

Additional Information

New Surface Location

6/21/2021

6/21/2021

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico, 87505

Re: Amended Application of Anthem Water Solutions, LLC to permit for saltwater disposal in proposed Armadillo 362528 State SWD 1 well to be location in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico

To Whom it May Concern:

The original application states that the surface location of the Armadillo 362528 State SWD 1 would be 2538 feet from the North line and 386 from the East line, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. The amended location will be 1654 feet from the South line and 250 feet from the East line, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. There are no other changes to the original application.

Enclosed is an amended for C-102 showing the correct footage call for the surface location along with the correct maps required for the C-108. This amendment is being made to satisfy concerns by EOG Resources, Inc. "EOG". Their concerns have been addressed and EOG Resources, Inc. "EOG" has agreed to waived objections to this well given this change of location.

This change in location will not affect any other part of the application. The new AOR does not include and wells that were not addressed originally. Further, no additional adjacent operators were identified after the move, so no additional notifications are required. All other attachments to the original C-108 have not changed. The surface owner is New Mexico State Land Office, Anthem is copying them on this letter, so they are aware of the new location.

If you or your staff have any questions or require additional information, please do not hesitate to contact me.

Best Regards,



Marshall Tippen
Anthem Water Solutions, LLC
Director of Business Development and Engineering
(972) 795-4201
mtippen@anthemwsllc.com

CC: New Mexico State Land Office, 310 Old Santa Fe Trail, Santa Fe, NM 87501

Attachments Table of Content:

C-103

New C-102

New Oil & Gas Map

New Oil & Gas Lease Map

New Mineral Ownership Map

New Surface Ownership Map

New Deep SWD Map

New Potash Lease Map

New Fresh Water Map

EOG Correspondence

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-XXXXX
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. N/A
7. Lease Name or Unit Agreement Name Armadillo 362528 State SWD
8. Well Number 1
9. OGRID Number 330069
10. Pool name or Wildcat SWD; Devonian-Silurian

4. Well Location Unit Letter <u>H</u> ; <u>2538</u> feet from the <u>North</u> line and <u>386</u> feet from the <u>East</u> line Section <u>36</u> Township <u>25S</u> Range <u>28E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2937 Ground	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The original application states that the surface location of the Armadillo 362528 State SWD 1 would be 2538 feet from the North line and 386 from the East line, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. The amended location will be 1654 feet from the South line and 250 feet from the East line, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. There are no other changes to the original application. This C-103 form is in reference to C-108 submission ID: 27622.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE Director of Engineering DATE 6/21/2021

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Attachment 1: Form C-102

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-XXXXXX	² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code	⁵ Property Name Armadillo 362528 State SWD	⁶ Well Number 1
⁷ OGRID No. 330069	⁸ Operator Name Anthem Water Solutions, LLC	⁹ Elevation 2937

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	36	25S	28E		1654	South	250	East	Eddy

