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	nAPP2321344482
District RP	
Facility ID	
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 32.20598677 Longitude -104.05095012
(NAD 83 in decimal degrees to 5 decimal places)

Site Name FIDDLE FEE 23 X #001H	Site Type Oil & Gas Facility
Date Release Discovered: 7/31/2023	API# *(if applicable) 30-015-44094*

Unit Letter	Section	Township	Range	County
H	23	24S	28E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 790	Volume Recovered (bbls) 790
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
A water transfer pump failure resulted in a major release of produced water within the lined, secondary containment that was reported to us by an operator. The pump was isolated for inspection and repair and all standing fluid was recovered over the course of the afternoon/evening.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2321344482
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ 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)? 8/1/2023 NOR	

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.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date: 8/3/2023

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

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2321344482
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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: 9/6/2023

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

OCD Only

Received by: Shelly Wells Date: 9/6/2023

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: 10/4/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

Sanjari, Melodie (MRO)

From: Sanjari, Melodie (MRO)
Sent: Thursday, August 3, 2023 11:34 AM
To: Enviro, OCD, EMNRD
Subject: Marathon Oil Company - 48 Hour Notice - nAPP2321344482

Good Morning,

Please let this email serve as the required 48 hour notice for a liner integrity inspection to take place at the Fiddle Fee 23 X 1H facility to close out incident nAPP2321344482, this coming Monday, August 7th.

Thank you

Melodie Sanjari
Environmental Professional
Permian & Oklahoma
575-988-8753

Total Environmental Awareness at Marathon

Liner Integrity Inspection (Photos Attached)

Date: 8/7

Facility: Fiddle Fee 23 X 1H

48 Hour Notification Given On: 8/3

Responsible party has visually inspected the liner (Y/N)

Liner remains intact (Y/N)

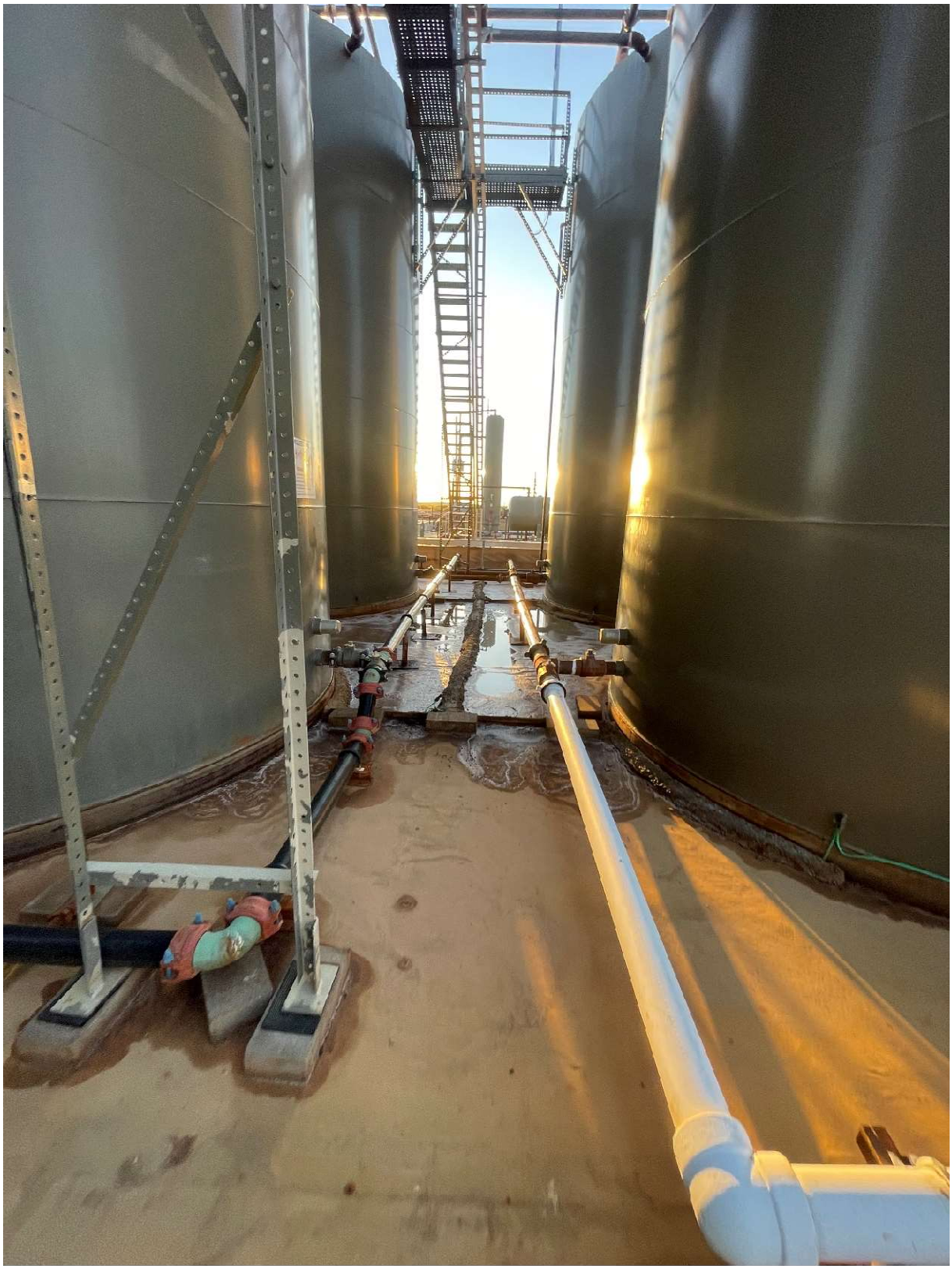
Liner had the ability to contain the leak in question: (Y/N)

