



SITE INFORMATION

Closure Report

Ender Wiggins 14 Federal 6, 11, 19, 20H CTB

Incident ID: NAPP2423924084

Unit K Sec 14 T25S R34E

32.1308996°, -103.4468458°

Lea County, New Mexico

Crude Oil Release

Point of Release: Equipment failure inside the secondary containment

Release Date: 08.22.2024

Volume Released: 6 Barrels of Crude Oil

Volume Recovered: 6 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:

**Marathon Oil Corporation
990 Town and Country Blvd,
Houston, Texas 77024**

Prepared by:

**Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701**



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September 9, 2024

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

Re: Closure Report
Ender Wiggins 14 Federal 6, 11, 19, 20H CTB
Marathon Oil Corporation
Incident ID: NAPP2423924084
Site Location: Unit E, S14, T25S, R34E
(Lat 32.1308996°, Long -103.4468458°)
Lea County, New Mexico

To whom it may concern:

On behalf of Marathon Oil Corporation, Carmona Resources, LLC has prepared this letter to document the Ender Wiggins 14 Federal 6, 11, 19, 20H CTB site activities. The site is located at 32.1308996°, -103.4468458° within Unit E, S14, T25S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the incident was discovered on August 22, 2024, due to equipment failure inside the secondary containment. The incident released approximately six (6) barrels of crude oil, with six (6) barrels of crude oil recovered. All fluids were contained within the lined facility. See Figure 3. The Notice of Release form is attached in Appendix B.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a 0.50-mile radius of the location. The nearest well is located approximately 0.43 miles northwest of the site in S15, T25S, R34E and was drilled in 2013. The well has a reported groundwater depth of 174.06' feet below the ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix C.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Liner Inspection Activities

On August 30, 2024, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility. Prior to the liner inspection, the NMOCD division office was notified via web portal on August 28, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix B. Carmona Resources, LLC personnel inspected the liner visually and found it to be intact with no integrity issues. Refer to the Photolog listed in Appendix A.



5.0 Conclusions

Based on the liner inspection throughout the facility, no further actions are required at the site. The final C-141 is attached, and Marathon formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