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

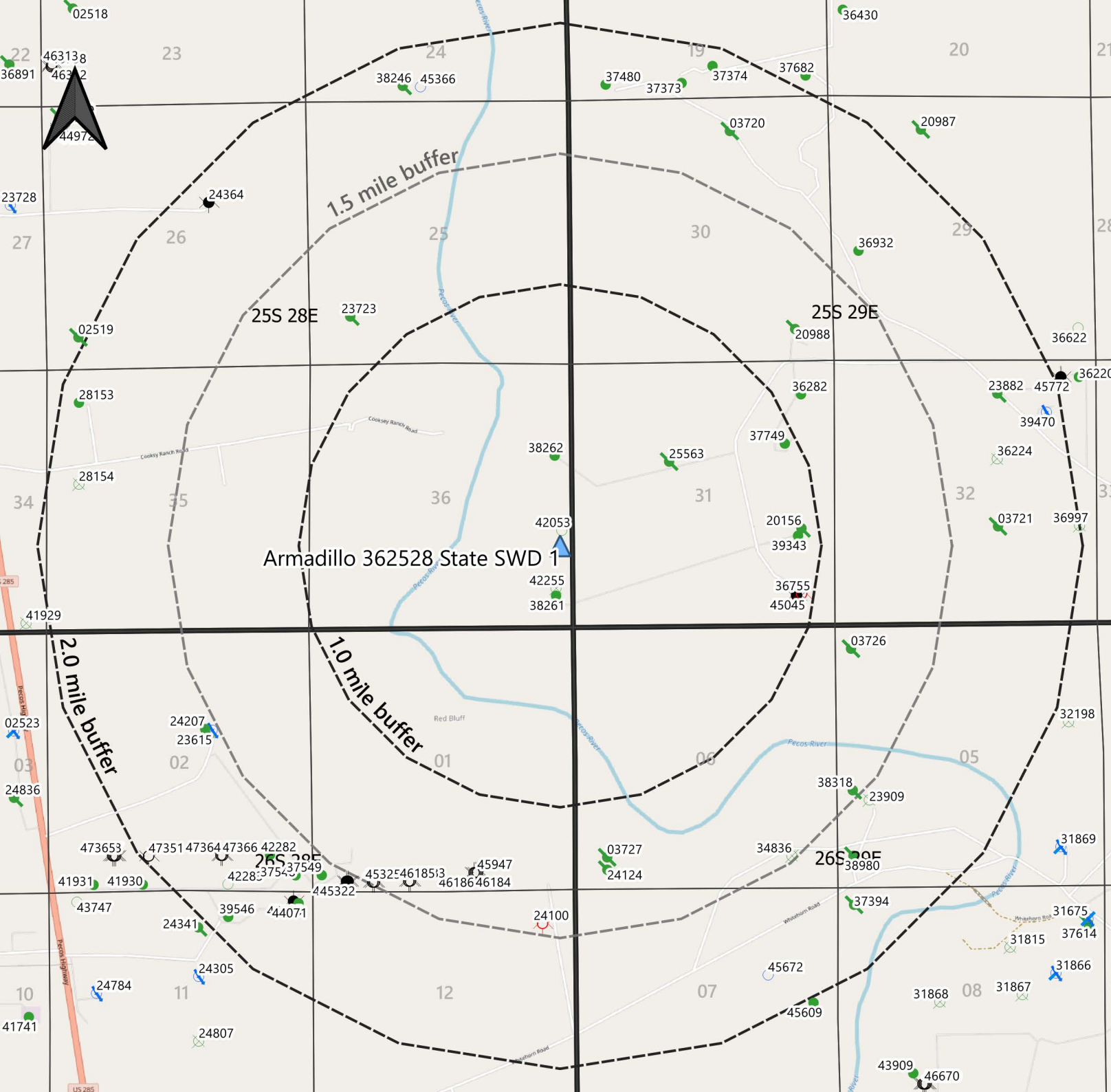
D	C	B	A	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature _____ Date _____ Printed Name _____ E-mail Address _____
E	F	G	H	
GEODETIC DATA NAD 83 GRID – NM EAST				
L	K	J	I	¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey _____ Signature and Seal of Professional Surveyor: _____ PRELIMINARY Certified survey to be conducted and submitted upon C-108 approval Certificate Number _____
M	N	O	P	

250'

1654'

