u>	<u>0-1</u>	<u>4030</u>	
<u>1202010</u>	<u>0-1</u>	<u>4045</u>	
<u>1202010</u>	<u>0-1</u>	<u>4050</u>	
<u>1202010</u>	<u>0-1</u>	<u>4105</u>	
<u>1202010</u>	<u>0-1</u>	<u>4115</u>	
<u>1202010</u>	<u>0-1</u>	<u>4130</u>	
<u>1202010</u>	<u>0-1</u>	<u>4145</u>	
<u>1202010</u>	<u>0-1</u>	<u>4150</u>	
<u>1202010</u>	<u>0-1</u>	<u>4205</u>	
<u>1202010</u>	<u>0-1</u>	<u>4215</u>	
<u>1202010</u>	<u>0-1</u>	<u>4230</u>	
<u>1202010</u>	<u>0-1</u>	<u>4245</u>	
<u>1202010</u>	<u>0-1</u>	<u>4250</u>	
<u>1202010</u>	<u>0-1</u>	<u>4305</u>	
<u>1202010</u>	<u>0-1</u>	<u>4315</u>	
<u>1202010</u>	<u>0-1</u>	<u>4330</u>	
<u>1202010</u>	<u>0-1</u>	<u>4345</u>	
<u>1202010</u>	<u>0-1</u>	<u>4350</u>	
<u>1202010</u>	<u>0-1</u>	<u>4405</u>	
<u>1202010</u>	<u>0-1</u>	<u>4415</u>	
<u>1202010</u>	<u>0-1</u>	<u>4430</u>	
<u>1202010</u>	<u>0-1</u>	<u>4445</u>	
<u>1202010</u>	<u>0-1</u>	<u>4450</u>	
<u>1202010</u>	<u>0-1</u>	<u>4505</u>	
<u>1202010</u>	<u>0-1</u>	<u>4515</u>	
<u>1202010</u>	<u>0-1</u>	<u>4530</u>	
<u>1202010</u>	<u>0-1</u>	<u>4545</u>	
<u>1202010</u>	<u>0-1</u>	<u>4550</u>	
<u>1202010</u>	<u>0-1</u>	<u>4605</u>	
<u>1202010</u>	<u>0-1</u>	<u>4615</u>	
<u>1202010</u>	<u>0-1</u>	<u>4630</u>	
<u>1202010</u>	<u>0-1</u>	<u>4645</u>	
<u>1202010</u>	<u>0-1</u>	<u>4650</u>	
<u>1202010</u>	<u>0-1</u>	<u>4705</u>	
<u>1202010</u>	<u>0-1</u>	<u>4715</u>	
<u>1202010</u>	<u>0-1</u>	<u>4730</u>	
<u>1202010</u>	<u>0-1</u>	<u>4745</u>	
<u>1202010</u>	<u>0-1</u>	<u>4750</u>	
<u>1202010</u>	<u>0-1</u>	<u>4805</u>	
<u>1202010</u>	<u>0-1</u>	<u>4815</u>	
<u>1202010</u>	<u>0-1</u>	<u>4830</u>	
<u>1202010</u>	<u>0-1</u>	<u>4845</u>	
<u>1202010</u>	<u>0-1</u>	<u>4850</u>	
<u>1202010</u>	<u>0-1</u>	<u>4905</u>	
<u>1202010</u>	<u>0-1</u>	<u>4915</u>	
<u>1202010</u>	<u>0-1</u>	<u>4930</u>	
<u>1202010</u>	<u>0-1</u>	<u>4945</u>	
<u>1202010</u>	<u>0-1</u>	<u>4950</u>	
<u>1202010</u>	<u>0-1</u>	<u>5005</u>	