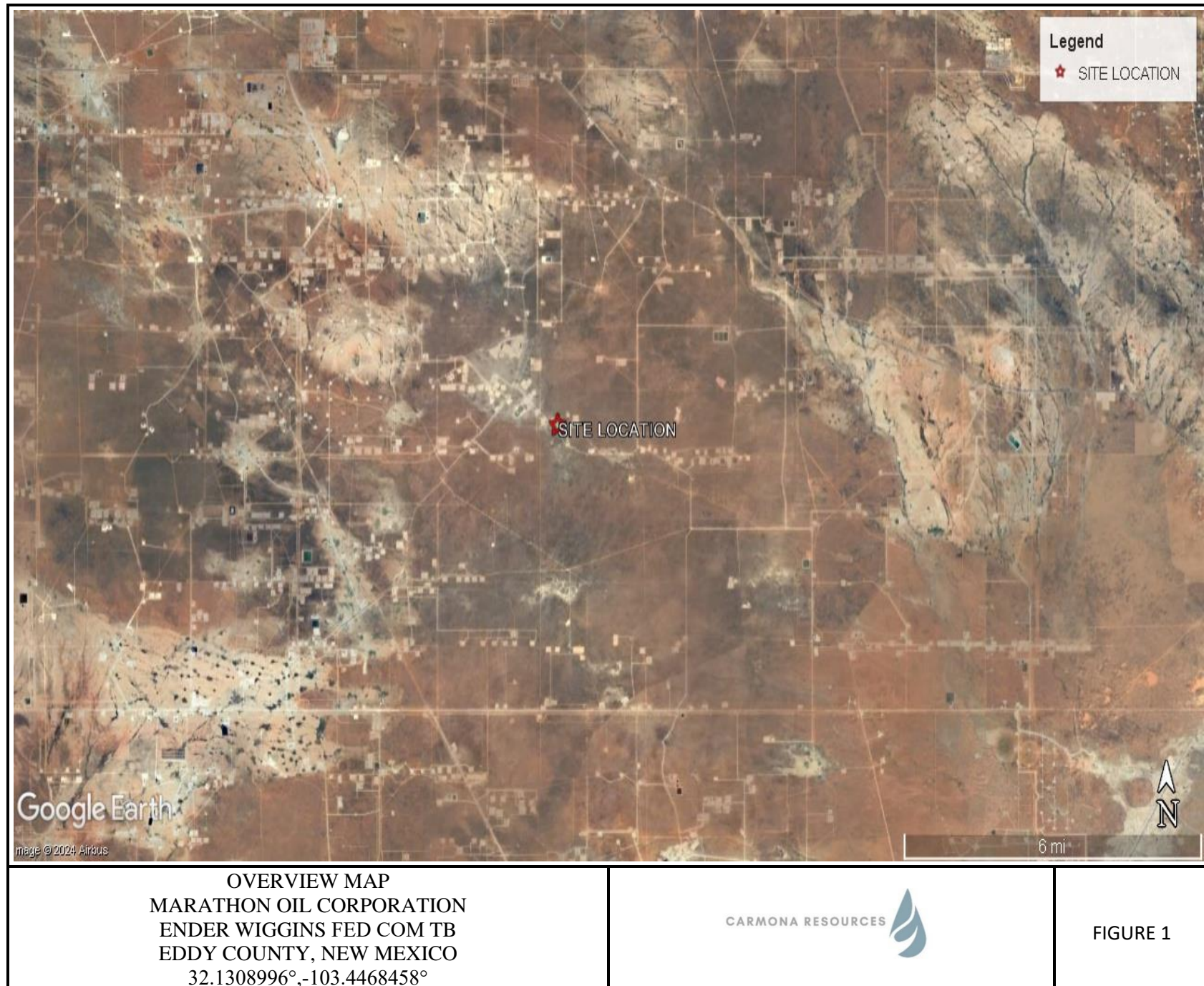
Clinton Merritt
Sr. Project Manager

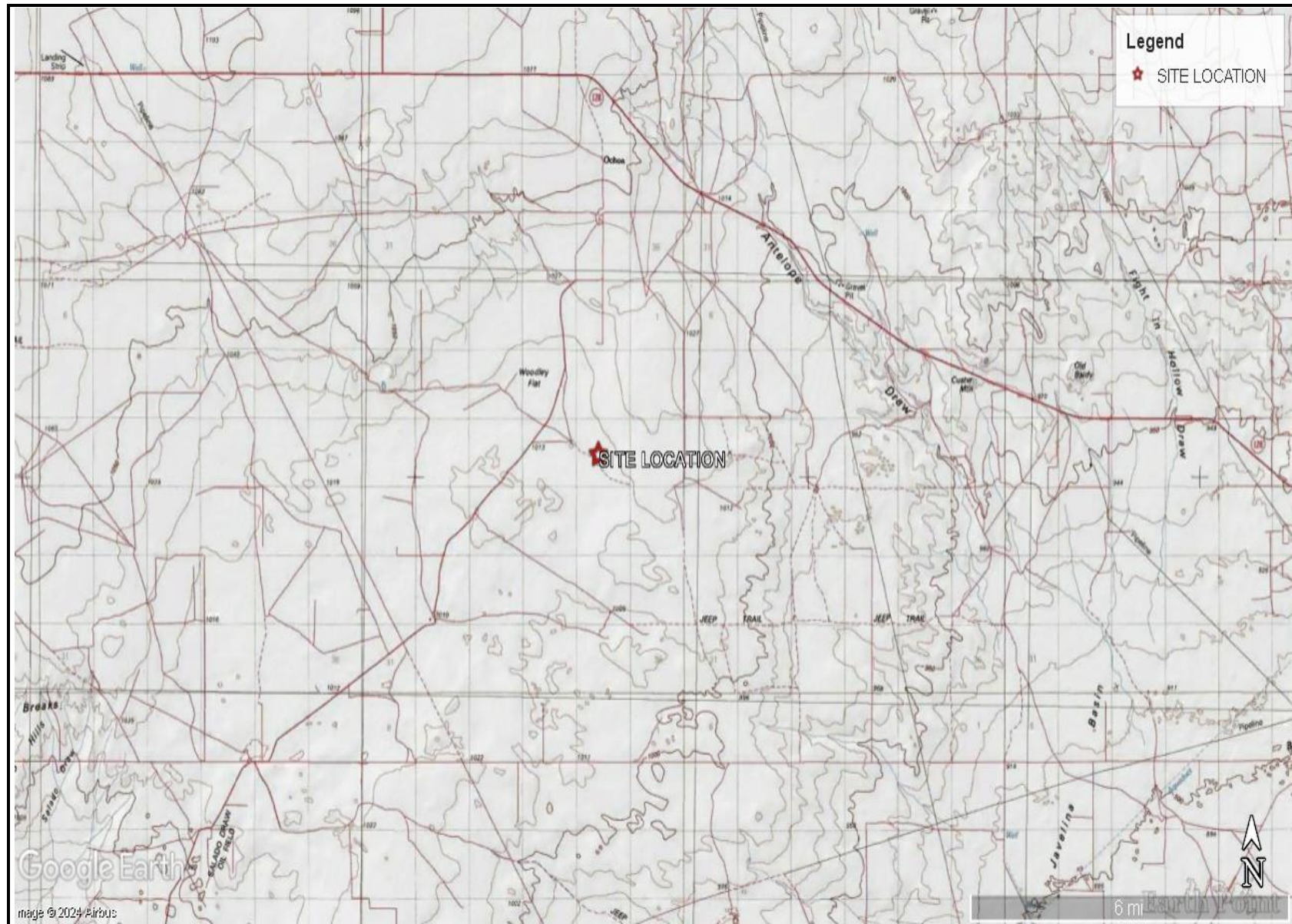
Ashton Thielke
Sr. Project Manager

FIGURES

CARMONA RESOURCES







TOPOGRAPHIC MAP
MARATHON OIL CORPORATION
ENDER WIGGINS FED COM TB
EDDY COUNTY, NEW MEXICO
32.1308996°, -103.4468458°



FIGURE 2



APPENDIX A

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Marathon Oil Corporation

