

AE Order Number Banner

Application Number: pSYS2534235145

Initial Application Part I

SWD-2685

San Mateo Stebbins Water Management, LLC [328762]

Received: 11/22/2025

Revised March 23, 2017

| | | | |
|-----------|-----------|-------|---------|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: |
|-----------|-----------|-------|---------|

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: SAN MATEO STEBBINS WATER MANAGEMENT, LLC OGRID Number: 328762
 Well Name: MIKE BREARD FED SWD 5 API: 30-015-
 Pool: SWD; DEVONIAN Pool Code: 96101

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

- A. ☒ Offset operators or lease holders
 B. ☒ Royalty, overriding royalty owners, revenue owners
 C. ☒ Application requires published notice
 D. ☒ Notification and/or concurrent approval by SLO
 E. ☒ Notification and/or concurrent approval by BLM
 F. ☒ Surface owner
 G. ☒ For all of the above, proof of notification or publication is attached, and/or,
 H. ☐ No notice required

FOR OCD ONLY

| | |
|--------------------------|------------------------------|
| <input type="checkbox"/> | Notice Complete |
| <input type="checkbox"/> | Application Content Complete |

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

BRIAN WOOD

Print or Type Name

Signature

11-22-25

Date

505 466-8120

Phone Number

brian@permitswest.com

e-mail Address


STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

27

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: E Secondary Recovery Pressure Maintenance XXX Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: SAN MATEO STEBBINS WATER MANAGEMENT, LLC
ADDRESS: 5400 LBJ FREEWAY, SUITE 1500, DALLAS TX 75240
CONTACT PARTY: BRIAN WOOD (PERMITS WEST, INC.) PHONE: 505 466-8120
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? Yes XXX No
If yes, give the Division order number authorizing the project:
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
- Mike Breard Fed SWD 5**
Devonian (96101)
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: BRIAN WOOD  TITLE: CONSULTANT
SIGNATURE: DATE: NOV. 21, 2025
E-MAIL ADDRESS: brian@permitswest.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal:

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side 2

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

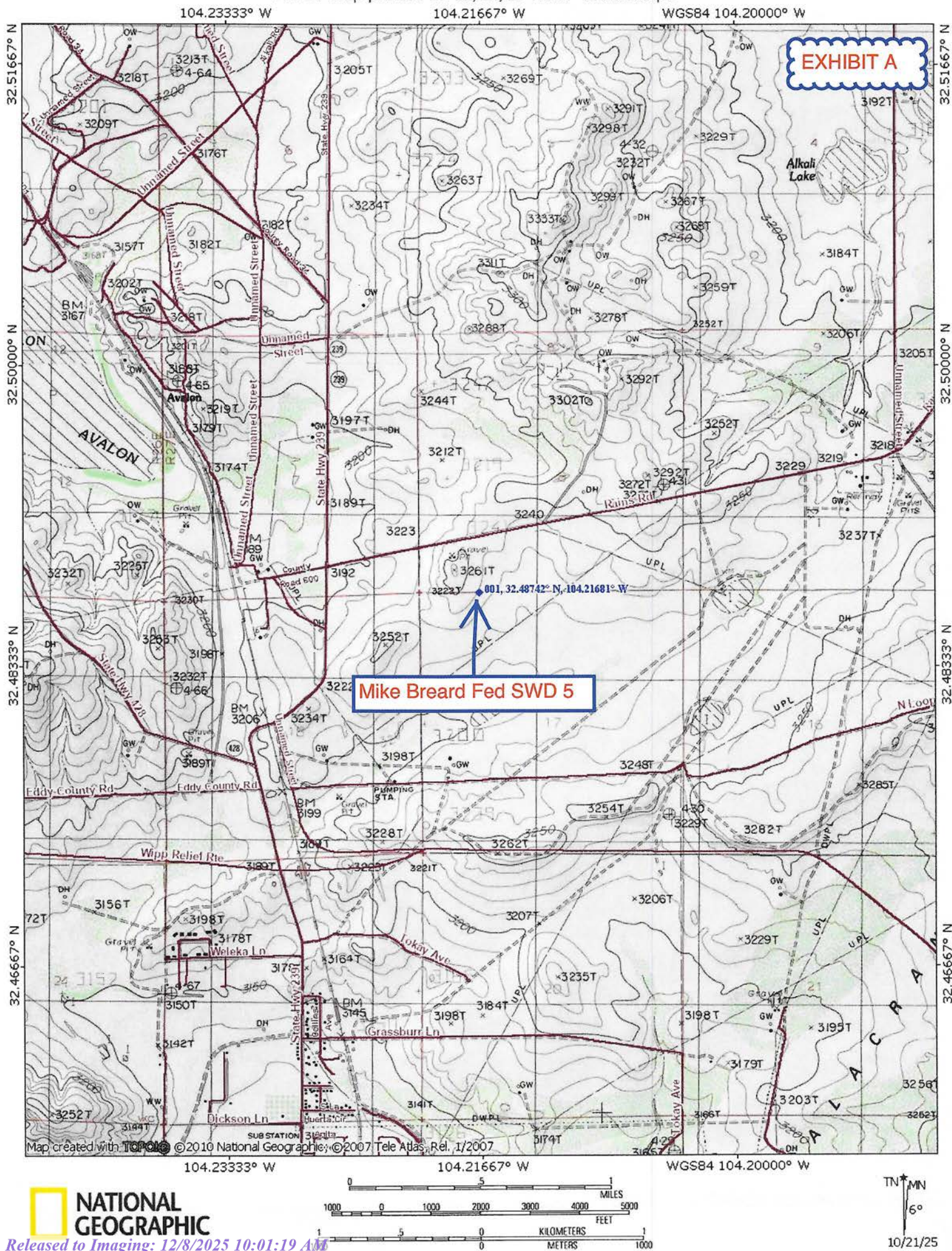
All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.