<u>1202010</u>	<u>0-1</u>	<u>5015</u>	
<u>1202010</u>	<u>0-1</u>	<u>5030</u>	
<u>1202010</u>	<u>0-1</u>	<u>5045</u>	
<u>1202010</u>	<u>0-1</u>	<u>5050</u>	
<u>1202010</u>	<u>0-1</u>	<u>5105</u>	
<u>1202010</u>	<u>0-1</u>	<u>5115</u>	
<u>1202010</u>	<u>0-1</u>	<u>5130</u>	
<u>1202010</u>	<u>0-1</u>	<u>5145</u>	
<u>1202010</u>	<u>0-1</u>	<u>5150</u>	
<u>1202010</u>	<u>0-1</u>	<u>5205</u>	
<u>1202010</u>	<u>0-1</u>	<u>5215</u>	
<u>1202010</u>	<u>0-1</u>	<u>5230</u>	
<u>1202010</u>	<u>0-1</u>	<u>5245</u>	
<u>1202010</u>	<u>0-1</u>	<u>5250</u>	
<u>1202010</u>	<u>0-1</u>	<u>5305</u>	
<u>1202010</u>	<u>0-1</u>	<u>5315</u>	
<u>1202010</u>	<u>0-1</u>	<u>5330</u>	
<u>1202010</u>	<u>0-1</u>	<u>5345</u>	
<u>1202010</u>	<u>0-1</u>	<u>5350</u>	
<u>1202010</u>	<u>0-1</u>	<u>5405</u>	
<u>1202010</u>	<u>0-1</u>	<u>5415</u>	
<u>1202010</u>	<u>0-1</u>	<u>5430</u>	
<u>1202010</u>	<u>0-1</u>	<u>5445</u>	
<u>1202010</u>	<u>0-1</u>	<u>5450</u>	
<u>1202010</u>	<u>0-1</u>	<u>5505</u>	
<u>1202010</u>	<u>0-1</u>	<u>5515</u>	
<u>1202010</u>	<u>0-1</u>	<u>5530</u>	
<u>1202010</u>	<u>0-1</u>	<u>5545</u>	
<u>1202010</u>	<u>0-1</u>	<u>5550</u>	
<u>1202010</u>	<u>0-1</u>	<u>5605</u>	
<u>1202010</u>	<u>0-1</u>	<u>5615</u>	
<u>1202010</u>	<u>0-1</u>	<u>5630</u>	
<u>1202010</u>	<u>0-1</u>	<u>5645</u>	
<u>1202010</u>	<u>0-1</u>	<u>5650</u>	
<u>1202010</u>	<u>0-1</u>	<u>5705</u>	
<u>1202010</u>	<u>0-1</u>	<u>5715</u>	
<u>1202010</u>	<u>0-1</u>	<u>5730</u>	
<u>1202010</u>	<u>0-1</u>	<u>5745</u>	
<u>1202010</u>	<u>0-1</u>	<u>5750</u>	
<u>1202010</u>	<u>0-1</u>	<u>5805</u>	
<u>1202010</u>	<u>0-1</u>	<u>5815</u>	
<u>1202010</u>	<u>0-1</u>	<u>5830</u>	
<u>1202010</u>	<u>0-1</u>	<u>5845</u>	
<u>1202010</u>	<u>0-1</u>	<u>5850</u>	
<u>1202010</u>	<u>0-1</u>	<u>5905</u>	
<u>1202010</u>	<u>0-1</u>	<u>5915</u>	
<u>1202010</u>	<u>0-1</u>	<u>5930</u>	
<u>1202010</u>	<u>0-1</u>	<u>5945</u>	
<u>1202010</u>	<u>0-1</u>	<u>5950</u>	



