

SITE INFORMATION

Closure Report
Airport Catapult CTB
Incident ID: nAPP2408244633
Unit O Sec 36 T22S R26E
32. 3419249°, -104. 2417534°
Eddy County, New Mexico

Produced Water Release

Point of Release: Equipment failure inside the secondary containment

Release Date: 03.21.24

Volume Released: 15 Barrels of Produced Water

Volume Recovered: 15 Barrels of Produced Water

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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May 3, 2024

Mike Bratcher District Supervisor Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Closure Report

Airport Catapult CTB Marathon Oil Corporation Incident ID: nAPP2408244633

Site Location: Unit O, S36, T22S, R26E (Lat 32. 3419249°, Long -104.2417534°)

Eddy County, New Mexico

Mr. Bratcher:

On behalf of Marathon Oil Corporation, Carmona Resources, LLC has prepared this letter to document the Airport Catapult CTB site activities. The site is located at 32.3419249°, -104.2417534° within Unit O, S36, T22S, R26E, in Eddy 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 March 21, 2024, due to equipment failure inside the secondary containment. The incident released approximately fifteen (15) barrels of produced water, with fifteen (15) barrels of produced water 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 medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water source is within a 0.50-mile radius of the location. The nearest well is located approximately 0.29 miles east of the site in S31, T22S, R26E and was drilled in 2010. The well has a reported groundwater depth of 200' 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: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 10,000 mg/kg.

4.0 Liner Inspection Activities

On April 19, 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 April 16, 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.