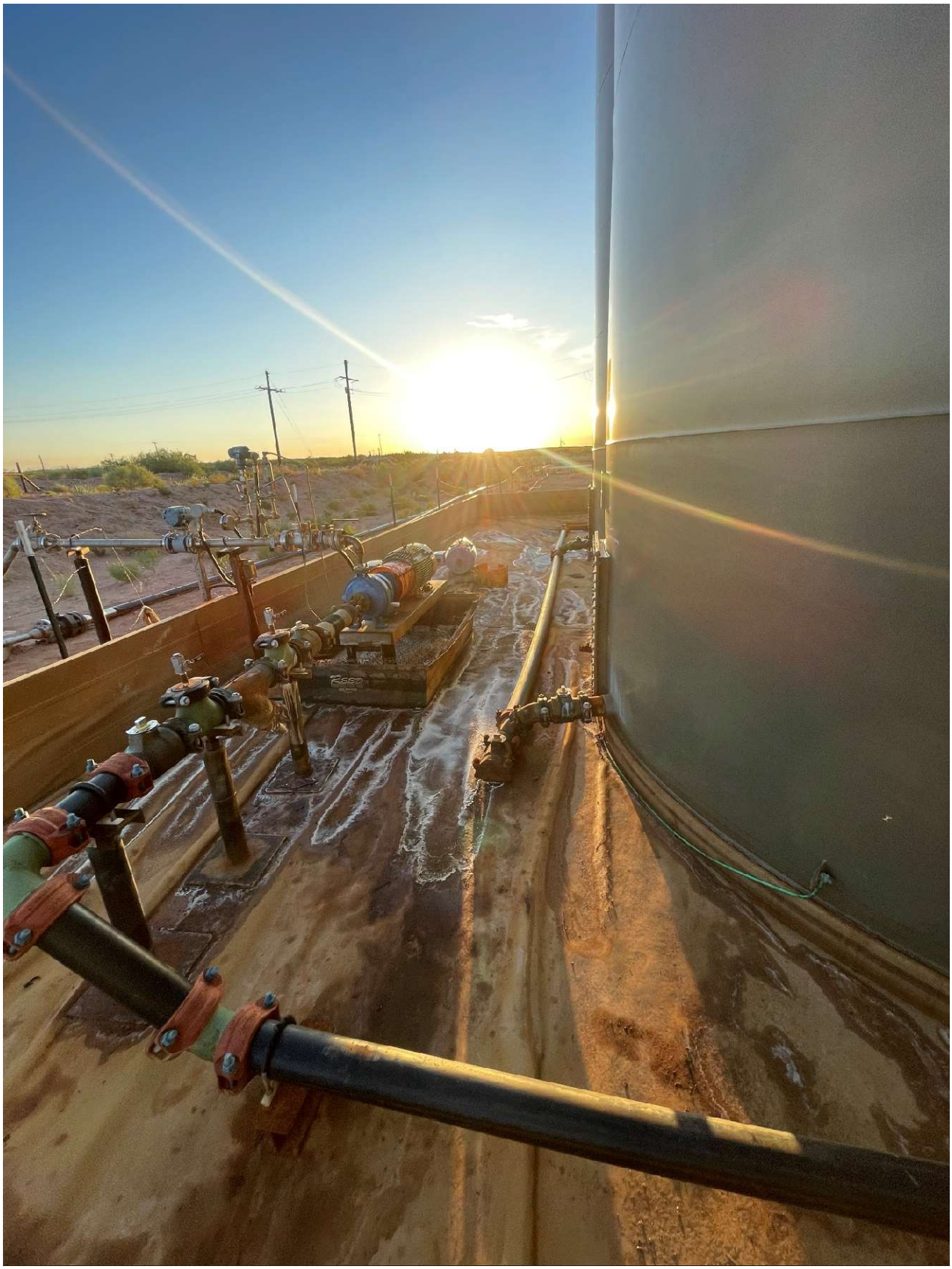
Notes:

• Containment floor a bit uneven but no rips/tears/failures.

Company Representative(s)

Melodie Sanjari





SECONDARY CONTAINMENT MAP MARATHON OIL COMPANY FIDDLE FEE 23 X #001H EDDY COUNTY, NEW MEXICO 32.20598677°, -104.05095012°	CARMONA RESOURCES	FIGURE 1

Nearest Water Well

Marathon Oil Permian LLC

Medium Karst

Marathon Oil Permian LLC

Legend

- Fiddle Fee 23X 1H (07.31.2023)
- High
- Medium

745
744
720
Black River Village Rd
720
720
716
746
721
285
285
Fiddle Fee 23X 1H (07.31.2023)
N
1 mi
Google Earth

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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03833 POD1		C	ED	2	1	2	26	24S	28E	589014	3562545	1196	96	55	41
C 02057		C	ED		1	4	14	24S	28E	588956	3564774*	1213	126	52	74
C 04180 POD1		CUB	ED	2	1	2	26	24S	28E	589055	3562502	1222	160	58	102
C 00353	C	CUB	ED		3	4	13	24S	28E	590603	3564367*	1357	2726		
C 04263 POD1		CUB	ED	3	1	1	23	24S	28E	588026	3563915	1439	390	370	20
C 04026 POD1		CUB	ED	3	2	1	25	24S	28E	590148	3562290	1542	190	90	100
C 04294 POD1		CUB	ED	4	3	3	23	24S	28E	588169	3562646	1629	60		
C 04151 POD1		CUB	ED	4	2	1	26	24S	28E	588584	3562192	1702	280	65	215
C 00354	C	CUB	ED		4	4	13	24S	28E	591005	3564367*	1713	2739		
C 04222 POD2		CUB	ED	1	2	4	22	24S	28E	587707	3563255	1782	100	40	60
C 04181 POD2		C	ED	3	2	1	26	24S	28E	588393	3562212	1789	80	56	24
C 04181 POD1		CUB	ED	3	2	1	26	24S	28E	588450	3562146	1811	280	56	224
C 00738		CUB	ED	3	1	1	13	24S	28E	589673	3565472*	1824	125	12	113
C 03423		CUB	ED	2	4	1	26	24S	28E	588786	3561952	1831	126		
C 03358 POD1		CUB	ED	1	4	1	26	24S	28E	588416	3562116	1856	135		
C 00750		CUB	ED	1	2	4	13	24S	28E	590898	3564871*	1891	110		
C 03986 POD1		CUB	ED	3	4	2	22	24S	28E	587505	3563502	1944	170	120	50
C 00903		C	ED		2	1	13	24S	28E	590178	3565575*	2049	57	30	27
C 00464		CUB	ED	2	2	1	13	24S	28E	590277	3565674*	2178	111	28	83
C 03132		C	ED	1	2	4	15	24S	28E	587616	3564877*	2194	90	19	71
C 02244		C	LE	3	1	2	22	24S	28E	587224	3563865*	2228	260		
C 00349	C	CUB	ED		1	3	18	24S	29E	591401	3564773*	2251	2734		
C 00329		C	ED	2	1	2	13	24S	28E	590682	3565677*	2365	95	30	65
C 00684		CUB	ED	2	1	2	13	24S	28E	590682	3565677*	2365	95	40	55
C 01154		C	ED	2	1	2	13	24S	28E	590682	3565677*	2365	95	50	45
C 00574		CUB	ED	2	4	4	11	24S	28E	589452	3566081*	2419	200	20	180