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

May 13, 2026

SAMANTHA MACKENZIE

MC NABB SERVICES

P. O. BOX 5753

HOBBS, NM 88240

RE: JACINTO FED COM 040H

Enclosed are the results of analyses for samples received by the laboratory on 05/07/26 16:01.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: H 1 0-1' (H262612-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65	
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74	
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49	
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90	
Total BTX	<0.300	0.300	05/09/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 86.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received: 05/07/2026
 Reported: 05/13/2026
 Project Name: JACINTO FED COM 040H
 Project Number: 2829 NM
 Project Location: LEA CO, NM

Sampling Date: 05/07/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H 2 0-1' (H262612-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: H 3 0-1' (H262612-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 87.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 SAMANTHA MACKENZIE
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	05/07/2026	Sampling Date:	05/07/2026
Reported:	05/13/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: H 4 0-1' (H262612-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2026	ND	2.20	110	2.00	1.65		
Toluene*	<0.050	0.050	05/09/2026	ND	2.02	101	2.00	2.74		
Ethylbenzene*	<0.050	0.050	05/09/2026	ND	2.03	102	2.00	4.49		
Total Xylenes*	<0.150	0.150	05/09/2026	ND	6.10	102	6.00	4.90		
Total BTEX	<0.300	0.300	05/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/08/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2026	ND	193	96.5	200	2.33	
DRO >C10-C28*	<10.0	10.0	05/08/2026	ND	199	99.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	05/08/2026	ND					

Surrogate: 1-Chlorooctane 89.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.1 % 39.9-141

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

Company Name: MCM Partners Project Manager: Sam Pheasant Address: 5014 Carlsbad Blvd City: Hobbs State: NM Zip: 88240 Phone #: 575 602 8840 Fax #: Project #: 2898 NM Project Owner: Project Name: Santa Fe Con 0404 Project Location: Lea Co NM Sampler Name: Sam Pheasant				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY				BILL TO	
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
Date: 5-7-26 Time: 9:30 Corrected Temp. °C: 8.4 Sample Condition: Cool Intact ☒ Yes ☐ No		DATE TIME		ANALYSIS REQUEST	
Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #140 Correction Factor +0.1°C		Chloride BTEX TPH		ANALYSIS REQUEST	



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

June 24, 2026

CHRISTIAN LLULL
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: JACINTO FED COM 040H

Enclosed are the results of analyses for samples received by the laboratory on 06/18/26 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 1 (H263507-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266	
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582	
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441	
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70	
Total BTX	<0.300	0.300	06/20/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 61.5-142

Chloride, SM4500Cl-B			mg/kg		Analyzed By: ED				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: JF				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 89.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 84.5 % 37.2-119

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 2 (H263507-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEx	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 83.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.5 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 3 (H263507-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 86.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 78.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 4 (H263507-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEx	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 85.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.9 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 5 (H263507-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 78.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 69.8 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 6 (H263507-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 88.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 82.7 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 7 (H263507-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 85.0 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.0 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 8 (H263507-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 84.4 % 47.1-117

Surrogate: 1-Chlorooctadecane 77.4 % 37.2-119

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 9 (H263507-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 89.3 % 47.1-117

Surrogate: 1-Chlorooctadecane 81.7 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 10 (H263507-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 89.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 81.7 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 11 (H263507-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 82.2 % 47.1-117

Surrogate: 1-Chlorooctadecane 74.4 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: FS - 12 (H263507-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 61.5-142

Chloride, SM4500CI-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 88.1 % 47.1-117

Surrogate: 1-Chlorooctadecane 82.1 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: NSW - 1 (H263507-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2026	ND	2.08	104	2.00	0.266		
Toluene*	<0.050	0.050	06/20/2026	ND	2.03	102	2.00	0.582		
Ethylbenzene*	<0.050	0.050	06/20/2026	ND	2.05	103	2.00	0.441		
Total Xylenes*	<0.150	0.150	06/20/2026	ND	6.17	103	6.00	1.70		
Total BTEX	<0.300	0.300	06/20/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 84.7 % 47.1-117

Surrogate: 1-Chlorooctadecane 79.0 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: ESW - 1 (H263507-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2026	ND	2.14	107	2.00	0.931		
Toluene*	<0.050	0.050	06/19/2026	ND	2.01	101	2.00	2.24		
Ethylbenzene*	<0.050	0.050	06/19/2026	ND	1.92	95.9	2.00	0.0276		
Total Xylenes*	<0.150	0.150	06/19/2026	ND	5.89	98.2	6.00	0.200		
Total BTEX	<0.300	0.300	06/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 88.8 % 47.1-117