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

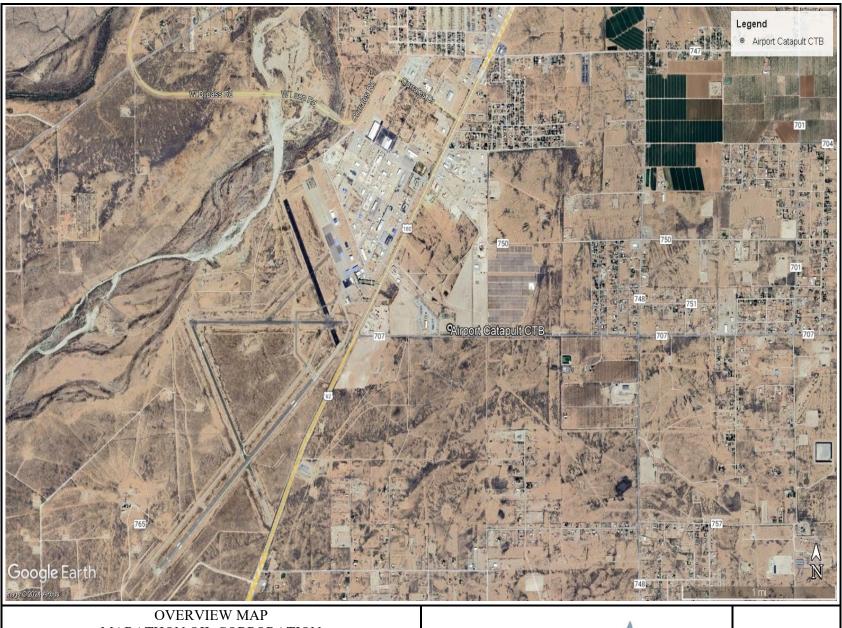
Sr. Project Manager

Ashton Thielke

Sr. Project Manager

FIGURES

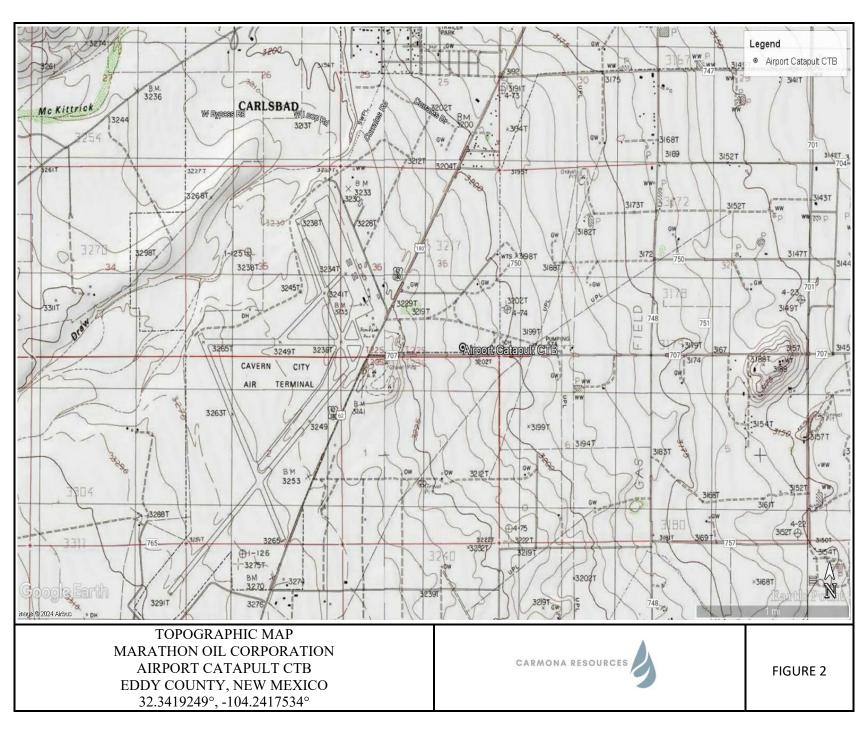
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MARATHON OIL CORPORATION AIRPORT CATAPULT CTB EDDY COUNTY, NEW MEXICO 32.3419249°, -104.2417534°

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FIGURE 1





SECONDARY CONTAINMENT MAP MARATHON OIL CORPORATION AIRPORT CATAPULT CTB EDDY COUNTY, NEW MEXICO 32.3419249°, -104.2417534°

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FIGURE 3

APPENDIX A

CARMONA RESOURCES

Marathon Oil Corporation

Photograph No. 1

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Southwest of well sign on facilty pad.



Photograph No. 2

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View North, area of lined facility.



Photograph No. 3

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View North, area of lined facility.



Marathon Oil Corporation

Photograph No. 4

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View West, area of lined facility.



Photograph No. 5

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View East, area of lined facility.



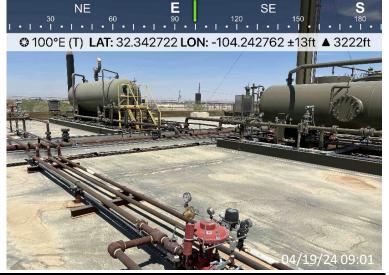
Photograph No. 6

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View East, area of lined facility.



Marathon Oil Corporation

Photograph No. 7

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Northeast, area of lined facility.



Photograph No. 8

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Northeast, area of lined facility.



Photograph No. 9

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Southwest, area of lined facility.



Marathon Oil Corporation

Photograph No. 10

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Southeast, area of lined facility.



Photograph No. 11

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Southeast, area of lined facility.



Photograph No. 12

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Southwest, area of lined facility.



NW

PHOTOGRAPHIC LOG

Marathon Oil Corporation

Photograph No. 13

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View Northwest, area of lined facility.



Photograph No. 14

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View West, area of lined facility.



SW

Photograph No. 15

Facility: Airport Catapult CTB

County: Eddy County, New Mexico

Description:

View East, area of lined facility.



APPENDIX B

CARMONA RESOURCES

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 325930

QUESTIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	325930
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Catapult CTB
Date Release Discovered	03/21/2024
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Corrosion Production Tank Produced Water Released: 15 BBL Recovered: 15 BBL Lost: 0 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	spill is contained inside lined containment. Liner will be pressure washed and liner integrity inspection conducted.	

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QUESTIONS, Page 2

Action 325930

QUESTIONS (continued)

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	325930
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

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 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.

