

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	NAPP2315827454
District RP	
Facility ID	fAPP2125250387
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 32.2117803 Longitude -103.4597052
(NAD 83 in decimal degrees to 5 decimal places)

Site Name FLOWMASTER FEE 367 TB	Site Type Oil & Gas Facility
Date Release Discovered: 6/6/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	15	24S	34E	Lea

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 140	Volume Recovered (bbls) 140
	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

Pinhole in the vessel of the Flowmaster 14H separator resulted in the release of produced water and oil within the lined secondary containment. The vessel was isolated and drained for repairs and the facility shut in. All standing fluid was recovered from within the lined, secondary containment. A notice will be sent out prior to a liner integrity inspection.

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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 submitted 6/6/2023	

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: 6/12/2023
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: 7/14/2023

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

OCD Only

Received by: Shelly Wells Date: 7/14/2023

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: Monday, June 19, 2023 7:18 AM
To: Enviro, OCD, EMNRD
Subject: Marathon Oil Company - 48 Hour Notification - nAPP2315827454

Good Morning,

Please let this email serve as the required notification ahead of a liner integrity inspection. The onsite will take place next Wednesday, June 28th at the Flowmaster 2H 14H 15H facility to close out incident nAPP2315827454.

Thank you.

Melodie Sanjari

Environmental Professional
Permian & Oklahoma
575-988-8753



Liner Integrity Inspection (Photos Attached)

Date: 6/28/2023

Facility: Flowmaster 2H 14H 15H

48 Hour Notification Given On: 6/19/2023

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
° wind blown sand
° no rips, tears, failures noted in liner or containment.
° facility pressure washed.

Company Representative(s)

