

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	nAPP2324949642
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: 9/6/2023	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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 7.9	Volume Recovered (bbls) 7.9
	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

A water transfer pump failure resulted in a 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 during containment pressure washing

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" 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)? 9/6/2023 NOR	

Initial Response

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

<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: 9/6/2023
email: <u>msanjari@marathonoil.com</u>	Telephone: <u>575-988-8753</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	nAPP2324949642
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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: 10/13/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

Sanjari, Melodie (MRO)

From: Sanjari, Melodie (MRO)
Sent: Thursday, September 21, 2023 12:57 PM
To: OCDOnline@state.nm.us; Enviro, OCD, EMNRD
Subject: Marathon Oil Company - Liner Inspection Notification - nAPP2324949642

Good Afternoon,

Please let this email serve as the required notification of a liner integrity inspection the close out incident nAPP2324949642. Inspection is to take place on this coming Monday the 25th.

Thank you

Melodie Sanjari

Environmental Professional
Permian & Oklahoma
575-988-8753



Liner Integrity Inspection (Photos Attached)

Date: 9/25

Facility: Fiddle Fee IH

48 Hour Notification Given On: 9/21

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:

° no failures noted
° no rips or tears
° pressure washed post release.

Company Representative(s)

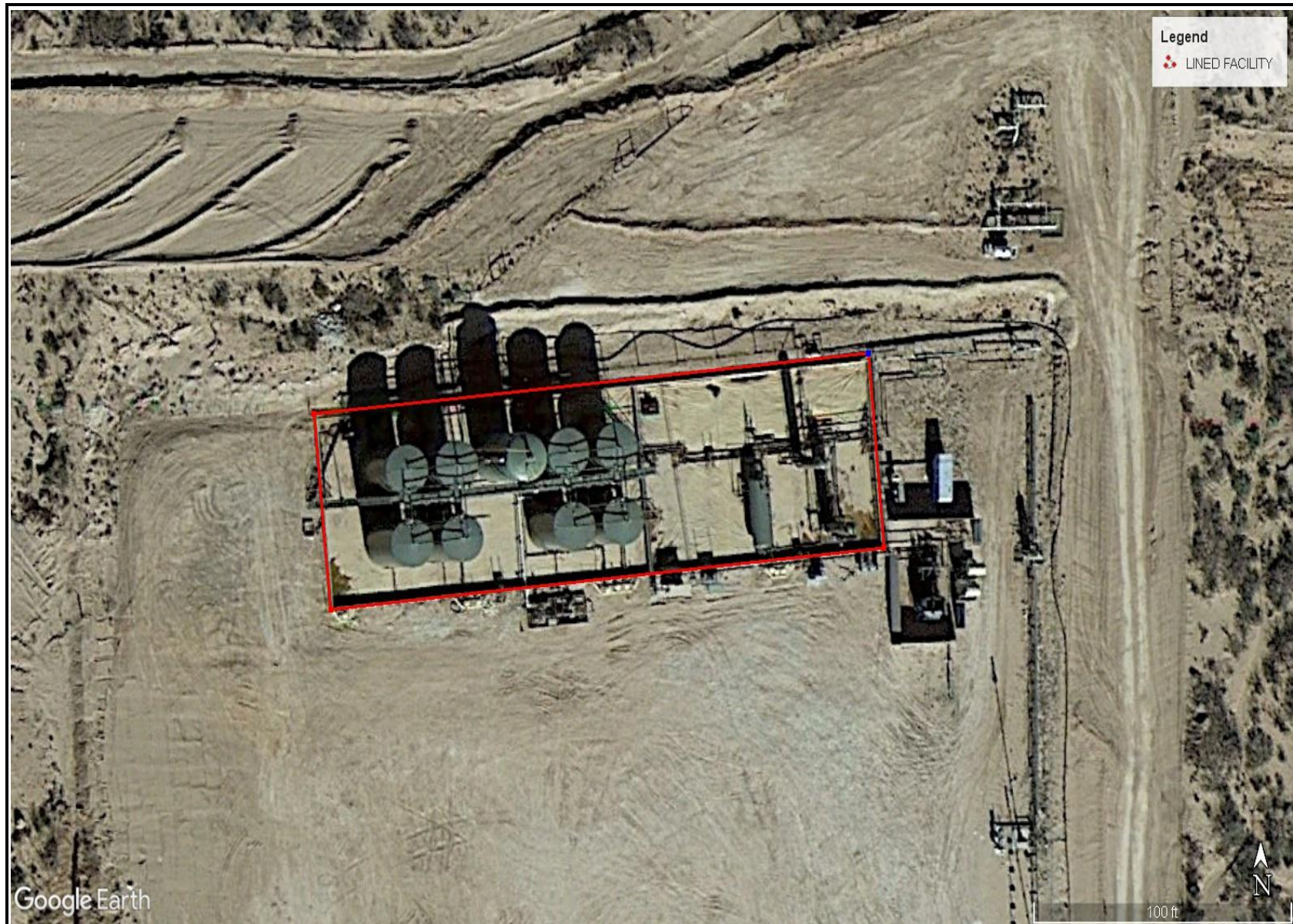
M Sanjari
Melodie Sanjari











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



FIGURE 1

Nearest water well

Marathon Oil Permian LLC

Legend

- 0.50 Mile Radius
- 0.74 Miles
- 0.76 Miles
- 0.90 Miles
- 0.96 Miles
- Fiddle Fee 23X 1H (07.31.2023)
- NMSEO Water Well



3000 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-basin		County	Q Q Q						Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
	Code	basin		64	16	4	Sec	Tws								
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 Sub-Code	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

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.