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<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

ACKNOWLEDGMENTS

Action 325930

ACKNOWLEDGMENTS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	325930
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

V	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.	
V	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.	
V	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.	
V	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.	
V	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.	
V	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.	

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

CONDITIONS

Action 325930

CONDITIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	325930
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created	Condition	Condition
Ву		Date
icastro	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/22/2024

Received by OCD: 5/21/2024 8:58:18 AM Form C-141 State of New Mexico
Page 3 Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)							
Did this release impact groundwater or surface water?								
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?								
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?								
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No							
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No							
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No							
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?								
Are the lateral extents of the release within 300 feet of a wetland?								
Are the lateral extents of the release overlying a subsurface mine?								
Are the lateral extents of the release overlying an unstable area such as karst geology?								
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No							
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No							
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil							
Characterization Report Checklist: Each of the following items must be included in the report.								
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody	ls.							

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

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Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a the addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	tifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name:	Title:
Signature:	Date:
email:	Telephone:
OCD O. I	
OCD Only	
Received by:	Date:

Received by OCD: 5/21/2024 8:58:18 AM
State of New Mexico
Page 6
Oil Conservation Division

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Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:

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QUESTIONS

Action 328085

QUESTIONS

Operator:	OGRID:					
MARATHON OIL PERMIAN LLC	372098					
990 Town & Country Blvd.	Action Number:					
Houston, TX 77024	328085					
	Action Type:					
	[NOTIFY] Notification Of Liner Inspection (C-141L)					

QUESTIONS

Prerequisites									
Incident ID (n#)	nAPP2408244633								
Incident Name	NAPP2408244633 CATAPULT CTB @ 0								
Incident Type	Produced Water Release								
Incident Status	Initial C-141 Approved								
Incident Facility	[fAPP2126037113] CATAPULT FEE 510 TB								

Location of Release Source	
Site Name	Catapult CTB
Date Release Discovered	03/21/2024
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	48,485
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	04/19/2024
Time liner inspection will commence	08:00 AM
Please provide any information necessary for observers to liner inspection	Inspector: Clinton Merritt 432-813-9044
Please provide any information necessary for navigation to liner inspection site	From the intersection of US 285 and W Derrick Rd, turn west onto W Derrick Rd and travel for 5 miles. Tank Battery is on the north side of the highway.