M. Sanjari

Melodie Sanjari


















Nearest water well


Marathon Oil Permian LLC


Legend

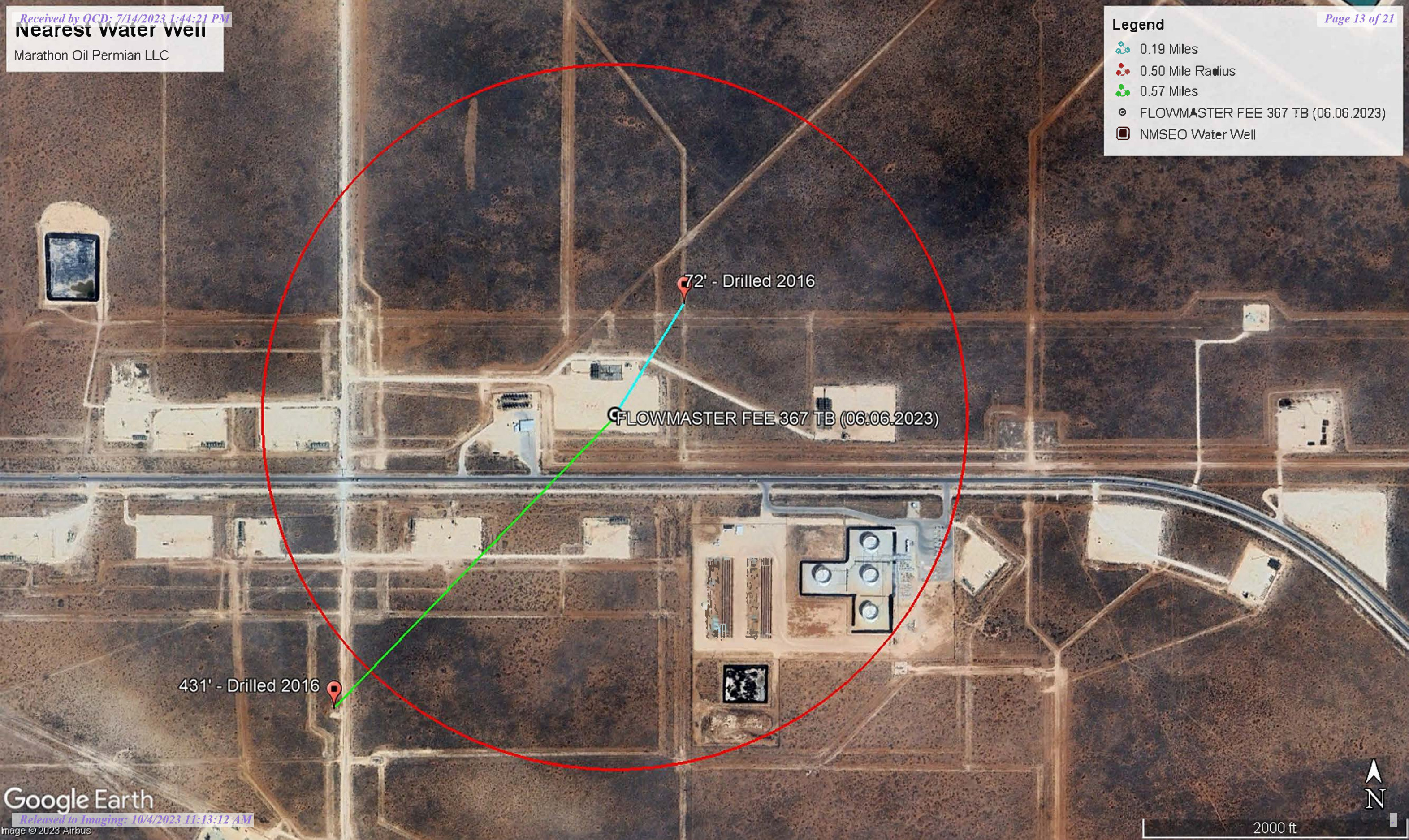
 0.19 Miles

 0.50 Mile Radius

 0.57 Miles

 FLOWMASTER FEE 367 TB (06.06.2023)

 NMSEO Water Well



Low Karst

Marathon Oil Permian LLC

Legend

- FLOWMASTER FEE 367 TB (06.06.2023)
- Low

FLOWMASTER FEE 367 TB (06.06.2023)

Google Earth

Image © 2023 Airbus

Image Landsat / Copernicus

Image © 2023 Maxar Technologies

Released to Imaging: 10/4/2023 11:13:12 AM

Image © 2023 CNES / Airbus



4 mi



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	basin	County	Q Q Q						X	Y	Distance	Depth Well	Depth Water	Water Column	
	Sub-Code			64	16	4	Sec	Tws	Rng							
C 03932 POD13	CUB	LE	4	2	3	15	24S	34E	645314	3565203		296	90			
C 03943 POD1	CUB	LE	2	4	2	21	24S	34E	644523	3564266		935	610	431	179	
P 04400 POD2	P	RO	4	2	1	21	01S	33E	642775	3565051		2387	95			
C 02387	CUB	LE				1	11	24S	34E	646513	3567613*		2986	62	40	22
C 04737 POD1	CUB	LE	1	3	3	24	24S	34E	647828	3563471		3050	250			
C 04458 POD1	CUB	LE	4	1	1	20	24S	34E	641549	3564532		3635			0	

Average Depth to Water: **157 feet**

Minimum Depth: **0 feet**

Maximum Depth: **431 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 645161