Armadillo 362528 State SWD 1

LAT = 32.08341 N
LONG = -104.03297 W



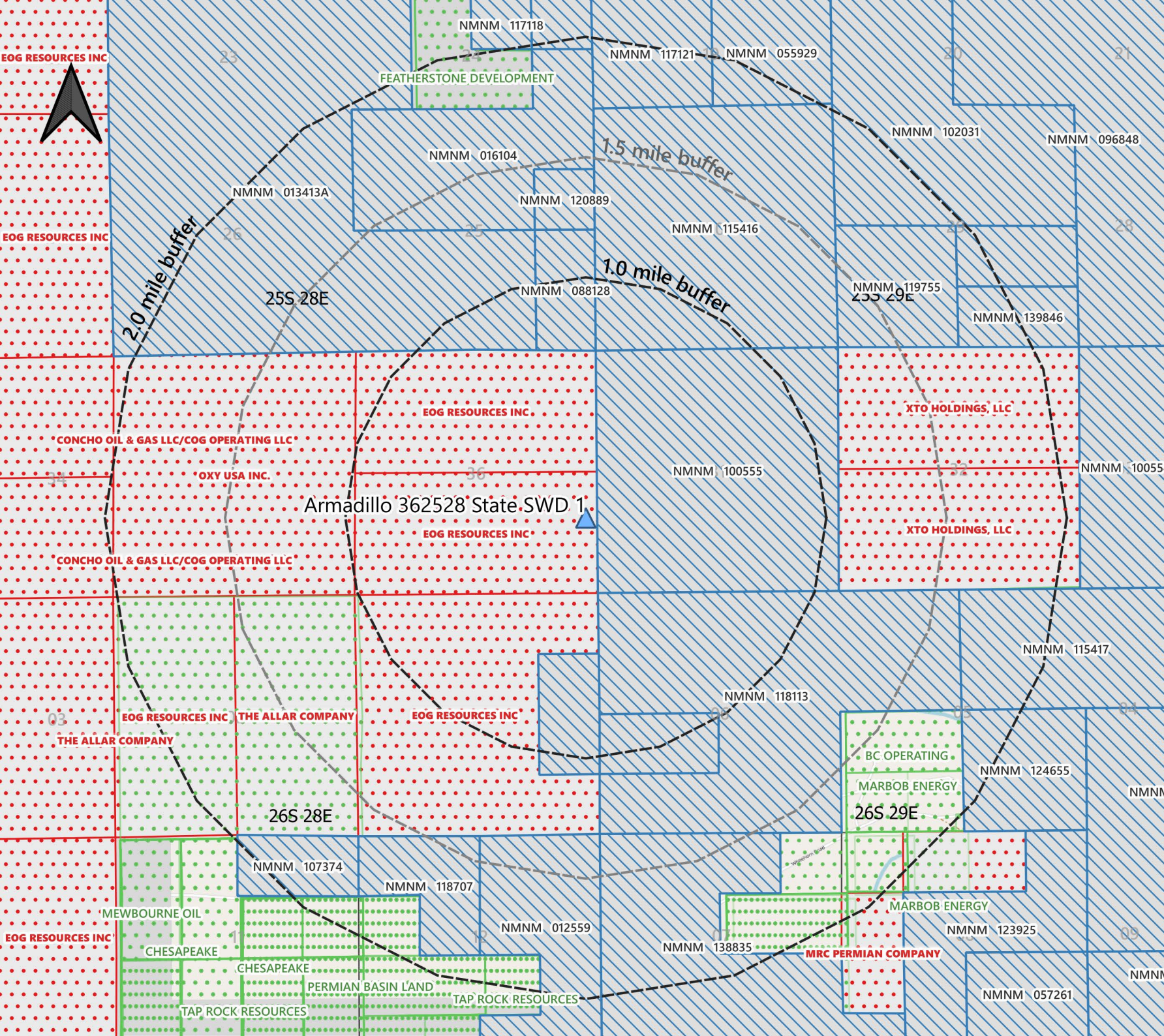
Legend

- Gas, Active
- Gas, New
- Gas, Plugged (site released)
- Oil, Active
- Oil, Cancelled
- Oil, New
- Oil, Plugged (site released)
- Salt Water Disposal, Active
- Salt Water Disposal, New
- Salt Water Disposal, Plugged (site released)




