

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	nAPP2326965347
District RP	
Facility ID	fAPP2125238645
Application ID	

Release Notification

Responsible Party

Responsible Party Marathon Oil Permian LLC	OGRID 372098
Contact Name Melodie Sanjari	Contact Telephone 575-988-8753
Contact email msanjari@marathonoil.com	Incident # (assigned by OCD)
Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220	

Location of Release Source

Latitude 32.2106117 Longitude -104.1807023
(NAD 83 in decimal degrees to 5 decimal places)

Site Name BLACK RIVER 374 STATE TB	Site Type Oil & Gas Facility
Date Release Discovered: 9/25/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	15	24S	27E	Eddy

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 505	Volume Recovered (bbls) 505
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Failure on a collar on water tank resulted in the release of approx. 505 bbl. of produced water within the lined, secondary containment. Source was isolated. Fluid recovered. Notice will be sent out prior to liner integrity inspection.

Incident ID	nAPP2326965347
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, NOR was submitted 9/26/23.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Melodie Sanjari</u>	Title: <u>Environmental Professional</u>
Signature: <u>Melodie Sanjari</u>	Date: 9/28/2023
email: <u>msanjari@marathonoil.com</u>	Telephone: <u>575-988-8753</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

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Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date 10/9/2023

email: msanjari@marathonoil.com Telephone: 575-988-8753

OCD Only

Received by: Shelly Wells Date: 10/10/2023

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

Closure Approved by: Shelly Wells Date: 10/16/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

Sanjari, Melodie (MRO)

From: Sanjari, Melodie (MRO)
Sent: Saturday, September 30, 2023 4:16 PM
To: SLO Spills; Enviro, OCD, EMNRD
Cc: Castro, Isaac (MRO)
Subject: Marathon Oil - Liner Inspection Notice - nAPP2326965347

Good Evening,

Please let this email serve as the required agency notification for a liner integrity inspection to close out incident nAPP2326965347 at the Black River 3H 8H 10H CTB. The inspection will take place this coming Thursday, Oct. 5th.

Thank you

Melodie Sanjari

Environmental Professional
Permian & Oklahoma
575-988-8753



From: Castro, Isaac (MRO)
Sent: Thursday, September 28, 2023 9:53 AM
To: Sanjari, Melodie (MRO) <msanjari@marathonoil.com>; SLO Spills <spills@slo.state.nm.us>
Subject: Marathon Oil - Initial C-141 - nAPP2326965347

Good Morning,

Please find initial C141 associated with nAPP2326965347.

Thanks,

Isaac Castro
Environmental Professional – Compliance
Marathon Oil Company – Permian Asset
4111 S. Tidwell Road
Carlsbad, NM 88220
Cell: (575) 988-0561 **Email:** icastro@marathonoil.com



From: Castro, Isaac (MRO)
Sent: Tuesday, September 26, 2023 6:23 PM
To: Sanjari, Melodie (MRO) <msanjari@marathonoil.com>; 'SLO Spills' <spills@slo.state.nm.us>
Subject: Marathon Oil - Initial spill notification - nAPP2326965347

Liner Integrity Inspection (Photos Attached)

Date: 10/5

Facility: Black River 3H 8H 10H.

48 Hour Notification Given On: 9/30

Responsible party has visually inspected the liner

☒ Y/N

Liner remains intact

☒ Y/N

Liner had the ability to contain the leak in question:

☒ Y/N

Notes:

- Minor staining/salt in low lying areas.
- No rips, tears or failures noted
- Containment was pressure washed post release.

Company Representative(s)