Surrogate: 1-Chlorooctadecane 81.7 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: SSW - 1 (H263507-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2026	ND	2.14	107	2.00	0.931		
Toluene*	<0.050	0.050	06/19/2026	ND	2.01	101	2.00	2.24		
Ethylbenzene*	<0.050	0.050	06/19/2026	ND	1.92	95.9	2.00	0.0276		
Total Xylenes*	<0.150	0.150	06/19/2026	ND	5.89	98.2	6.00	0.200		
Total BTEX	<0.300	0.300	06/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: ED						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/19/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 87.9 % 47.1-117

Surrogate: 1-Chlorooctadecane 83.3 % 37.2-119

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Analytical Results For:

MC NABB SERVICES
 CHRISTIAN LLULL
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

Received:	06/18/2026	Sampling Date:	06/18/2026
Reported:	06/24/2026	Sampling Type:	Soil
Project Name:	JACINTO FED COM 040H	Sampling Condition:	Cool & Intact
Project Number:	2829 NM	Sample Received By:	Alyssa Parras
Project Location:	LEA CO, NM		

Sample ID: WSW - 1 (H263507-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/19/2026	ND	2.14	107	2.00	0.931		
Toluene*	<0.050	0.050	06/19/2026	ND	2.01	101	2.00	2.24		
Ethylbenzene*	<0.050	0.050	06/19/2026	ND	1.92	95.9	2.00	0.0276		
Total Xylenes*	<0.150	0.150	06/19/2026	ND	5.89	98.2	6.00	0.200		
Total BTEX	<0.300	0.300	06/19/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 61.5-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/19/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2026	ND	179	89.4	200	5.06	
DRO >C10-C28*	<10.0	10.0	06/19/2026	ND	184	91.9	200	4.78	
EXT DRO >C28-C36	<10.0	10.0	06/19/2026	ND					

Surrogate: 1-Chlorooctane 80.6 % 47.1-117

Surrogate: 1-Chlorooctadecane 73.1 % 37.2-119

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 2 of 2

Company Name: <u>Metall Postfach</u>		P.O. #:		ANALYSIS REQUEST	
Project Manager: <u>Christina Hall</u>		Company:			
Address: <u>5014 Nealshad Hwy</u>		Attn:			
City: <u>Hobbs</u>		Address:			
Phone #: <u>575 602 8840</u>		City:			
Fax #: <u>575 602 8840</u>		State:			
Project #: <u>See info feed Com 404</u>		Zip:			
Project Location: <u>See info feed Com 404</u>		Phone #:			
Sample Name: <u>JBuby</u>		Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	Bdry	TptH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
4403507	45-1	C	1							205	X	X	X	
	45-2		1							210	X	X	X	
	45-3		1							215	X	X	X	
	45-4		1							220	X	X	X	
	45-5		1							225	X	X	X	
	45-6		1							230	X	X	X	
	45-7		1							235	X	X	X	
	45-8		1							240	X	X	X	
	45-9		1							245	X	X	X	
	45-10		1							250	X	X	X	

Reinquinished By: <u>AP</u>		Date: <u>6-8-05</u>	Received By: <u>AP</u>	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquished By: <u>AP</u>		Date: <u>6-8-05</u>	Received By: <u>AP</u>	All Results are emailed. Please provide Email address: <u>Christina.Cinco@postfach.com</u>	
Delivered By: (Circle One)		Observed Temp. °C: <u>5.0</u>	Sample Condition	CHECKED BY: (Initials) <u>AP</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: <u>5.1</u>	☒ Cool ☐ Intact ☐ Yes ☐ No	Turnaround Time: <u>Standard</u> Thermometer ID #140 Correction Factor +0.1°C	
			☒ Bacteria (only) ☐ Cool ☐ Intact ☐ Yes ☐ No	Sample Condition Observed Temp. °C Corrected Temp. °C	

FORM-006 R 3.7 01/06/26

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 1

[illegible]

FORM-006 R 3.7 01/06/26

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APPENDIX E PHOTOGRAPHIC DOCUMENTATION



Photo 1: View of the well site signage.



Photo 2: View of the release footprint and fire area.