Sec 36 25S 28E
Eddy County
New Mexico

**Offset Well Review
Area of Review**

Armadillo 362528 State
SWD 1



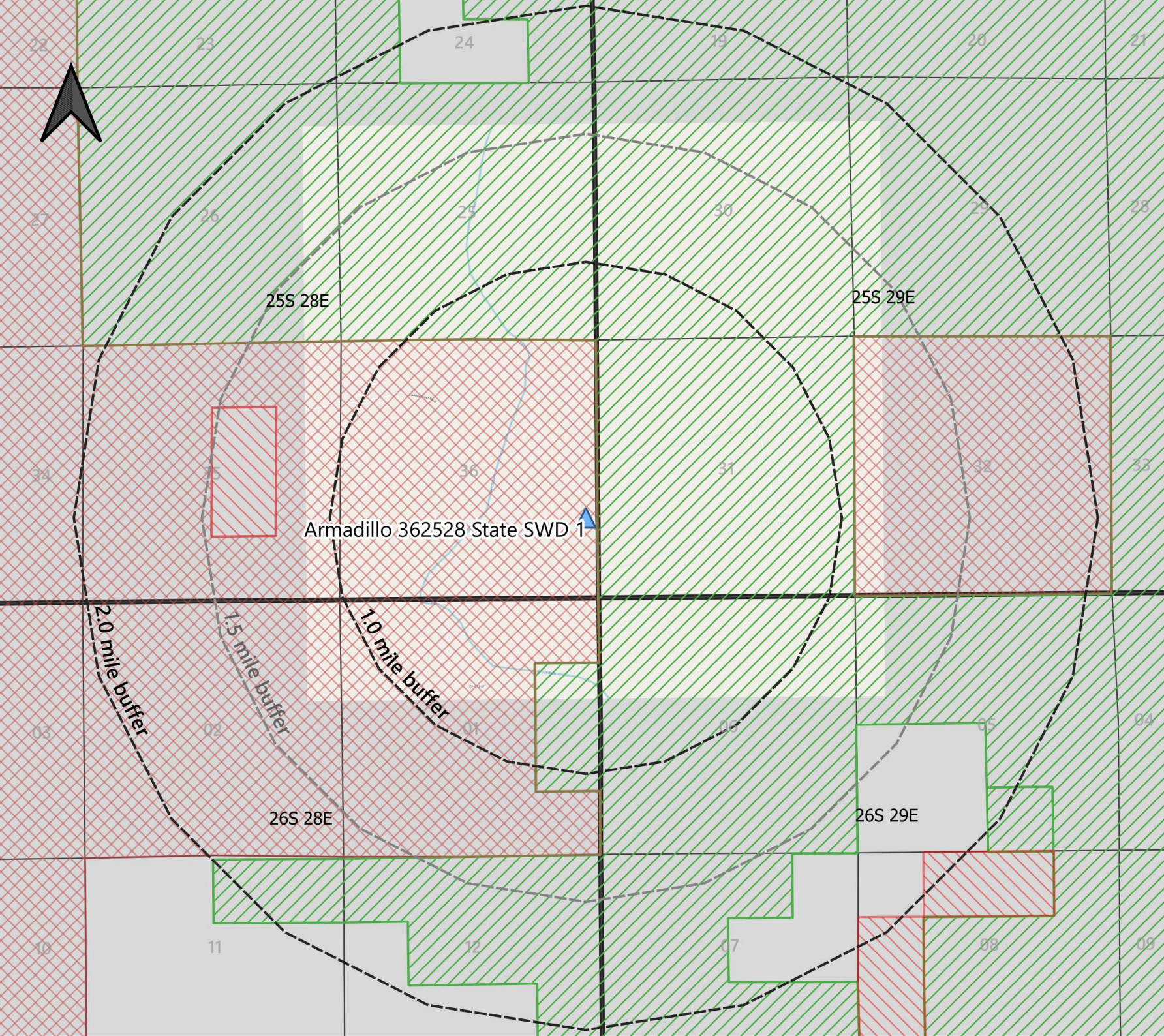
Legend

-  Federal, O&G Leases
-  State, O&G Leases
-  Fee, O&G Leases





Sec 36 25S 28E