Photograph No. 1

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Southeast, area of lined facility.



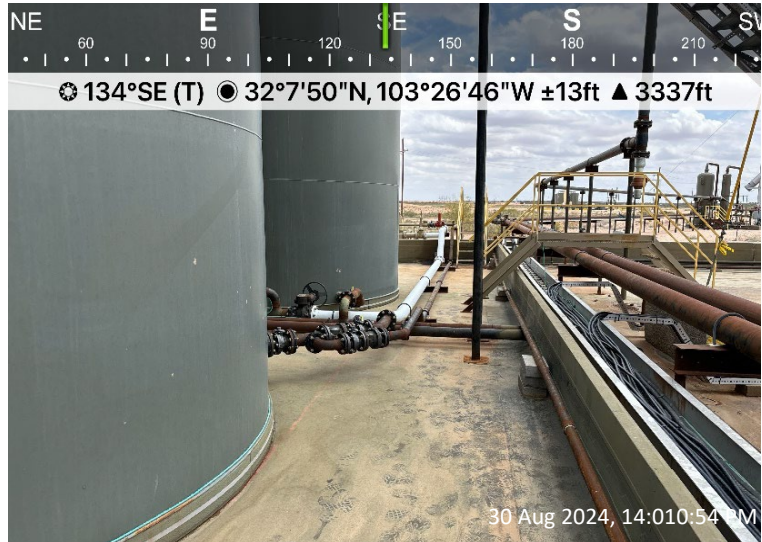
Photograph No. 2

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Southeast, area of lined facility.



Photograph No. 3

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Southwest, area of lined facility.