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
x									
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 Rev Date:				Source: Shallow	
Pump Type:				Pipe Discharge Size:				Estimated Yield: 450 GPM	
Casing Size:		6.00		Depth Well:		96 feet		Depth Water: 55 feet	
x									
Water Bearing Stratifications:				Top	Bottom	Description			
				55	96	Limestone/Dolomite/Chalk			
x									
Casing Perforations:				Top	Bottom				
				56	96				
x									

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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 Rev 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

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9/14/23 1:14 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
NA	C 04263 POD1	3	1	1	23	24S	28E	588026	3563915

x

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 Rev Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

300 GPM

Casing Size:

8.00

Depth Well:

390 feet

Depth Water:

370 feet

x

Water Bearing Stratifications:

Top

Bottom

Description

350

390

Other/Unknown

x

Casing Perforations:

Top

Bottom

290

390

x

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9/14/23 1:15 PM

POINT OF DIVERSION SUMMARY

nmwrrs.ose.state.nm.us/nmwrrs/ReportDispatcher?type=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=C&nbr=04263&suffix=POD1

Released to Imaging: 10/13/2023 4:44:08 PM

1/1



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 Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 8.60

Depth Well: 190 feet

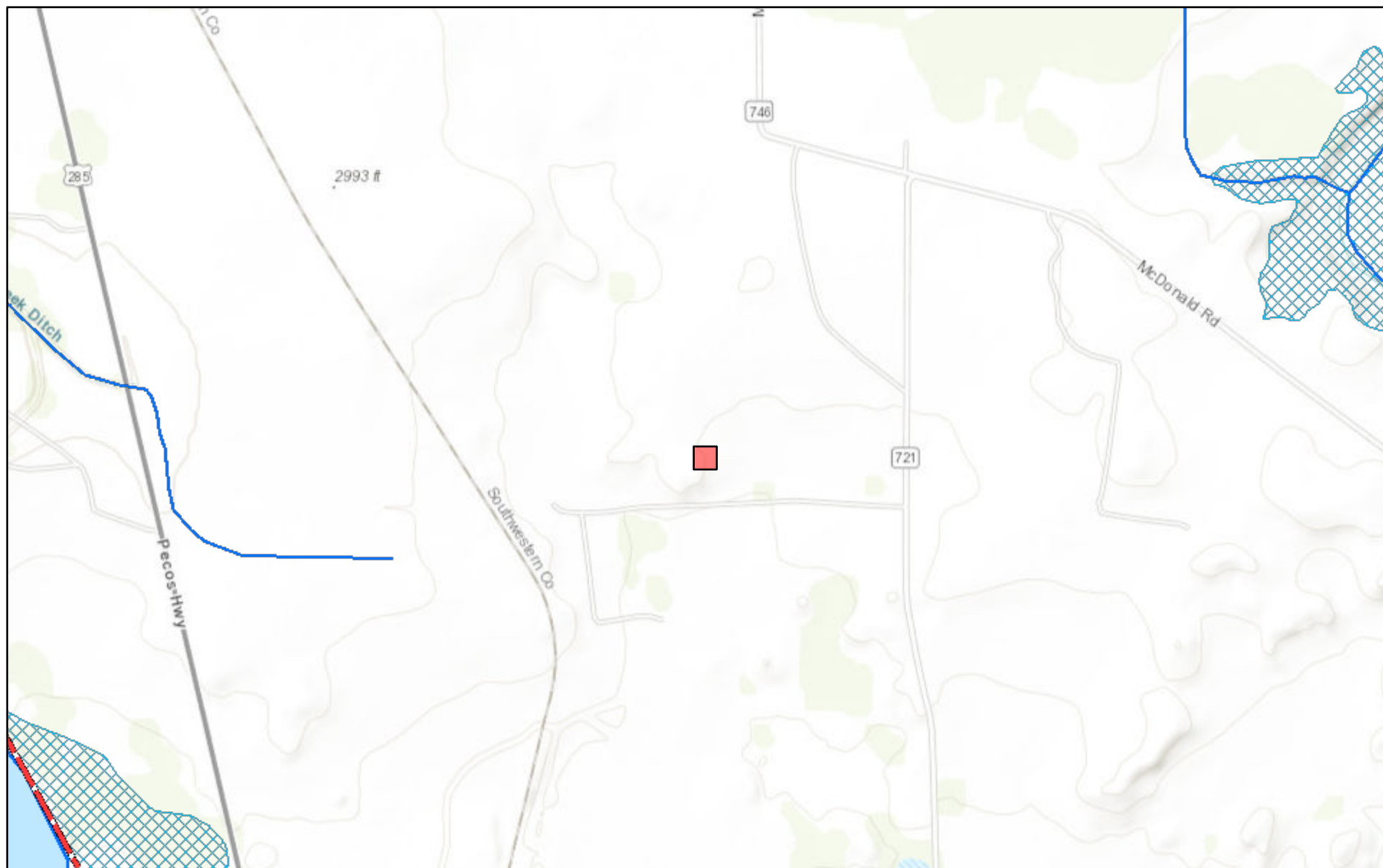
Depth Water: 90 feet

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

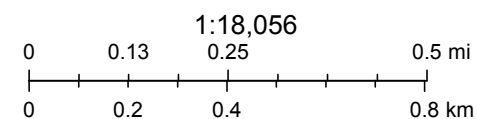
Casing Perforations:	Top	Bottom
	88	190

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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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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 273771

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 273771
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	10/13/2023