| | | |
|---|--|---|
| C-102 Submit Electronically Via OCD Permitting | State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION | <div style="border: 2px solid blue; border-radius: 15px; padding: 5px; display: inline-block; color: blue; font-weight: bold;">EXHIBIT A</div> <div style="text-align: right; margin-top: 5px;">Revised July 9, 2024</div> |
| | | Submittal Type: <div style="border: 1px solid black; padding: 2px;"> <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled </div> |

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|--|--|
| API Number 30-015- | Pool Code 96101 | Pool Name SWD, DEVONIAN |
| Property Code | Property Name MIKE BREARD FED SWD | Well Number #5 |
| OGRID No. 328762 | Operator Name SAN MATEO STEBBINS WATER MANAGEMENT, LLC | Ground Level Elevation 3241' |
| Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal | | Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| D | 17 | 21-S | 27-E | - | 11' N | 1151' W | N 32.4874264 | W 104.2168192 | EDDY |

Bottom Hole Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
|---------------|---------|----------|-------|---------|-------------------|-------------------|--------------|---------------|--------|
| D | 17 | 21-S | 27-E | - | 11' N | 1151' W | N 32.4874264 | W 104.2168192 | EDDY |

| | | | | |
|-------------------------------|---------------------------------------|---------------------------------|--|---------------------------------|
| Dedicated Acres N/A | Infill or Defining Well N/A | Defining Well API N/A | Overlapping Spacing Unit (Y/N) N/A | Consolidated Code N/A |
| Order Numbers N/A | | | Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No | |

Kick Off Point (KOP)

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
|---------------|---------|----------|-------|---------|-------------------|-------------------|----------|-----------|--------|
| - | - | - | - | - | - | - | - | - | - |

First Take Point (FTP)

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
|---------------|---------|----------|-------|---------|-------------------|-------------------|----------|-----------|--------|
| - | - | - | - | - | - | - | - | - | - |

Last Take Point (LTP)