Eddy County
New Mexico

**Mineral Leasehold
Area of Review**

Armadillo 362528 State
SWD 1



Legend

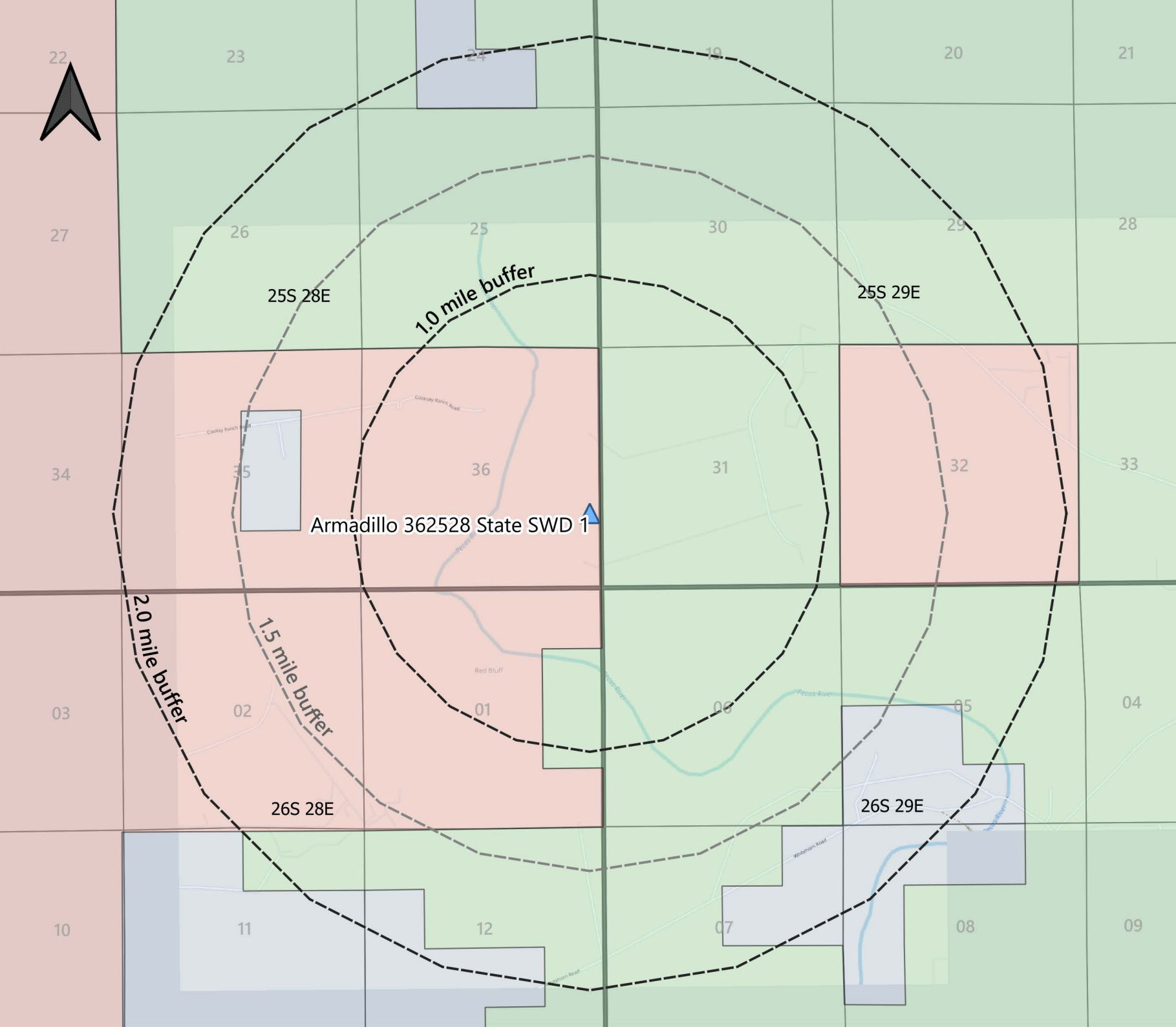
-  BLM Mineral_Ownership
-  State, Subsurface
-  State, Combined
-  Fee, Subsurface