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Hobbs • Carlsbad • Midland
575.397.0050
www.mcnabbpartnersllc.com



ConocoPhillips
Jacinto Federal Com #040H Flare Release/Fire
API: 30-025-44152



Photo 3: View of the release footprint and fire area.



Photo 4: View of the release footprint and fire area, with flare shown.



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API: 30-025-44152



Photo 5: View of the delineation sampling activities and surface conditions.



Photo 6: View of the delineation sampling activities and surface conditions.



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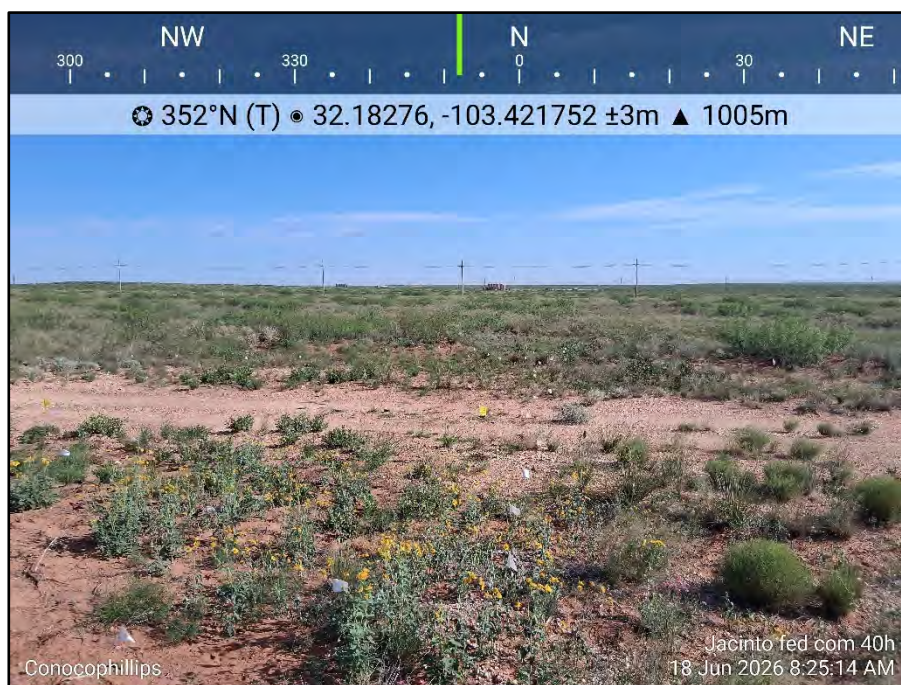


Photo 7: View of the area proposed for scrape. Vegetation present.



Photo 8: View of the area proposed for scrape. Vegetation present.



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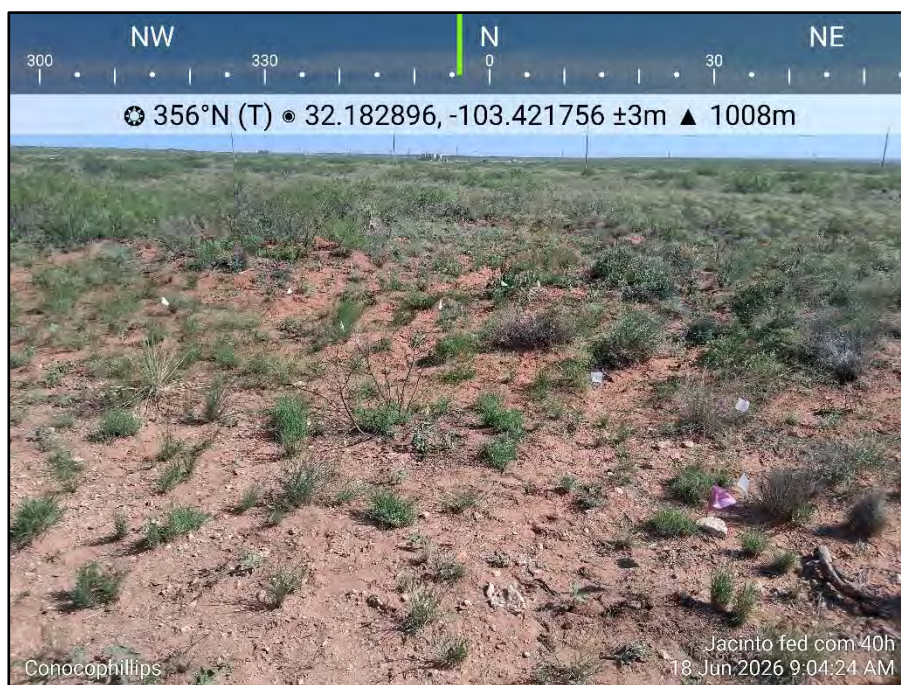