Northing (Y): 3564950

Radius: 4000

*UTM location was derived from PLSS - see Help

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

9/17/23 2:15 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

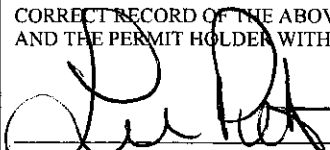
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) S8-BH-03				OSE FILE NUMBER(S) C 03932				
	WELL OWNER NAME(S) Bryce Krager % Parkhill, Smith & Cooper Attention: R.H. Holder				PHONE (OPTIONAL)				
	WELL OWNER MAILING ADDRESS 4222 85th Street				CITY Lubbock		STATE Texas		
					ZIP 79423				
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 13	SECONDS 43.3 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND				
	LONGITUDE 103	30	8.3 W	* DATUM REQUIRED: WGS 84					
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW 1/4 of SE 1/4 of NE 1/4 of SE 1/4 of Section 15, Township 24S, Range 34E									
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1222		NAME OF LICENSED DRILLER Lee Peterson			NAME OF WELL DRILLING COMPANY Peterson Drilling & Testing, Inc.			
	DRILLING STARTED 02/08/16		DRILLING ENDED 02/09/16		DEPTH OF COMPLETED WELL (FT)		BORE HOLE DEPTH (FT) 72'		
							DEPTH WATER FIRST ENCOUNTERED (FT)		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)							STATIC WATER LEVEL IN COMPLETED WELL (FT)	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:								
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:								
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)		CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)		METHOD OF PLACEMENT	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 10/29/15)

FILE NUMBER C-3932	POD NUMBER 8	TRN NUMBER 581433
LOCATION EXPL		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	7	7	Light Reddish Brown Fine Sand	Y ✓ N	
	7	17	10	Tannish White to Light Reddish Brown Caliche With Fine Sand	Y ✓ N	
	17	25	8	Tan-White Caliche	Y ✓ N	
	25	30	5	Light Reddish Brown Sand	Y ✓ N	
	30	32	2	Light Reddish Brown Sand	Y ✓ N	
	32	40	8	Light Tan to White Sand	Y ✓ N	
	40	45	5	Light Reddish Brown Sand with Sandstone Pebbles	Y ✓ N	
	45	48	3	Light Reddish Brown Sand with Caliche	Y ✓ N	
	48	50	2	Light Reddish Brown Sand	Y ✓ N	
	50	54	4	Light Reddish Brown Sand with Caliche	Y ✓ N	
	54	60	6	Red Sand	Y ✓ N	
	60	61	1	Light Reddish Brown Sandy Gravel	Y ✓ N	
	61	75	14	Dark Reddish brown Silty Clayey Sand	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Boring location drilled only as a soil boring and plugged after completion per well plugging plan.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:  <u>LEE PETERSON</u> SIGNATURE OF DRILLER / PRINT SIGNEE NAME					
						<u>2/26/16</u> DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	POD NUMBER	TRN NUMBER
LOCATION		PAGE 2 OF 2

Tom Blaine, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 581433
File Nbr: C 03932
Well File Nbr: C 03932 POD8

Mar. 09, 2016

ROBERT H HOLDER
BRYCE KRAGER
4222 85TH ST
LUBBOCK, TX 79423

Greetings:

The above numbered permit was issued in your name on 01/27/2016.

The Well Record was received in this office on 03/01/2016, stating that it had been completed on 02/09/2016, and was a dry well. The well is to be plugged or capped or otherwise maintained in a manner satisfactory to the State Engineer.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/14/2017.

If you have any questions, please feel free to contact us.