Sec 36 25S 28E
Eddy County
New Mexico

**Mineral Ownership
Area of Review**

Armadillo 362528 State
SWD 1

01/25/2021



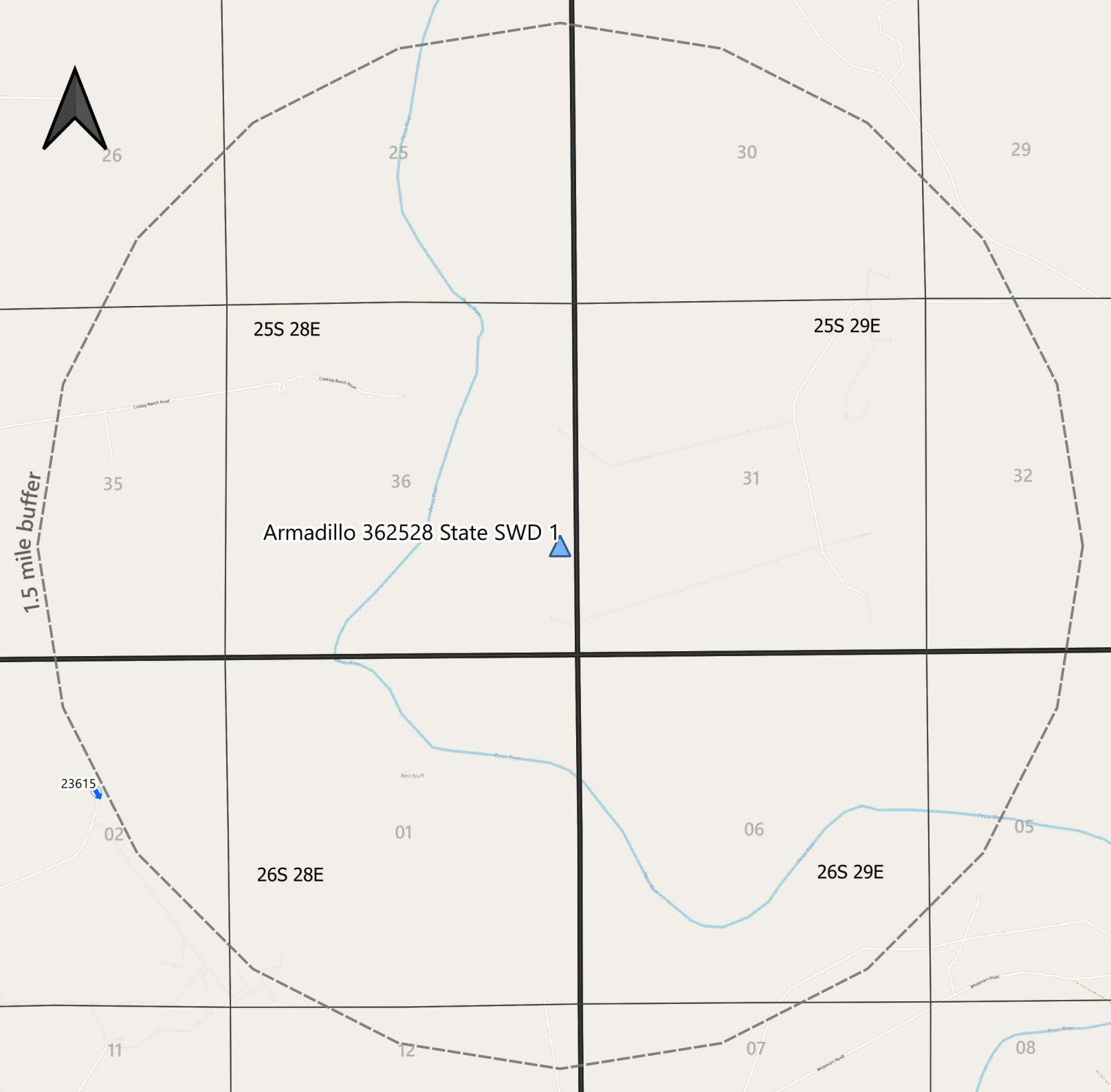
Legend

- Federal
- Private
- State

Sec 36 25S 28E
Eddy County
New Mexico

**Surface Ownership
Area of Review**

Armadillo 362528 State
SWD 1



Legend

 Salt Water Disposal, Active

Nearest active deep SWD well - 30-015-23615 - is 128 feet outside of the 1.5 mile deep injection buffer radius.