PHOTOGRAPHIC LOG

Marathon Oil Corporation

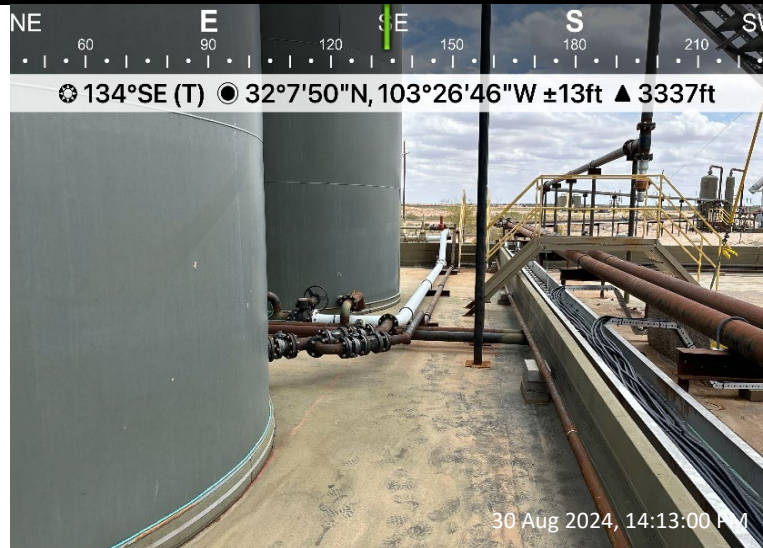
Photograph No. 4

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Southeast, area of lined facility.



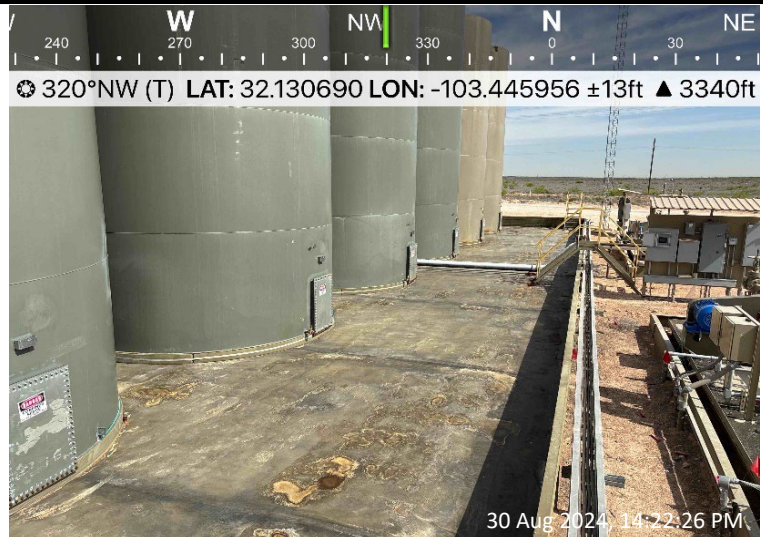
Photograph No. 5

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Northwest, area of lined facility.



Photograph No. 6

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Northeast, area of lined facility.



PHOTOGRAPHIC LOG

Marathon Oil Corporation

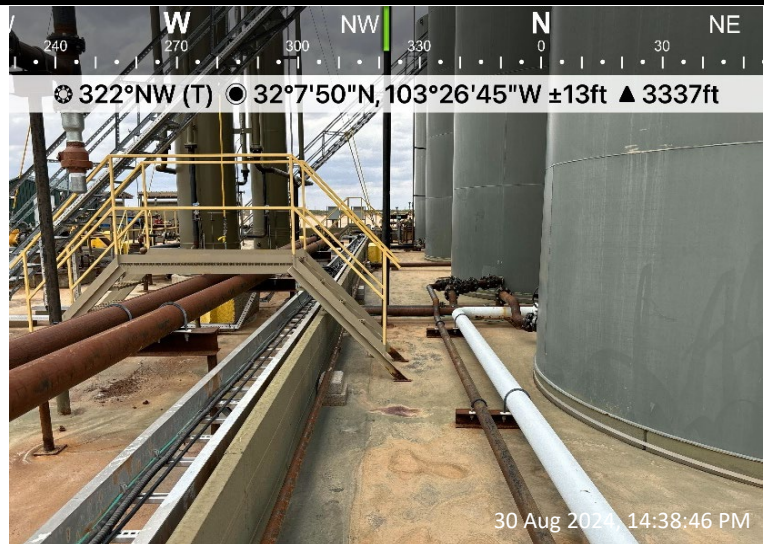
Photograph No. 7

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Northwest, area of lined facility.



Photograph No. 8

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View West, area of lined facility.



Photograph No. 9

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:

View Northwest, area of lined facility.