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

CONDITIONS

Action 328085

CONDITIONS

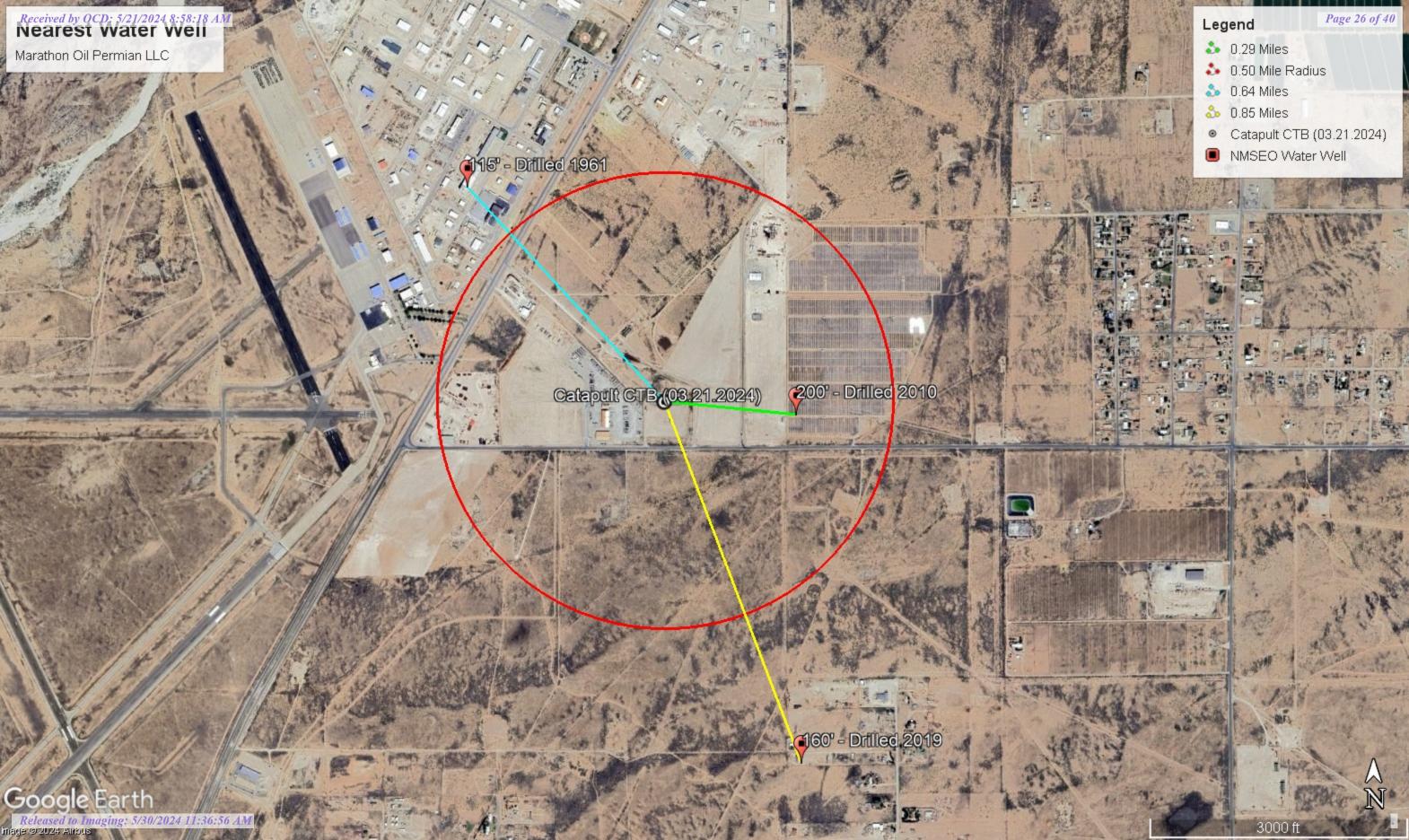
Operator: MARATHON OIL PERMIAN LLC	OGRID: 372098
990 Town & Country Blvd. Houston, TX 77024	Action Number: 328085
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created	Condition	Condition
Ву		Date
icastro	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.	4/16/2024

APPENDIX C

CARMONA RESOURCES







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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