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the N/S | Feet from the E/W | Latitude | Longitude | County |
|---------------|---------|----------|-------|---------|-------------------|-------------------|----------|-----------|--------|
| - | - | - | - | - | - | - | - | - | - |

| | | |
|---|--|--|
| Unitized Area or Area of Uniform Interest | Spacing Unity Type <input type="checkbox"/> Horizontal <input checked="" type="checkbox"/> Vertical | Ground Floor Elevation 3241' |
|---|--|--|

| | |
|--|--|
| OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> <div style="text-align: right;"> 8/6/2025 </div> | SURVEYORS CERTIFICATION <i>I hereby certify that the well location shown on this plat was taken 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> <div style="text-align: center;"> ANGEL M. BAREA NEW MEXICO PROFESSIONAL SURVEYOR 26116 5/22/25 </div> |
| Signature Cory Walk Date | Signature and Seal of Professional Surveyor Date |
| Print Name cory@permitswest.com | Certificate Number Date of Survey 05/15/2025 |
| E-mail Address | |

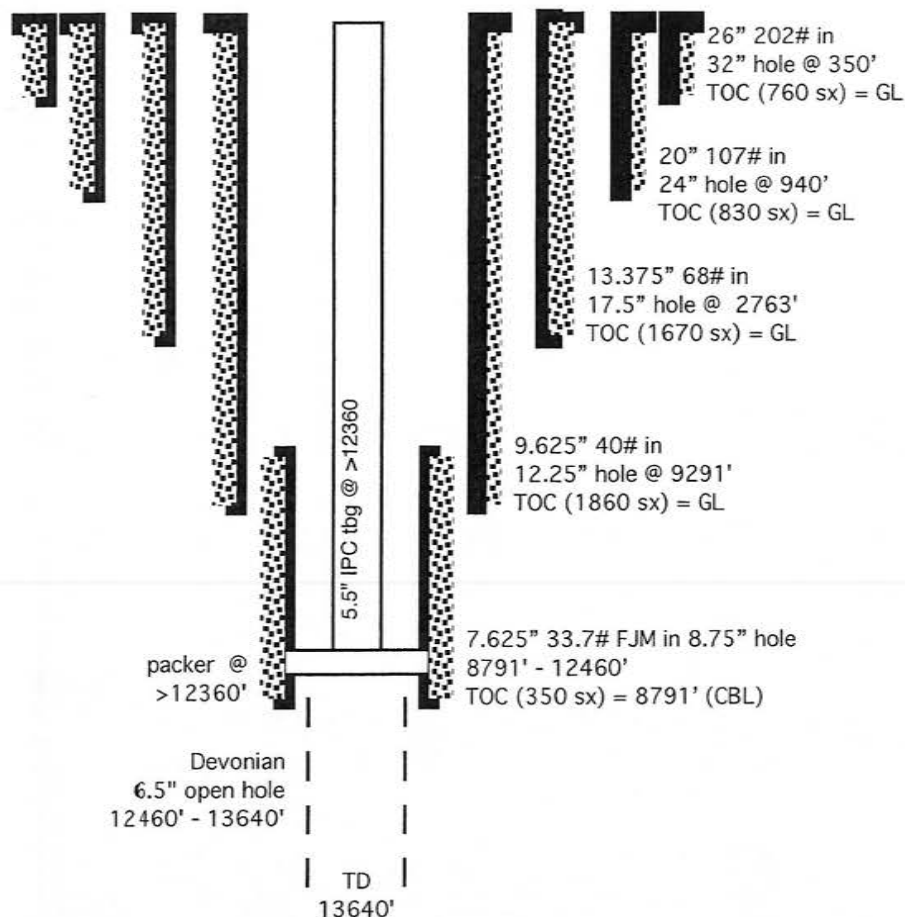
INJECTION WELL DATA SHEET

OPERATOR: SAN MATEO STEBBINS WATER MANAGEMENT, LLCWELL NAME & NUMBER: MIKE BREARD FED SWD 5

WELL LOCATION: 11' FNL & 1151' FWL D 17 21 S 27 E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

(not to scale)

WELL CONSTRUCTION DATASurface CasingHole Size: 32" Casing Size: 26"Cemented with: 760 sx. or _____ ft³Top of Cement: SURFACE Method Determined: VISUALIntermediate CasingHole Size: 24" & 17.5" & 12.25" Casing Size: 20" & 13.375" &Cemented with: 830 & 1670 sx. or 9.625" ft³
& 1860Top of Cement: SURFACE FOR ALL Method Determined: VISUAL & CBLProduction CasingHole Size: 8.75" Casing Size: 7.625" @ 12,460'Cemented with: 350 sx. or _____ ft³Top of Cement: 8,791' Method Determined: CBLTotal Depth: 13,640'Injection Interval 6.5" OPEN HOLE12,460 feet to 13,640'