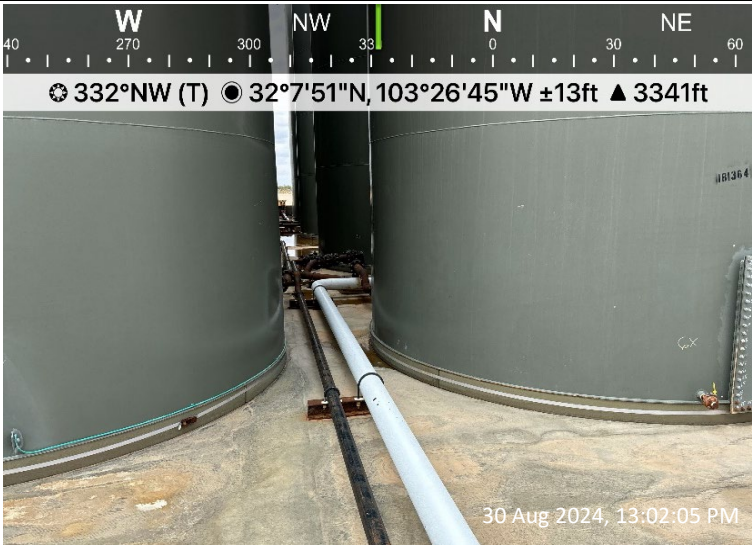
PHOTOGRAPHIC LOG
Marathon Oil Corporation

Photograph No. 10

Facility: Ender Wiggins Fed Com TB

County: Lea County, New Mexico

Description:
View Norhwest, area of lined facility.



APPENDIX B

CARMONA RESOURCES



OCD Permitting

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

[NOTIFY] Notification Of Release (NOR) Application

Submission Information

Submission ID:	377326	Districts:	Hobbs
Operator:	[372098] MARATHON OIL PERMIAN LLC	Counties:	Lea
Description:	MARATHON OIL PERMIAN LLC [372098] , ENDER WIGGINS FED COM TB , nAPP2423924084		
Status:	APPROVED		
Status Date:	08/26/2024		
References (2):	fAPP2126037995, nAPP2423924084		

Forms

This application type does not have attachments.

Questions

Location of Release Source

Please answer all the questions in this group.

Site Name	ENDER WIGGINS FED COM TB
Date Release Discovered	08/22/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Other Unknown Crude Oil Released: 6 BBL Recovered: 6 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operator discovered a release of oil/sludge mixture inside of lined secondary containment. No active leak was discovered. Source of the release is under investigation. Clean up efforts are underway.

Reasons why this would be considered a submission for a notification of a major release **Unavailable.**

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

Initial Response

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

- The source of the release has been stopped **True**
- The impacted area has been secured to protect human health and the environment **True**
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices **True**
- All free liquids and recoverable materials have been removed and managed appropriately **True**
- If all the actions described above have not been undertaken, explain why **Not answered.**

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Acknowledgments

- ☒ I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
- ☒ I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
- ☒ I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
- ☒ 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.
- ☒ I acknowledge the fact that 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.
- ☒ I acknowledge the fact that, 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.

Comments

No comments found for this submission.

Conditions

Summary: cswansonsteege (8/26/2024). When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

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CMERRITT (AGENT FOR MARATHON OIL PERMIAN LLC) SIGN OUT HELP

Searches Operator Data Submissions Administration

EMNRD Home OCD Main Page OCD Rules Help

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:	378814	Districts:	Hobbs
Operator:	[372098] MARATHON OIL PERMIAN LLC	Counties:	Lea
Description:	MARATHON OIL PERMIAN LLC [372098] , ENDER WIGGINS FED COM TB , nAPP2423924084		
Status:	APPROVED		
Status Date:	08/28/2024		
References (2):	fAPP2126037995, nAPP2423924084		

Forms

Attachments:	Volume Calculation
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Questions

Prerequisites

Incident ID (n#)	nAPP2423924084
Incident Name	NAPP2423924084 ENDER WIGGINS FED COM TB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2126037995] ENDER WIGGINS FED COM TB

Location of Release Source

Please answer all the questions in this group.

Site Name	ENDER WIGGINS FED COM TB
Date Release Discovered	08/22/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Other Unknown Crude Oil Released: 6 BBL Recovered: 6 BBL Lost: 0 BBL.
-----------------------------------	--

Other Released Details

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.