***UTM location was derived from PLSS - see Help**

(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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 00346		C	ED		2	2	15	24S	28E	587715	3565591*	2589	90	32	58
C 02524 POD2		C	ED	2	2	2	15	24S	28E	587814	3565690*	2601	90	11	79
C 00618		C	ED	3	4	4	12	24S	28E	590880	3565885*	2647	80	40	40
C 04383 POD1		CUB	ED	4	1	2	15	24S	28E	587389	3565499	2755	34	19	15
C 00983		C	ED	4	4	4	12	24S	28E	591080	3565885*	2760	92	40	52
C 04382 POD1		CUB	ED	2	1	2	15	24S	28E	587401	3565647	2848	48	35	13
C 00488		C	ED	2	1	2	15	24S	28E	587412	3565688*	2868	64	8	56
C 01747		CUB	ED				12	24S	28E	590367	3566577*	3057	176	139	37
C 01082		CUB	ED	3	3	2	11	24S	28E	588832	3566693*	3091	120		
C 00890		CUB	ED	3	3	4	10	24S	28E	587211	3565897*	3158	50		
C 02713		CUB	ED	4	4	1	16	24S	29E	591633	3565944	3163	230	18	212
C 00381	C	CUB	ED	3	2	3	07	24S	29E	591682	3566297*	3457	2797		
C 00857		CUB	ED	3	1	4	30	24S	29E	592135	3561440*	3490	306		
C 00856		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	3694	380		
C 00862		CUB	ED	1	2	4	30	24S	29E	592538	3561644*	3694	155		
C 00962		C	ED		3	3	10	24S	28E	586505	3565992*	3749	63	9	54
C 03862 POD5		CUB	ED	4	3	3	01	24S	28E	589785	3567458	3812	17	10	7
C 02836		C	ED	2	2	2	16	24S	28E	586203	3565676*	3814		15	
C 03862 POD4		CUB	ED	3	3	3	01	24S	28E	589705	3567490	3837	30	10	20
C 03862 POD3		CUB	ED	3	3	3	01	24S	28E	589685	3567500	3846	60	10	50
C 04025 POD1		CUB	ED	4	3	3	27	24S	28E	586700	3560964	3847	190	90	100
C 03862 POD1		CUB	ED	3	3	3	01	24S	28E	589672	3567505	3850	17	10	7
C 03862 POD2		CUB	ED	3	3	3	01	24S	28E	589665	3567507	3851	30	10	20
C 04222 POD1		CUB	ED	1	3	3	27	24S	28E	586406	3561228	3891	140	35	105

***UTM location was derived from PLSS - see Help**

Average Depth to Water: **48 feet**

Minimum Depth: **8 feet**

Maximum Depth: **370 feet**

Record Count: 50

UTMNAD83 Radius Search (in meters):

Easting (X): 589443 **Northing (Y):** 3563662 **Radius:** 4000

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 03833 POD1	2	1	2	26	24S	28E	589014	3562545

Driller License:	1229	**Driller Company:**	CARTER'S WELL DRILLING		
Driller Name:	CARTER, RICHARD M				
Drill Start Date:	02/19/2015	**Drill Finish Date:**	03/06/2015	**Plug Date:**	
Log File Date:	03/23/2015	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	450 GPM
Casing Size:	6.00	**Depth Well:**	96 feet	**Depth Water:**	55 feet

Water Bearing Stratifications:	Top	Bottom	Description
	55	96	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	56	96

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
NA	C 04180 POD1	2	1	2	26	24S	28E	589055	3562502

Driller License:	1706	**Driller Company:**	ELITE DRILLERS CORPORATION		
Driller Name:	WALLACE, BRYCE J.				
Drill Start Date:	01/08/2018	**Drill Finish Date:**	01/10/2018	**Plug Date:**	
Log File Date:	01/31/2018	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	100 GPM
Casing Size:	9.00	**Depth Well:**	160 feet	**Depth Water:**	58 feet

Water Bearing Stratifications:	Top	Bottom	Description
	20	100	Limestone/Dolomite/Chalk
	100	160	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	40	160

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
NA	C 04263 POD1	3	1	1	23	24S	28E	588026	3563915

Driller License:	1690	**Driller Company:**	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	09/12/2018	**Drill Finish Date:**	09/13/2018	**Plug Date:**	
Log File Date:	10/04/2018	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	300 GPM
Casing Size:	8.00	**Depth Well:**	390 feet	**Depth Water:**	370 feet