M. Sanjari
Melodie Sanjari





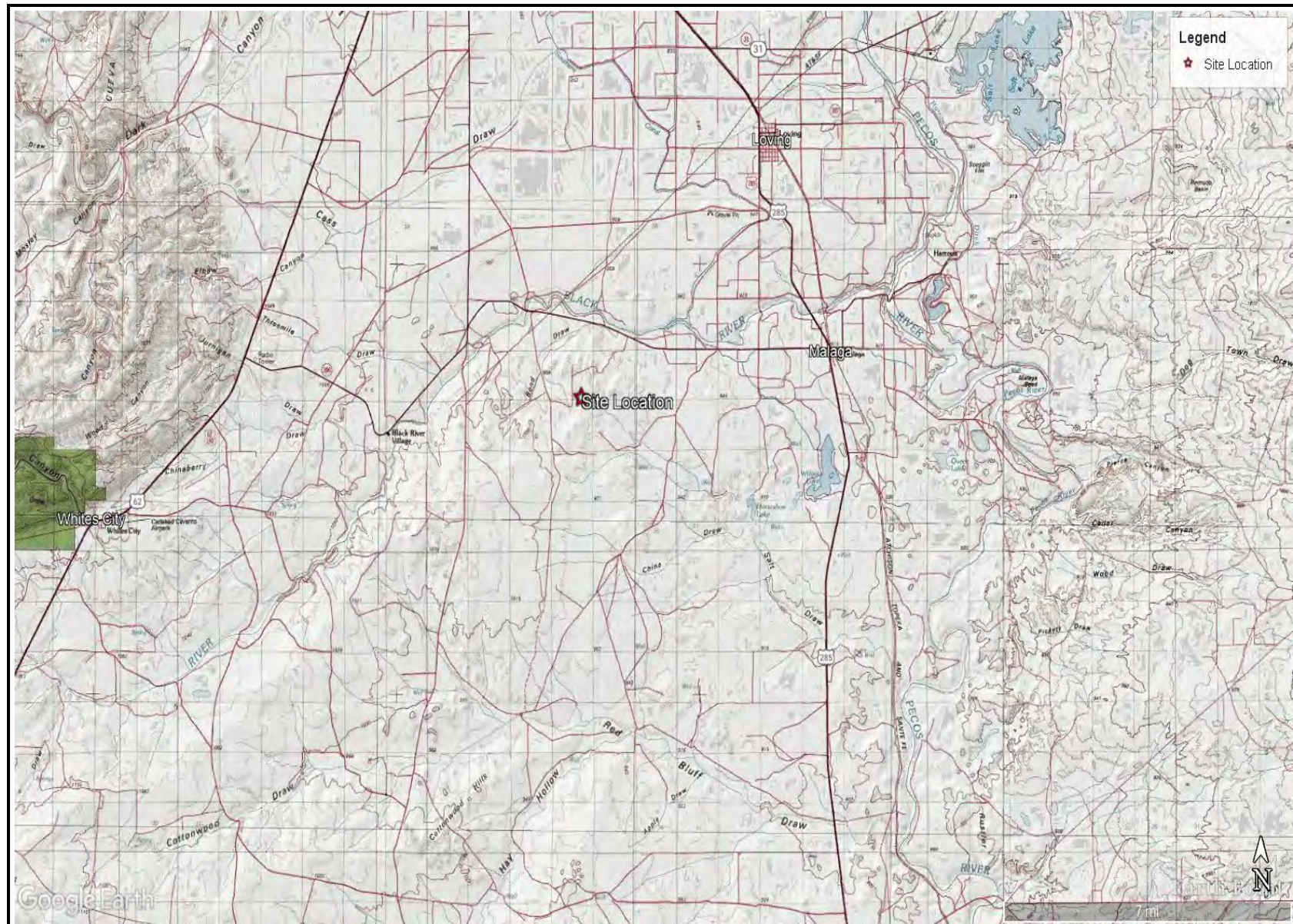




SECONDARY CONTAINMENT MAP
MARATHON OIL COMPANY
BLACK RIVER 3H 8H 10H
EDDY COUNTY, NEW MEXICO
32.21021092°, -104.17061069°



FIGURE 1



TOPOGRAPHIC MAP
MARATHON OIL CORPORATION
BLACK RIVER 374 STATE TANK BATTERY
EDDY COUNTY, NEW MEXICO
32.211541°, -104.174294°



FIGURE 2

Nearest water well

Marathon Oil Permian LLC

Legend

- 0.50 Mile Radius
- 0.66 Miles
- 1.60 Miles
- 1.66 Miles
- BLACK RIVER 374 STATE TB
- NMSEO Water Well