Photo 9: View of the area proposed for scrape. Vegetation present.



Photo 10: View of the area proposed for rake and shovel. Vegetation present.



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API: 30-025-44152



Photo 11: View of rake and shovel work in progress. Backhoe bucket used for soil transport.



Photo 12: View of rake and shovel work in progress. Backhoe bucket used for soil transport.



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Jacinto Federal Com #040H Flare Release/Fire
API: 30-025-44152

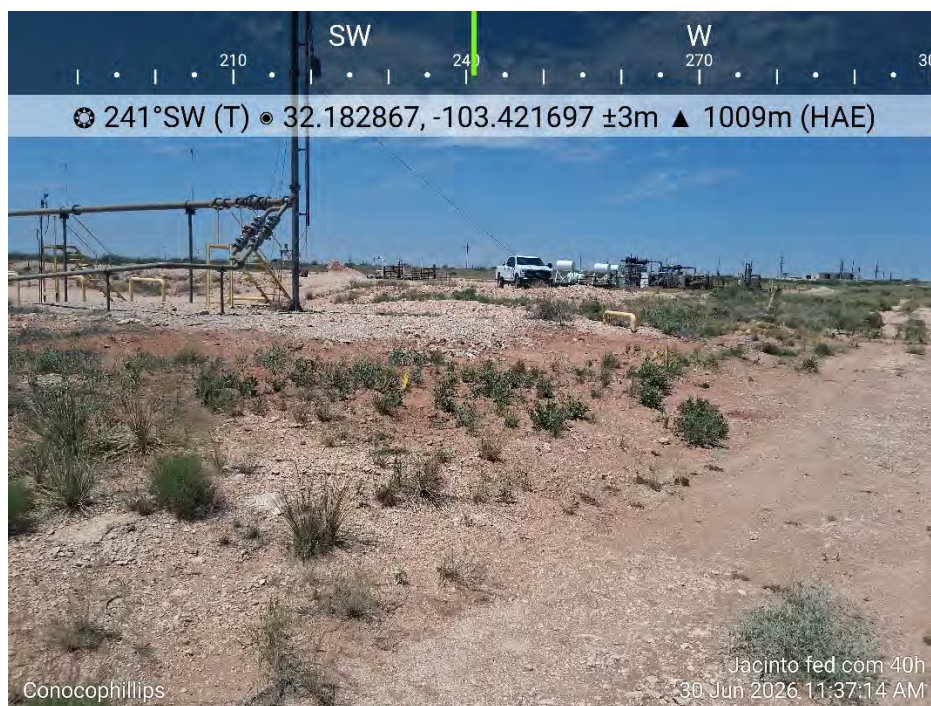


Photo 13: View of the area post-hand rake. Vegetation present.