Water Bearing Stratifications:	Top	Bottom	Description
	350	390	Other/Unknown

Casing Perforations:	Top	Bottom
	290	390

New Mexico Office of the State Engineer

Point of Diversion Summary

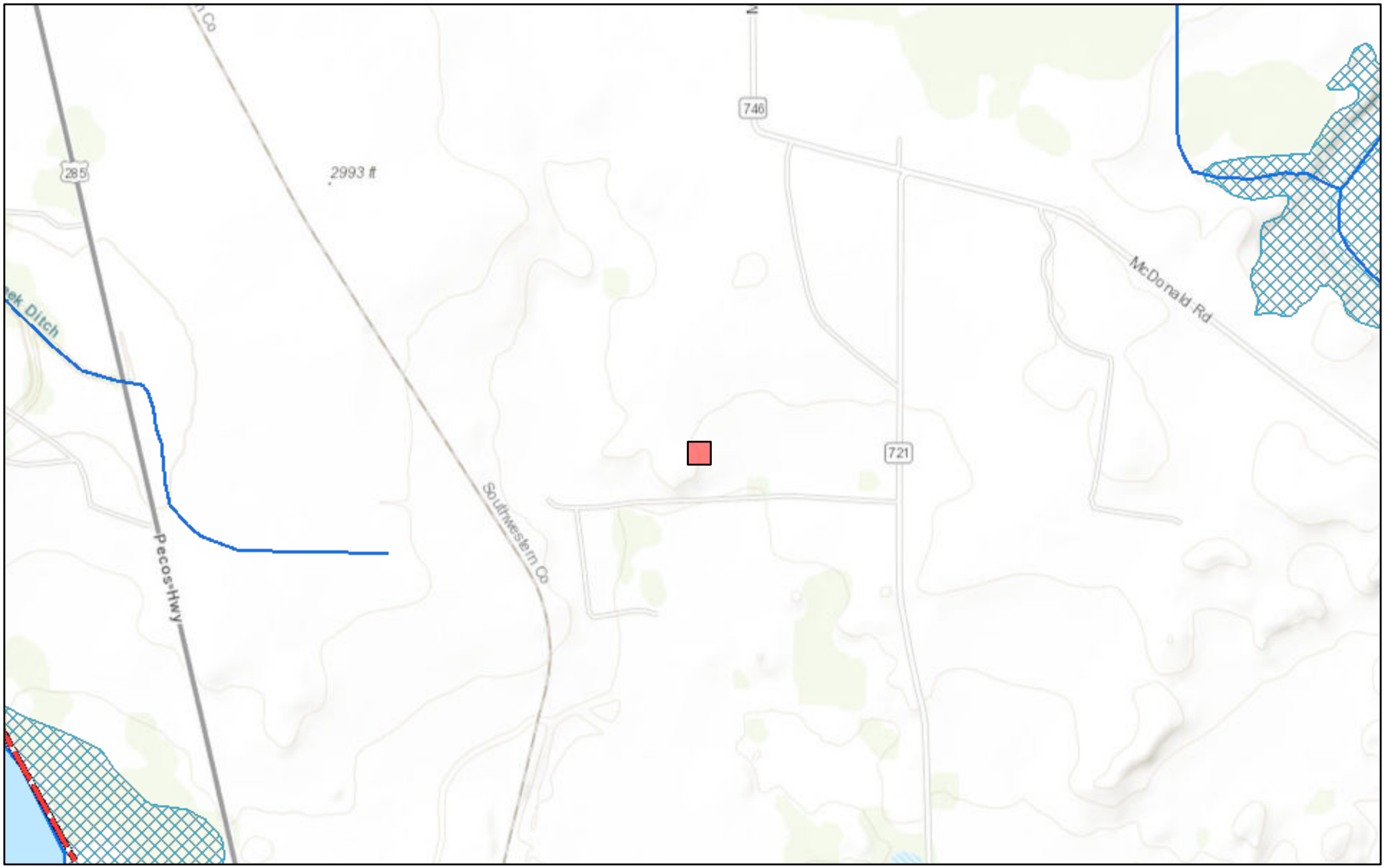
		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	**POD Number**	**Q64**	**Q16**	**Q4**	**Sec**	**Tws**	**Rng**	**X**	**Y**
	C 04026 POD1	3	2	1	25	24S	28E	590148	3562290

Driller License:	331	**Driller Company:**	SBQ2, LLC DBA STEWART BROTHERS DRILLING CO.		
Driller Name:					
Drill Start Date:	04/25/2017	**Drill Finish Date:**	04/26/2017	**Plug Date:**	
Log File Date:	05/16/2017	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	8.60	**Depth Well:**	190 feet	**Depth Water:**	90 feet

Water Bearing Stratifications:	**Top**	**Bottom**	**Description**
	120	190	Sandstone/Gravel/Conglomerate

Casing Perforations:	**Top**	**Bottom**
	88	190

New Mexico NFHL Data



September 14, 2023

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

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 262812

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 262812
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/4/2023