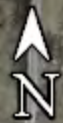


BLACK RIVER 374 STATE TB

30' - Drilled 1976

25' - Drilled 1981

70' - Drilled 1971



4000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01452	C	ED					22	24S	27E	577435	3563175*	1074	95	70	25
C 00347	CUB	ED		1	1	13	24S	27E	580010	3565479*	2573	60	30		30
C 03147	C	ED		3	3	3	12	24S	27E	579885	3565715	2596	140		
C 04147 POD1	CUB	ED		4	1	3	24	24S	27E	580101	3562969	2621	35		
C 01943	C	ED			1	13	24S	27E	580221	3565275*	2668	30	25		5
C 00342	C CUB	ED		4	1	13	24S	27E	580432	3565080*	2794	2565			
C 03260 POD1	C	ED		3	3	3	12	24S	27E	579995	3565935	2816	80	56	24
C 03260 POD2	O C	ED		1	3	3	12	24S	27E	580100	3565984	2929	80	56	24
C 00850	C	ED		2	3	09	24S	27E	575595	3566223*	2984	108	35		73
C 03145	C	ED		3	1	4	13	24S	27E	580749	3564579*	2992	103	40	63
C 00821	C	ED		3	2	09	24S	27E	575996	3566635*	3025	97	50		47
C 01721	C	ED			1	25	24S	27E	580271	3562033*	3295	170			
C 00364	C CUB	ED		1	2	09	24S	27E	575997	3567043*	3363	2270			
C 02976	C	ED		4	2	3	12	24S	27E	580519	3566195*	3391	57	27	30
C 03037	C	ED		4	3	4	12	24S	27E	580930	3565795*	3532	116	25	91
C 01366	CUB	ED			4	08	24S	27E	574590	3566003*	3669	60	35		25
C 00631	C	ED		3	3	4	08	24S	27E	574288	3565701*	3805	50	24	26
C 03740 POD1	C	ED		4	4	4	12	24S	27E	581283	3565795	3850	340		
C 00516	CUB	ED		1	3	4	08	24S	27E	574288	3565901*	3889	105	36	69
C 00516 CLW201016	O CUB	ED		1	3	4	08	24S	27E	574288	3565901*	3889	62		
C 00516 CLW308590	O CUB	ED		1	3	4	08	24S	27E	574288	3565901*	3889	105	36	69
C 00516 S	CUB	ED		1	3	4	08	24S	27E	574288	3565901	3889	50	17	33

*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	Y
C	01452				22	24S	27E	577435	3563175*
<hr/>									
Driller License:		30		Driller Company:		BARRON, EMMETT			
Driller Name:		BARRON, EMMETT							
Drill Start Date:		07/21/1971		Drill Finish Date:		07/23/1971		Plug Date:	
Log File Date:		08/02/1971		PCW Rev Date:				Source: Shallow	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		7.00		Depth Well:		95 feet		Depth Water: 70 feet	
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		60	70	Sandstone/Gravel/Conglomerate					

*UTM location was derived from PLSS - see Help

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9/14/23 1:52 PM

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	X	Y
C	00347	1	1	13	24S	27E	580010	3565479*	
<hr/>									
Driller License:	24	Driller Company:		BRININSTOOL, M.D.					
Driller Name:	BRININSTOOL, M.D.								
Drill Start Date:	07/02/1974	Drill Finish Date:		06/25/1976		Plug Date:			
Log File Date:	07/01/1976	PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:		100 GPM	
Casing Size:	4.25	Depth Well:		60 feet		Depth Water:		30 feet	
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		48	54	Other/Unknown					

*UTM location was derived from PLSS - see Help

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9/14/23 1:52 PM

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	X	Y
C	01943			1	13	24S	27E	580221	3565275*
Driller License: 961 Driller Company: MAVERICK DRILLING									
Driller Name: DON THOMPSON									
Drill Start Date: 09/15/1981		Drill Finish Date: 09/25/1981		Plug Date:					
Log File Date: 06/11/1982		PCW Rev Date:		Source:					
Pump Type:		Pipe Discharge Size:		Estimated Yield: 2 GPM					
Casing Size:		Depth Well: 30 feet		Depth Water: 25 feet					
Water Bearing Stratifications:									
		Top	Bottom	Description					
		0	10	Shallow Alluvium/Basin Fill					
		10	25	Other/Unknown					
		25	30	Sandstone/Gravel/Conglomerate					