(Perforated or Open Hole; indicate which)

■■■■■■■■■■

INJECTION WELL DATA SHEETTubing Size: 7" & 5.5" TAPERED STRING Lining Material: IPCType of Packer: STAINLESS STEEL &/OR NICKELPacker Setting Depth: 12,360' - 12,460'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? XXX Yes No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: DEVONIAN

3. Name of Field or Pool (if applicable): SWD; DEVONIAN (POOL CODE 96101)

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. _____

NO

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

OVER: YATES (567'), BRUSHY CANYON (2,713'), BONE SPRING (4,713'),
WOLFCAMP (8,797'), STRAWN (10,157'), & MORROW (11,000')

UNDER: none

Affidavit of PublicationNo. 66480

State of New Mexico

Publisher

County of Eddy:

Adrian Hedden

being duly sworn, says that he is the

Publisher

of the Carlsbad Current Argus, a weekly newspaper of
 general circulation, published in English at Carlsbad,
 said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said
 Carlsbad Current Argus, a weekly newspaper duly qualified
 for that purpose within the meaning of Chapter 167 of
 the 1937 Session Laws of the state of New Mexico for

1 Consecutive weeks/day on the same

day as follows:

First Publication

October 9, 2025

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Sixth Publication

Seventh Publication

Eighth Publication

Subscribed and sworn before me this

9th day of October 2025

LATISHA ROMINE
 Notary Public, State of New Mexico
 Commission No. 1076338
 My Commission Expires
 05-12-2027

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:**EXHIBIT J**

San Mateo Stebbins Water Management, LLC is applying to drill the Mike Breard Fed SWD 5 as a saltwater disposal well. The well will dispose into the Devonian formation from 12,460 to 13,640. It is 5 miles north of the junction of US 285 & US 62/180. The junction is in Carlsbad, NM. The well is staked at 11 FNL & 1151 FWL Sec. 17, T. 21 S., R. 27 E., Eddy County, NM. Maximum disposal rate will be 45,000 bwpd. Maximum injection pressure will be 2,492 psi. Interested parties must file objections or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505, or OCD. Engineer@emnr.dnm.gov within 15 days. Additional information can be obtained by contacting: Brian Wood, Permits West, Inc., 37 Verano Loop, Santa Fe, NM 87508. Phone number is (505) 466-8120.
 66480-Published in Carlsbad Current Argus Oct. 9, 2025.



November 21, 2025

BLM
520 E. Greene
Carlsbad NM 88220

TYPICAL NOTICE

San Mateo Stebbins Water Management, LLC is applying (see attached application) to drill the Mike Breard Fed SWD 5 well as a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) rules, I am notifying you of the following proposed saltwater disposal well. This letter is a notice only. No action is needed unless you have questions, protests, or objections.

Well Name: Mike Breard Fed SWD 5 (BLM surface / SLO lease) ID = 13640'

Proposed Disposal Zone: Devonian (from 12,460' to 13,640')

Location: 11' FNL & 1151' FWL Sec. 17, T. 21 S., R. 27 E., Eddy County, NM

Approximate Location: 5 miles north of Carlsbad, NM

Applicant: San Mateo Stebbins Water Management, LLC (972) 371-5420

Applicant's Address: 5400 LBJ Freeway, Suite 1500, Dallas TX 75240

Submittal Information: Application for a saltwater disposal well will be filed with the NMOCD. If you have an objection, protest, or wish to request a hearing, then it must be filed with the NMOCD within 15 days of receipt of this letter. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr., Santa Fe, NM 87505. NMOCD phone number is (505) 476-3441. E-mail address is: OCD.Engineer@emnrd.nm.gov

Please call me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Wood", written over a horizontal line.