Operator discovered a release of oil/sludge mixture inside of lined secondary containment. No active leak was discovered.

Source of the release was not able to be identified.

Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)

No, according to supplied volumes this does not appear to be a “gas only” report.

Was this a major release as defined by Subsection A of 19.15.29.7 NMAC

No

Reasons why this would be considered a submission for a notification of a major release

Unavailable.

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

Initial Response

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

The source of the release has been stopped

True

The impacted area has been secured to protect human health and the environment

True

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices

True

All free liquids and recoverable materials have been removed and managed appropriately

True

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

Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement

Name: Cody Swanson Steege

Title: Compliance Supervisor

Email: swansonste@marathonoil.com

Date: 08/28/2024

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

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

Comments

No comments found for this submission.

Conditions

Summary: *scott.rodgers (8/28/2024)*, None

Reasons

No reasons found for this submission.

Fees

Summary:			Created	Type	Amount	Status	Saved
	FHC6X-240828-C-1410	Fee	8/28/2024	SB553 A.(2) [ADMIN]	\$150.00	Paid [PAID]	8/28/2024
		Payment	8/28/2024	Credit Card [CC]	\$150.00	Paid [PAID]	8/28/2024

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OCD Permitting

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

[NOTIFY] Notification Of Liner Inspection (C-141L) Application

Submission Information

Submission ID:	378784	Districts:	Hobbs
Operator:	[372098] MARATHON OIL PERMIAN LLC	Counties:	Lea
Description:	MARATHON OIL PERMIAN LLC [372098] , ENDER WIGGINS FED COM TB , nAPP2423924084		
Status:	APPROVED		
Status Date:	08/28/2024		
References (2):	fAPP2126037995, nAPP2423924084		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2423924084
Incident Name	NAPP2423924084 ENDER WIGGINS FED COM TB @ 0
Incident Type	Oil Release
Incident Status	Notification Accepted
Incident Facility	[fAPP2126037995] ENDER WIGGINS FED COM TB

Location of Release Source

Site Name	ENDER WIGGINS FED COM TB
Date Release Discovered	08/22/2024
Surface Owner	Private

Liner Inspection Event Information

Please answer all the questions in this group.

What is the liner inspection surface area in square feet	28,650
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/30/2024
Time liner inspection will commence	02:00 PM
Warning: Notification can not be less than two business days prior to conducting liner inspection.	
Please provide any information necessary for observers to liner inspection	Clinton Merritt 432-813-9044
Please provide any information necessary for navigation to liner inspection site	From the intersection of NM 128 and Battle Axe Road, travel southwest on Battle Axe Road for 4.20 miles. Turn southeast onto unmarked lease road and travel for 0.86 miles. Tank battery is on the southwest side of the unmarked lease road

Acknowledgments

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

Conditions

Summary: cswansonsteege (8/28/2024), Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