water right file.)	close	d) (quarters are smallest to largest)		est) ((NAD83 UTM in meters)			(In feet)								
		POD Sub-		O	Q	O								Denth	Denth	Water
POD Number	Code		County			-	Sec	Tws	Rng)	(Υ	Distance	•	•	Column
<u>C 03445</u>		CUB	ED	3	3	3	31	22S	27E	57177	4 3578	3630 🌕	467		200	
<u>C 01018</u>		С	ED	3	4	1	36	22S	26E	570603	3 3579	422* 🎒	1026	125	115	10
C 00355	С	CUB	ED		1	4	01	23S	26E	57113 ⁻	1 3577	484* 🌍	1205	2065		
C 03161		С	ED	3	1	1	31	22S	27E	571829	9 3579	813* 🌍	1250	200		
C 04299 POD1		С	ED	3	1	3	06	23S	27E	571800	3577	7405 🌍	1362	175	160	15
C 00028 S		CUB	ED	3	1	2	06	23S	27E	57262	4 3578	207* 🌍	1396	231	190	41
C 03650 POD1		CUB	ED	3	2	1	36	22S	26E	57056	5 3579	9928 🌍	1455	170	167	3
C 00028 CLW204118	0	CUB	ED	1	3	2	06	23S	27E	572630	3578	004* 🎒	1482	263		
C 00277		С	ED	3	4	4	25	22S	26E	57141°	1 3580	227* 🎒	1554	265	147	118
<u>C 01153</u>		С	ED	3	4	4	25	22S	26E	57141°	1 3580	227* 🌍	1554	290		
C 04290 POD1		CUB	ED	1	4	2	06	23S	27E	572752	2 3578	3077 🌍	1562	168	150	18
<u>C 02099</u>		С	ED		2	3	06	23S	27E	57233	5 3577	498* 🎒	1562	200	165	35
<u>C 02080</u>		С	ED	2	4	3	01	23S	26E	57082	2 3577	175* 🎒	1578	240	190	50
C 02081		С	ED	2	4	3	01	23S	26E	57082	2 3577	175* 🎒	1578	240	190	50
<u>C 03118</u>		С	ED	2	4	3	01	23S	26E	570822	2 3577	175* 🎒	1578	260	210	50
<u>C 00028</u>		CUB	ED	4	1	2	06	23S	27E	57282	4 3578	207* 🎒	1586	200		
C 00028 CLW204125	0	CUB	ED	4	1	2	06	23S	27E	57282	4 3578	207* 🎒	1586	210		
C 00228		CUB	ED	1	3	2	31	22S	27E	572613	3 3579	617* 🎒	1608	210		
<u>C 02429</u>		С	ED	1	4	3	01	23S	26E	570622	2 3577	175* 🎒	1650	300	140	160
<u>C 01985</u>		С	ED		4	3	01	23S	26E	57072	3 3577	076* 🎒	1704	216	185	31
C 00624		С	ED			2	06	23S	27E	572932	2 3578	106* 🎒	1720	285		
C 04616 POD1		С	ED	3	4	4	31	22S	27E	57303	3 3578	3676 🌕	1724	200		
C 00167		С	ED	1	4	4	25	22S	26E	57141°	1 3580	427* 🎒	1753	210		
C 00902		С	ED	1	4	4	25	22S	26E	57141	1 3580	427* 🎒	1753	305		
C 03778 POD1		С	ED	2	3	3	01	23S	26E	570329	9 3577	7213 🎒	1760	230	209	21
<u>C 01665</u>		С	ED	4	4	3	01	23S	26E	570822	2 3576	975* 🎒	1769	278		

*UTM location was derived from PLSS - see Help

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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

(quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

,	POD											
	Sub-		Q (Q							Depth	Depth Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	X	Υ	Distance	Well	Water Column
C 00853	CUB	ED	1	1 1	36	22S	26E	570181	3580043*	1771	164	
C 00854	CUB	ED	1	1 1	36	22S	26E	570181	3580043* 🌕	1771	166	
C 03078	С	ED	1 :	2 4	31	22S	27E	573019	3579216* 🎒	1793	130	60 70

Average Depth to Water: 165 feet

> Minimum Depth: 60 feet

Maximum Depth: 210 feet

Record Count: 29

UTMNAD83 Radius Search (in meters):

Easting (X): 571308.52 Northing (Y): 3578676.3 Radius: 1800

*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.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X

C 03445

22S 27E 31

571774

3578630

1314 **Driller License:**

Driller Company:

M & M EXCAVATING, INC.

Driller Name: MALEY, DAVID R. (LD)

Drill Start Date: Drill Finish Date: Log File Date: 05/21/2010

Plug Date: 04/29/2010

PCW Rcv Date:

Shallow Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

Depth Water:

200 feet

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POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X}

C 01018

30

22S 26E 570603 3579422*

Driller License:

Driller Company:

BARRON, EMMETT

Driller Name:

BARRON, EMMETT

08/01/1961

Drill Finish Date:

08/03/1961

Plug Date:

Shallow

Drill Start Date: Log File Date:

10/25/1961

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

5.50

Depth Well:

125 feet

Depth Water: 115 feet

Water Bearing Stratifications:

Bottom Description Top 120

Top 115 125 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom

125

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POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

 \mathbf{X} Y

221AF C 04299 POD1

23S 27E 571800 3577405

TAYLOR WATER WELL SERVICE

1348 **Driller Company: Driller Name:** CLINTON E TAYLOR

Drill Start Date: 12/31/2018 **Drill Finish Date:**

01/15/2019

Plug Date:

Shallow

Log File Date:

Driller License:

02/12/2019

PCW Rcv Date:

Source:

100 GPM

Pump Type: Casing Size:

4.50

Pipe Discharge Size: **Depth Well:**

175 feet

Depth Water:

Estimated Yield:

160 feet

Water Bearing Stratifications:

Bottom Description Top

175 Sandstone/Gravel/Conglomerate

Casing Perforations:

Bottom Top 155

160

175

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POINT OF DIVERSION SUMMARY

FEMA National Flood Hazard Layer (NFHL)

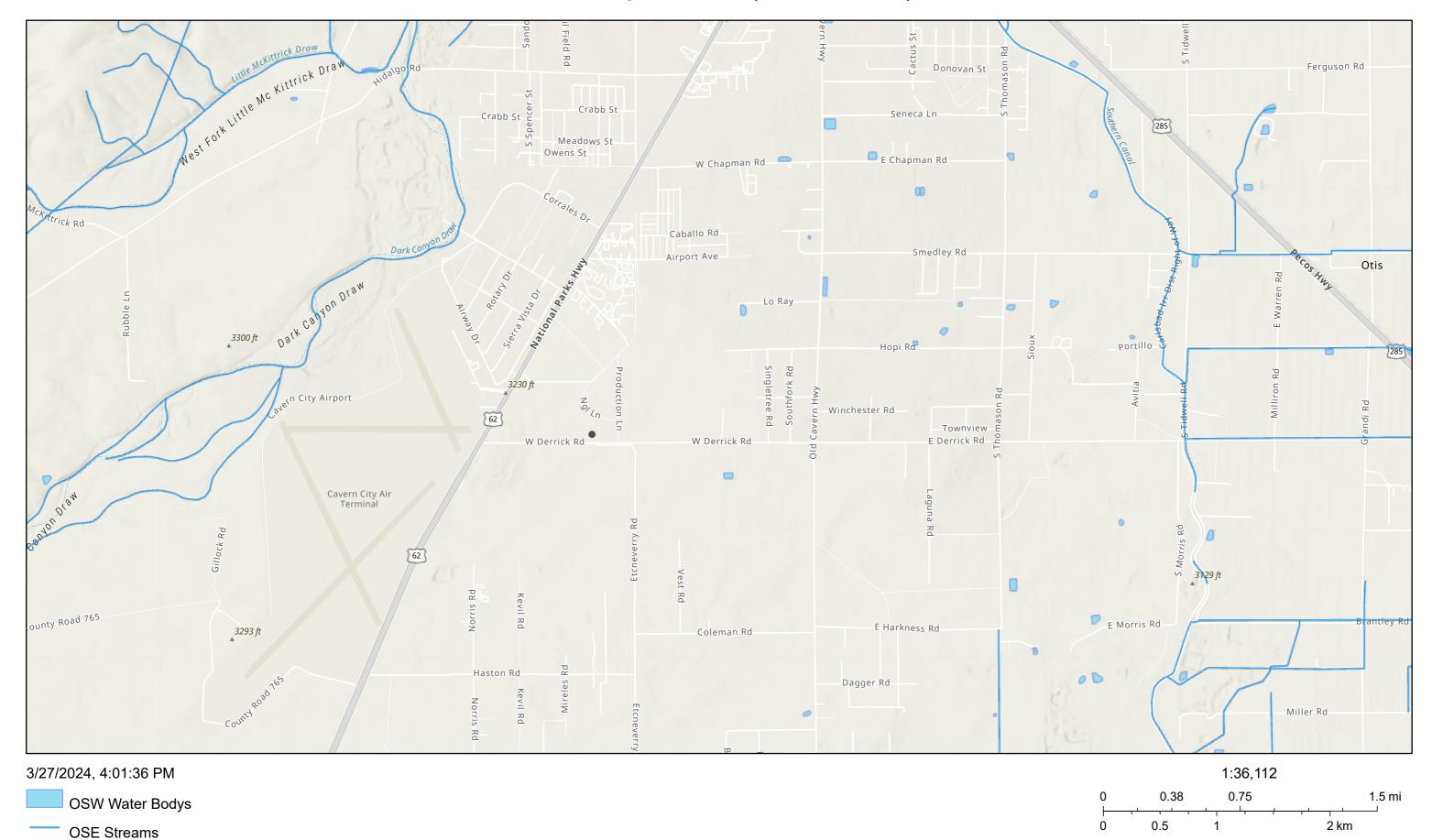
NFHL Water Lines Airport Ave Water Areas Flood Hazard Boundaries Limit Lines NP SFHA / Flood Zone Boundary Flowage Easement Boundary Flood Hazard Zones 1% Annual Chance Flood Hazard Regulatory Floodway Derrick Ro Special Floodway Area of Undetermined Flood Hazard 0.2% Annual Chance Flood Hazard Future Conditions 1% W Derrick Rd W Dettlek Rd Annual Chance Flood Hazard Area with Reduced Risk Due to Levee Area with Risk Due to Levee