There are no active SWD wells within 1.5 miles of the Armadillo.

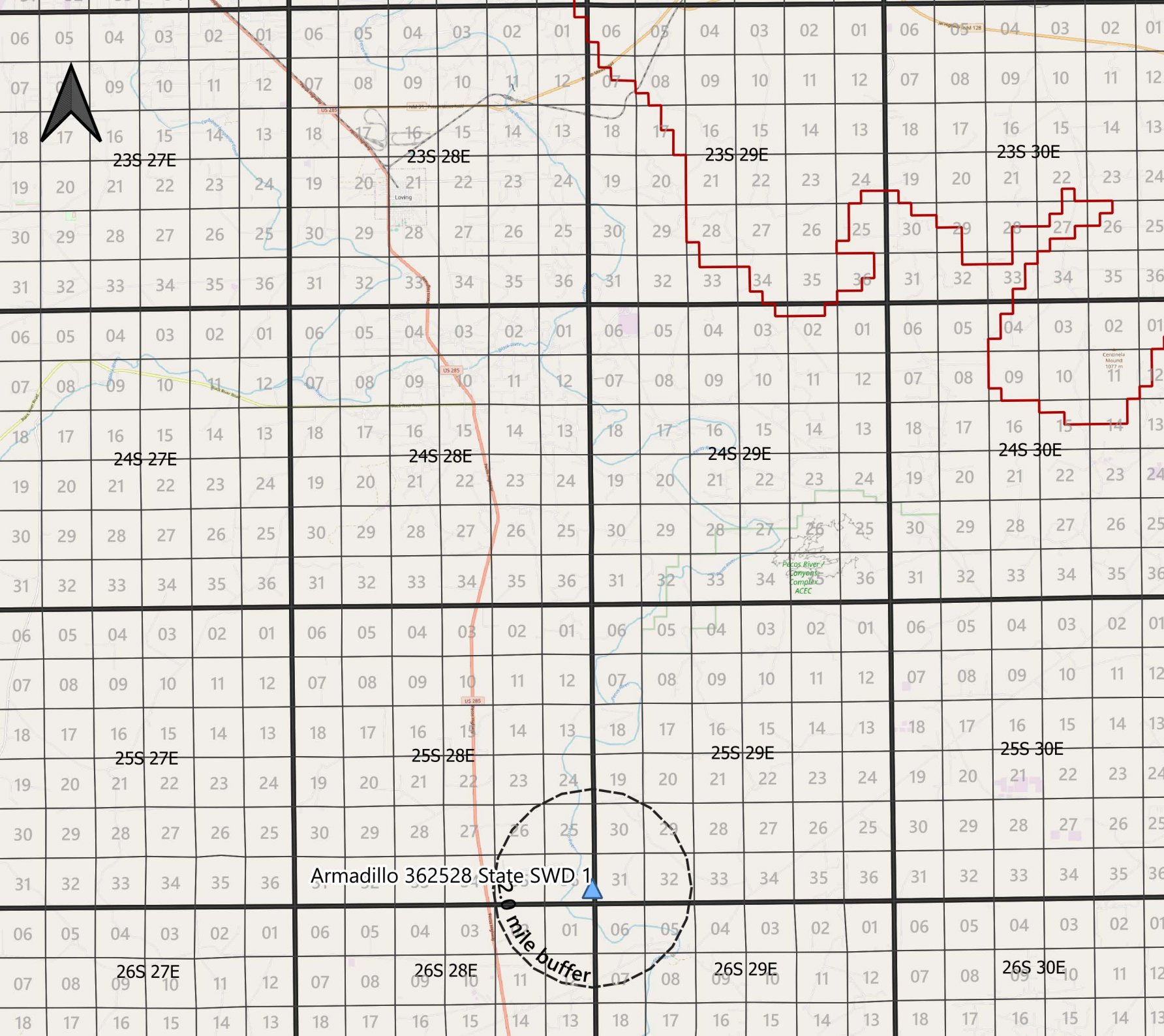
Sec 36 25S 28E

Eddy County

New Mexico

**Offset Well Review
Area of Review**

Armadillo 362528 State
SWD 1



- Legend**
- Potash, Working Mines
 - Potash, Ore Indicated
 - Potash, Ore Measured
 - Potash, Active Leases
 - SOPA