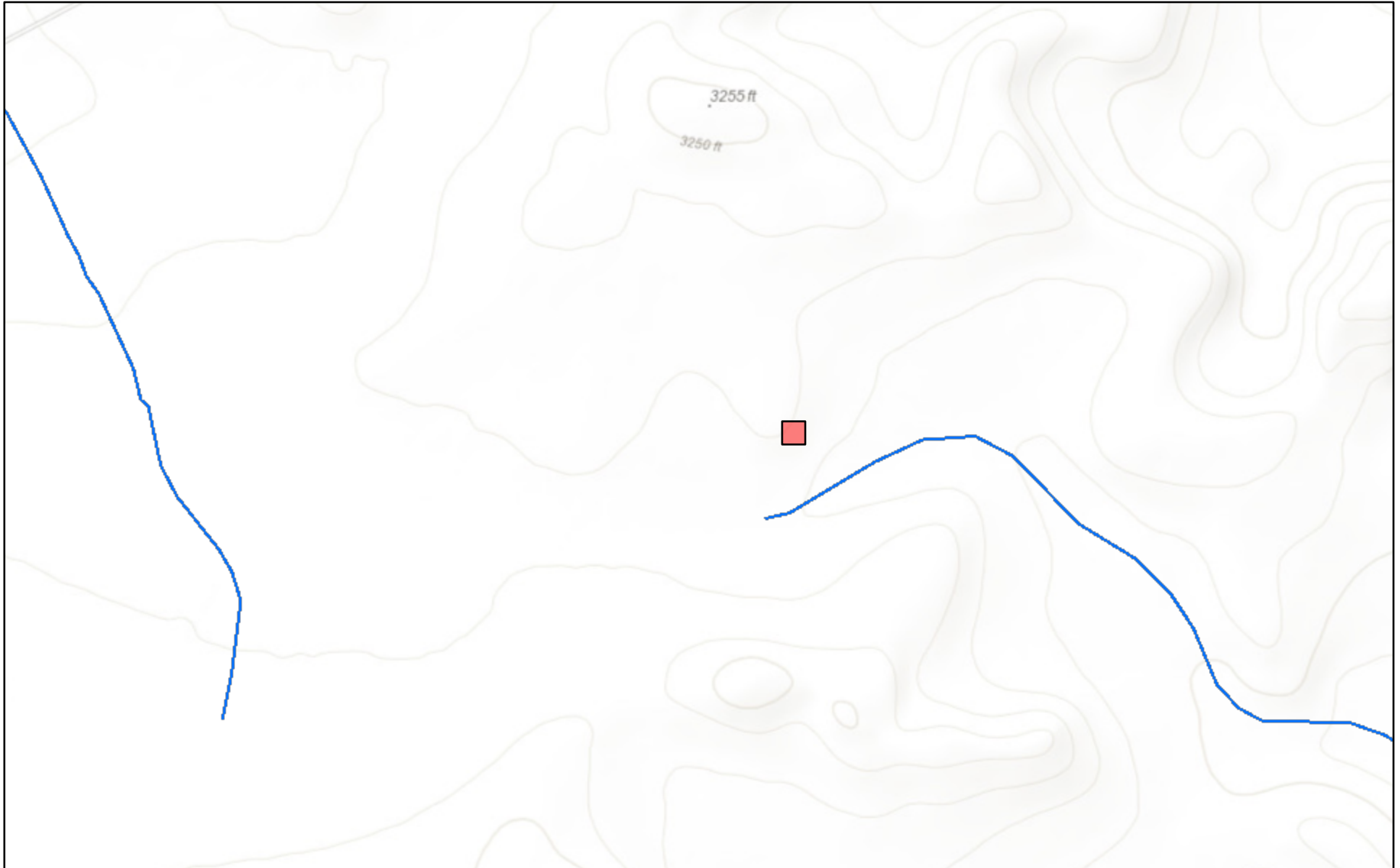
*UTM location was derived from PLSS - see Help

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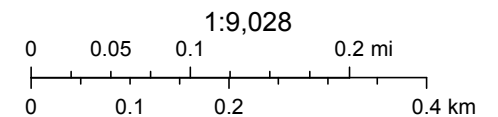
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POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



September 14, 2023



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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

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

CONDITIONS

Action 273785

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 273785
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/16/2023