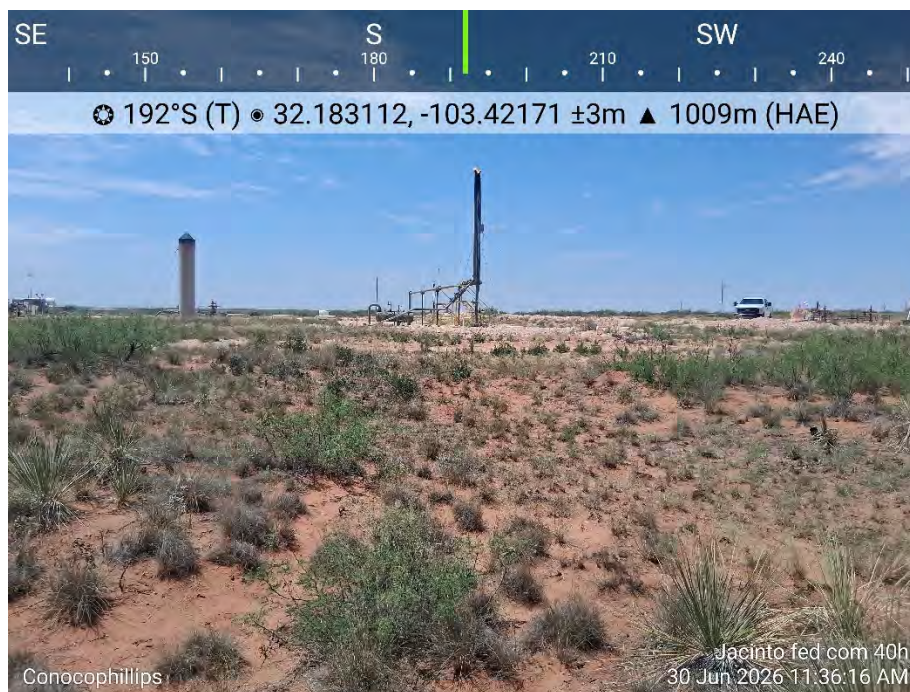


Photo 14: View of the area post-hand rake. Vegetation present.



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Photo 15: View of the area post-hand rake. Vegetation present.

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

QUESTIONS

Action 602037

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2612427247
Incident Name	NAPP2612427247 JACINTO FED COM 40 @ O-25-24S-34E
Incident Type	Oil Release
Incident Status	Re-vegetation Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Jacinto Fed Com 40
Date Release Discovered	05/03/2026
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Other Dump Line Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 07/06/2026
--	---

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QUESTIONS, Page 3

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number: 602037
Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)	

QUESTIONS

Site Characterization	
<i>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.</i>	
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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	46.9
GRO+DRO (EPA SW-846 Method 8015M)	23.6
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	06/18/2026
On what date will (or did) the final sampling or liner inspection occur	06/18/2026
On what date will (or was) the remediation complete(d)	06/18/2026
What is the estimated surface area (in square feet) that will be reclaimed	2342
What is the estimated volume (in cubic yards) that will be reclaimed	3
What is the estimated surface area (in square feet) that will be remediated	2342
What is the estimated volume (in cubic yards) that will be remediated	3
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 07/06/2026
<i>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.</i>	

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QUESTIONS, Page 5

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	596190
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/18/2026
What was the (estimated) number of samples that were to be gathered	11
What was the sampling surface area in square feet	1400

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	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2342
What was the total volume (cubic yards) remediated	3
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2342
What was the total volume (in cubic yards) reclaimed	3
Summarize any additional remediation activities not included by answers (above)	NA

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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 07/06/2026
--	---

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QUESTIONS, Page 7

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	2342
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseedling commence(d)	06/18/2026
Summarize any additional reclamation activities not included by answers (above)	NA
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 07/06/2026

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QUESTIONS, Page 8

Action 602037

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	2342
<i>Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.</i>	
On what date did the reseeded commence	06/18/2026
On what date was the vegetative cover inspected	06/18/2026
What was the life form ratio compared to pre-disturbance levels	95
What was the total percent plant cover compared to pre-disturbance levels	99
Summarize any additional revegetation activities not included by answers (above)	As remedial activities did not impact or remove established vegetation and based on 19.15.29.13 NMAC, revegetation is complete, and no further restoration is required. All disturbed areas have uniform vegetative cover established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds.
<i>The responsible party must attach information demonstrating they have complied with all applicable re-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.</i>	
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: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 07/06/2026
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

Sante Fe Main Office
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General Information
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Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 602037

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 602037
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure, reclamation, and re-vegetation report approved, release resolved, restoration complete.	7/28/2026