FEMA flood layer

0.3mi

Maxar | Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Catapult CTB (03.21.2024)



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

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

QUESTIONS

Action 342616

QUESTIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	342616
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2408244633	
Incident Name	NAPP2408244633 CATAPULT CTB @ 0	
Incident Type	Produced Water Release	
Incident Status	Remediation Closure Report Received	
Incident Facility	[fAPP2126037113] CATAPULT FEE 510 TB	

Location of Release Source			
Please answer all the questions in this group.			
Site Name	Catapult CTB		
Date Release Discovered	03/21/2024		
Surface Owner	Private		

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

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Cause: Corrosion Production Tank Produced Water Released: 15 BBL Recovered: 15 BBL Lost: 0 BBL.			
Is the concentration of chloride in the produced water >10,000 mg/l	Yes			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	spill is contained inside lined containment. Liner will be pressure washed and liner integrity inspection conducted.			

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

QUESTIONS, Page 2

Action 342616

QUEST	IONS (continued)
Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098 Action Number: 342616 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 second content of the con	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.
	I lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Isaac Castro Email: icastro@marathonoil.com

Email: icastro@marathonoil.com

Date: 05/21/2024

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

QUESTIONS, Page 3

Action 342616

QUESTIONS (continued)

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	342616
	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	Between ½ and 1 (mi.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)			
Any other fresh water well or spring	Between ½ and 1 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (mi.)			
A wetland	Greater than 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	Medium			
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	03/22/2024			
On what date will (or did) the final sampling or liner inspection occur	04/19/2024			
On what date will (or was) the remediation complete(d)	03/23/2024			
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.

District I

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

QUESTIONS, Page 4

Action 342616

QUESTIONS (continued)

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	342616
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)			
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:			
(Select all answers below that apply.)			
Is (or was) there affected material present needing to be removed	Yes		
Is (or was) there a power wash of the lined containment area (to be) performed	Yes		
OTHER (Non-listed remedial process) Not answered.			
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC.			

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Isaac Castro
Email: icastro@marathonoil.com
Date: 05/21/2024

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

QUESTIONS, Page 6

Action 342616

QUESTIONS	(continued)

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	342616
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information		
Last liner inspection notification (C-141L) recorded	328085	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	04/19/2024	
Was all the impacted materials removed from the liner	Yes	
What was the liner inspection surface area in square feet	48485	

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)	Following pressure washing and removal of standing fluid from the lined secondary containment, on April 19, 2024, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility. Based on the liner inspection throughout the facility, no further actions are required at the site.		

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.

Name: Isaac Castro
Email: icastro@marathonoil.com
Date: 05/21/2024

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CONDITIONS

Action 342616

CONDITIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	342616
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	amlet We have received your Remediation Closure Report for Incident #NAPP2408244633 CATAPULT CTB, thank you. This Remediation Closure Report is approved.	