Sincerely,


Deborah Dunaway
(575) 622-6521

drywell



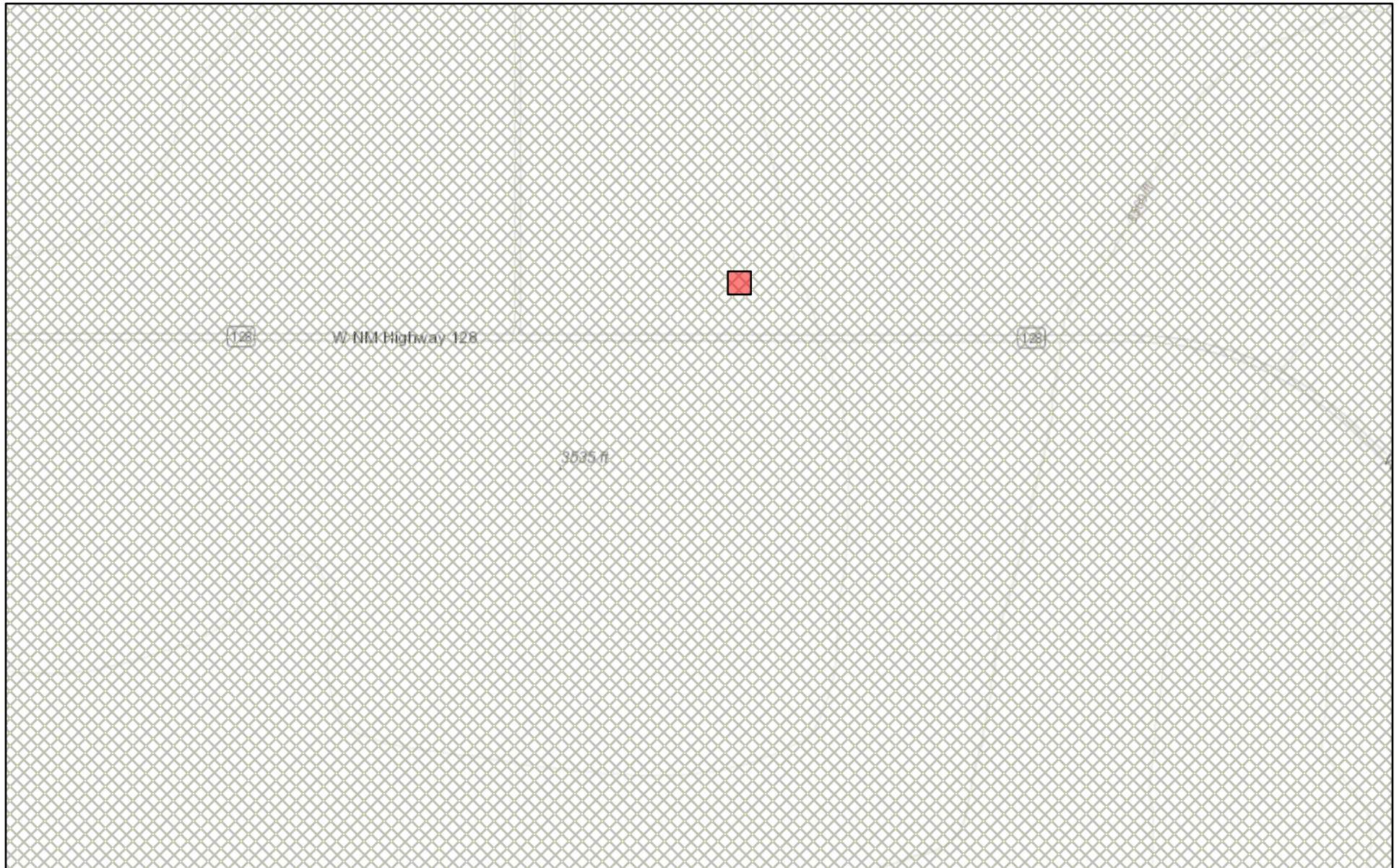
New Mexico Office of the State Engineer

Point of Diversion Summary

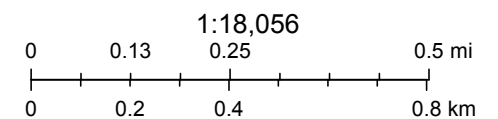
		(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03943 POD1	2	4	2	21	24S	34E	644523	3564266 
x									
Driller License:		1737		Driller Company:		SHADE TREE DRILLING			
Driller Name:		JUSTIN MULLINS							
Drill Start Date:		04/21/2016		Drill Finish Date:		04/24/2016		Plug Date:	
Log File Date:		04/25/2016		PCW Rev Date:				Source:	
Pump Type:				Pipe Discharge Size:				Estimated Yield:	
Casing Size:		6.00		Depth Well:		610 feet		Depth Water:	
								431 feet	
x									
Water Bearing Stratifications:				Top	Bottom	Description			
				39	431	Sandstone/Gravel/Conglomerate			
x									
Casing Perforations:				Top	Bottom				
				420	480				
x									

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

New Mexico NFHL Data



September 17, 2023



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

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 240526

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 240526
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

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