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APPENDIX C

CARMONA RESOURCES

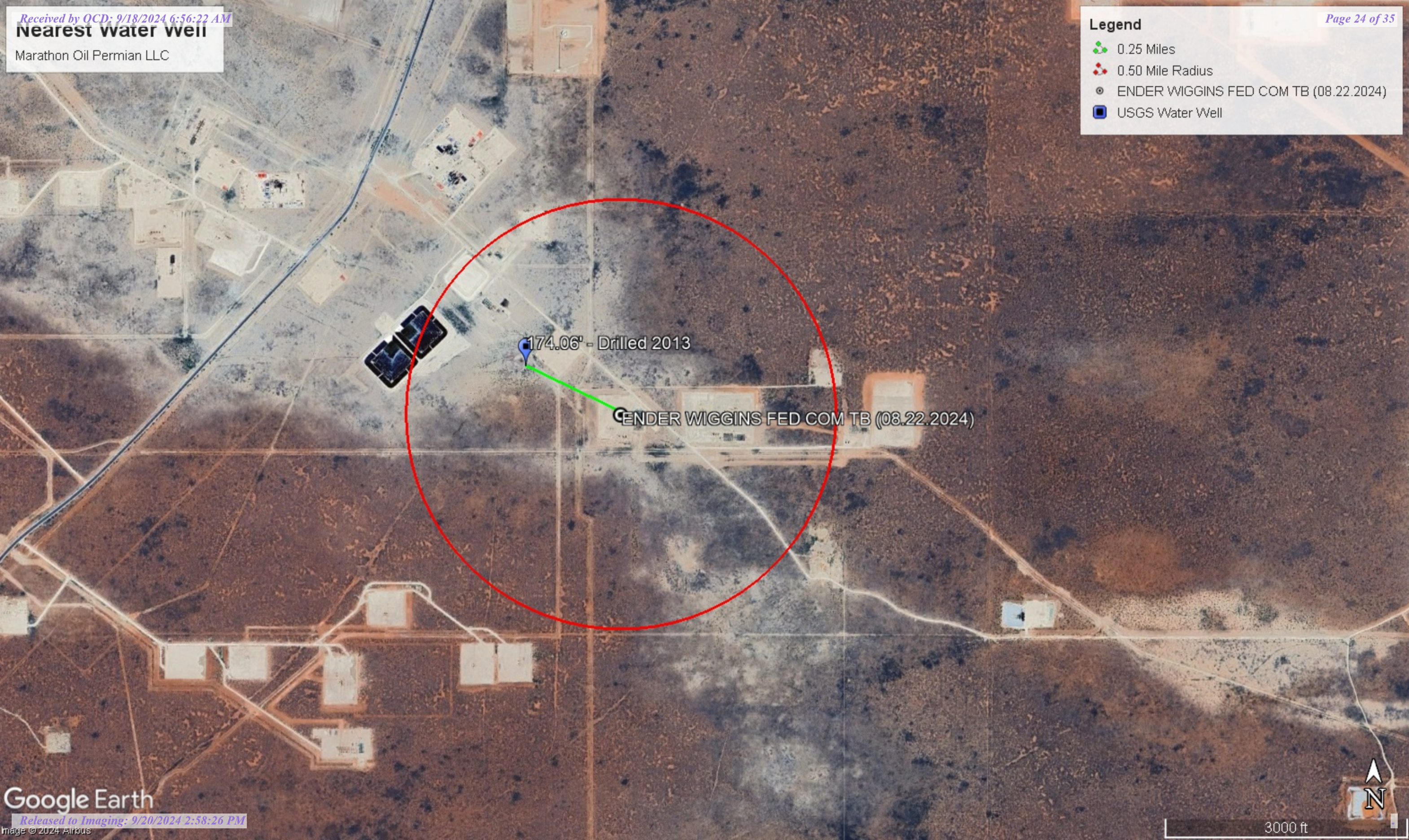


Nearest water well

Marathon Oil Permian LLC

Legend

- 0.25 Miles
- 0.50 Mile Radius
- ENDER WIGGINS FED COM TB (08.22.2024)
- USGS Water Well



Low Karst

Marathon Oil Permian LLC

Legend

- ENDER WIGGINS FED COM TB (08.22.2024)
- Low

ENDER WIGGINS FED COM TB (08.22.2024)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#####
in the POD suffix
indicates
the POD has
been replaced
& no longer
serves a water
right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are
smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 02314		CUB	LE	NE	SE	NE	15	25S	34E	646116.1	3556179.4		425	175	135	40
C 02315		CUB	LE	NE	SE	NE	15	25S	34E	646094.9	3556194.5		450	175	135	40
C 02299		CUB	LE	SE	NE	SE	24	25S	34E	649516.9	3554125.1		3550	350	300	50

Average Depth to Water: 190 feet

Minimum Depth: 135 feet

Maximum Depth: 300 feet

Record Count: 3

UTM Filters (in meters):

Easting: 646502.00
Northing: 3556001.00
Radius: 4000

* UTM location was derived from PLSS - see Help

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement
						Groundwater	New Mexico	GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320738103270501

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320738103270501 25S.34E.15.24234