Sec 36 25S 28E
Eddy County
New Mexico

**Potash Map
Area of Review**

Armadillo 362528 State
SWD 1



NM OSE POD Status

- Active
- Pending
- Unknown

Sec 36 25S 28E
Eddy County
New Mexico

**Water Well
Area of Review**

Armadillo 362528 State
SWD 1

SP-03254

C-04182-POD1

C-03508-POD1



Marshall Tippen

From: Marshall Tippen
Sent: Thursday, May 20, 2021 5:46 PM
To: Katie McBryde
Subject: Re: App for Armadillo 362528 State SWD 1H (Anthem) - LOCATED ON EOG ACREAGE

Great thank you Katie. We will push forward.

Sincerely,
Marshall

Sent from my iPhone

On May 20, 2021, at 10:30 AM, Katie McBryde <Katie_McBryde@eogresources.com> wrote:

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Marshall –

This revised application satisfies EOG.

Thanks,
Katie

Katie McBryde
EOG Resources, Inc.
Office: 432.848.9022 | Mobile: 432.230.1836

From: Marshall Tippen <mtippen@anthemwsllc.com>
Sent: Wednesday, May 19, 2021 10:33 AM
To: Katie McBryde <Katie_McBryde@eogresources.com>
Subject: RE: App for Armadillo 362528 State SWD 1H (Anthem) - LOCATED ON EOG ACREAGE

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Katie,
Our original application states that the surface location of the Armadillo 362528 State SWD 1 would be 2,538' FNL and 386' FEL, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. Our proposed new location location would be 1,654' FSL and 250' FEL, in Section 36, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico. This falls within the SE SWD Location Area on the map that you sent me yesterday. Please let me know if this new proposed location looks suitable to EOG, if so we will go ahead and submit this revised information to the OCD (map attached).

Let me know if there is additional information I can provide.

Sincerely,

Marshall Tippen
Anthem Water Solutions, LLC
3300 North A Street
Building 2, Suite 222,
Midland TX, 79705
(972) 795-4201 (cell)

From: Katie McBryde <Katie_McBryde@eogresources.com>
Sent: Tuesday, May 18, 2021 2:18 PM
To: Marshall Tippen <mtippen@anthemwslc.com>
Subject: FW: App for Armadillo 362528 State SWD 1H (Anthem) - LOCATED ON EOG ACREAGE

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Marshall,

Thanks for the quick call. As a recap:

1. EOG will be protesting Anthem's current proposed location.
2. EOG would be more agreeable to a location indicated in any of the red boxed areas in the same section (Section 36, T25S-R28E) as outlined on the attachment.
 - a. Moving the surface location to one of these areas would remove the well from our future well paths.

Let me know if you have any questions!

Thanks,
Katie

Katie McBryde
EOG Resources, Inc.
Office: 432.848.9022 | Mobile: 432.230.1836

From: Tracy Jordan
Sent: Wednesday, May 12, 2021 11:48 AM
Subject: App for Armadillo 362528 State SWD 1H (Anthem) - LOCATED ON EOG ACREAGE

Anthem Water Solutions has filed an application to drill the Armadillo 362528 State SWD 1 well, located 2538' FNL & 386' FEL in Section 36, T25S-R28E, Eddy County, New Mexico.

The targeted disposal zone is the Devonian-Silurian formations.

Objections must be filed no later than Thursday, May 27th, 2021.

Questions can be directed to:

Marshall Tippen

(972) 795-4201

The Proposed SWD is Located On EOG Acreage – Landman's Area: McBryde

Tracy Jordan | Land Tech-Midland Division

Tracy_Jordan@eogresources.com

<image001.gif>

Office: (432) 247-6333