Lea County, New Mexico
Latitude 32°07'57.1", Longitude 103°27'02.4" NAD83
Land-surface elevation 3,345.00 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1954-07-23			D 62610		3180.06	NGVD29	P	Z			A
1954-07-23			D 62611		3181.62	NAVD88	P	Z			A
1954-07-23			D 72019	164.94			P	Z			A
1970-12-08			D 62610		3181.78	NGVD29	P	Z			A
1970-12-08			D 62611		3183.34	NAVD88	P	Z			A
1970-12-08			D 72019	163.22			P	Z			A
1976-01-15			D 62610		3179.20	NGVD29	1	Z			A
1976-01-15			D 62611		3180.76	NAVD88	1	Z			A
1976-01-15			D 72019	165.80			1	Z			A
1981-03-25			D 62610		3182.20	NGVD29	1	Z			A
1981-03-25			D 62611		3183.76	NAVD88	1	Z			A
1981-03-25			D 72019	162.80			1	Z			A
1986-03-12			D 62610		3184.76	NGVD29	1	Z			A
1986-03-12			D 62611		3186.32	NAVD88	1	Z			A
1986-03-12			D 72019	160.24			1	Z			A
1991-06-05			D 62610		3179.90	NGVD29	1	Z			A
1991-06-05			D 62611		3181.46	NAVD88	1	Z			A
1991-06-05			D 72019	165.10			1	Z			A
2013-01-16	21:30 UTC		m 62610		3170.94	NGVD29	P	S	USGS	S	A
2013-01-16	21:30 UTC		m 62611		3172.50	NAVD88	P	S	USGS	S	A
2013-01-16	21:30 UTC		m 72019	174.06			P	S	USGS	S	A

Explanation		
Section	Code	Description

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Metho measu
Parameter code			72019	Depth to water level, feet below land surface				
Referenced vertical datum			NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum			NGVD29	National Geodetic Vertical Datum of 1929				
Status			1	Static				
Status			P	Pumping				
Method of measurement			S	Steel-tape measurement.				
Method of measurement			Z	Other.				
Measuring agency				Not determined				
Measuring agency			USGS	U.S. Geological Survey				
Source of measurement				Not determined				
Source of measurement			S	Measured by personnel of reporting agency.				
Water-level approval status			A	Approved for publication -- Processing and review completed.				

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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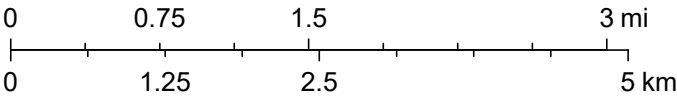
ENDER WIGGINS FED COM TB (08.22.2024)



8/26/2024, 3:03:44 PM

- OSW Water Bodys
- OSE Streams

1:72,224



Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, NM OSE

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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Phone:(575) 748-1283 Fax:(575) 748-9720
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS
Action 381126

QUESTIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID:	372098
	Action Number:	381126
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2423924084
Incident Name	NAPP2423924084 ENDER WIGGINS FED COM TB @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2126037995] ENDER WIGGINS FED COM TB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ENDER WIGGINS FED COM TB
Date Release Discovered	08/22/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other Unknown Crude Oil Released: 6 BBL Recovered: 6 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)	Operator discovered a release of oil/sludge mixture inside of lined secondary containment. No active leak was discovered. Source of the release was not able to be identified.

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QUESTIONS, Page 2

Action 381126

QUESTIONS (continued)

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID:
	372098
	Action Number:
	381126
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Cody Swanson Steege Title: Compliance Supervisor Email: swansonste@marathonoil.com Date: 09/18/2024
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QUESTIONS, Page 3

Action 381126

QUESTIONS (continued)

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	372098
	Action Number:
	381126
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (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 1 and 5 (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 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	08/30/2024
On what date will (or did) the final sampling or liner inspection occur	08/30/2024
On what date will (or was) the remediation complete(d)	08/30/2024
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS, Page 4

Action 381126

QUESTIONS (continued)

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 381126
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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>	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	No
<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: Cody Swanson Steege Title: Compliance Supervisor Email: swansonste@marathonoil.com Date: 09/18/2024
<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 6

Action 381126

QUESTIONS (continued)

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID:	372098
	Action Number:	381126
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	378784
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/30/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	28650

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	The release was inside the secondary containment. All fluids have been removed and liner was found to be intact and able to retain all fluids in case of another release.

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: Cody Swanson Steege Title: Compliance Supervisor Email: swansonste@marathonoil.com Date: 09/18/2024
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CONDITIONS

Action 381126

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 381126
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	App ID 381126 Liner Inspection approved	9/20/2024