Brian Wood

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Postage

Total Postage and Fees \$ 1789 Minerals Fund II LP
26203 Monarch Meadow Ct
Katy, NM 77494

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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PO Box 900
Artesia-NM 88211

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222 W 4th St PH 5
Fort Worth TX 76102

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Total Postage and Fees \$ August-Resources Ltd
300 West Louisiana
Suite 100

Sent To Midland TX 79701

Street and Apt. No., or PO Box No. Mike Breard Fed SWD 5

City, State, ZIP+4®

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Total Postage and Fees \$ Basin-Petroleum
PO Box 10
Roswell-NM 88202

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PO Box 4028
Albuquerque NM 87196

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| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

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\$
Total Postage and Fees BHP Petro-Amer Inc
1360 Post Oak #500

Sent To Houston TX 77056
Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

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Total Postage and Fees BHP c/o BP America Production
Company

Sent To 501 Westlake Blvd
Houston TX 79702

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| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

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Total Postage and Fees Big Three Energy Group LLC
PO Box 429

Sent To Roswell NM 88202
Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage
\$
Total Postage and Fees BLM

Sent To 520 E. Greene Street
Carlsbad NM 88220

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
Here

Postage
\$
Total Postage and Fees BP America Production Company

Sent To 501 Westlake Blvd
Houston TX 79702

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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OFFICIAL USE

| | |
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| Certified Mail Fee | |
| \$ | |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
Here

Postage
\$
Total Postage and Fees Coterra Energy Operating Co

Sent To 6001 Deauville
STE 300N

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ Bursake LLC
Total Postage and Fees PO Box 51407
Midland TX 79710

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ Chevron USA Inc
Total Postage and Fees 6301 Deauville
Midland TX 79706

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ Chi Energy Inc
Total Postage and Fees 212 N Main
STE 200

Sent To Midland TX 79702

Street and Apt. No., or PO Box No. Mike Breard Fed SWD 5

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ Chi Operating Inc.
Total Postage and Fees P. O. Box 1799
Midland TXX 79702

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ Devon Energy Production Company,
Total Postage and Fees LP

Sent To 333 West Sheridan Ave.

Street and Apt. No., or PO Box No. Oklahoma City OK 73102

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

\$ EOG Resources
Total Postage and Fees 5509 Champions Drive
Midland TX 79706

Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **EOG Resources Inc**
 1111 Bagby St
 Sky Lobby 2
 Houston TX 77002
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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Certified Mail Fee \$
 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **Faulconer Res 2007 LP LL**
 1001 ESE Loop 323
 #160
 Tyler TX 75701
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **FAE II LLC**
 11757 Katy Fwy
 STE 725
 Houston TX 77079
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **Featherstone Development Corp**
 PO Box 429
 Roswell NM 88202
 Mike Breard Fed SWD 5
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **Faulconer Res 2000 LP LLP**
 PO Box 7995
 Tyler TX 75711
 Mike Breard Fed SWD 5
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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 Extra Services & Fees (check box, add fee as appropriate)
☐ Return Receipt (hardcopy) \$
☐ Return Receipt (electronic) \$
☐ Certified Mail Restricted Delivery \$
☐ Adult Signature Required \$
☐ Adult Signature Restricted Delivery \$
 Postage \$
 Total Postage and Fees \$

Sent To **Harvard Energy Partners**
 PO Box 936
 Roswell NM 88202
 Mike Breard Fed SWD 5
 Street and Apt. No., or PO Box No.
 City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage
Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
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| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

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Postage
Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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| <input type="checkbox"/> Return Receipt (electronic) | \$ |
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| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage
Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
Here

Postage
Total Postage and Fees
Sent To
Street and Apt. No., or PO Box No.
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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Magnum Hunter Production Inc

840 Gessner Rd

Suite 1400

Houston TX 76102

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Marathon Oil Company

990 Town and Country Blvd

Houston TX 77002

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Marathon Oil Permian LLC

990 Town and Country Blvd

Houston TX 77024

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Marathon Oil Permian LLC

600 W. Illinois Ave.

Idl Mand TX 79701

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Mark L. Shidler Inc.

PO Box 10

Roswell NM 88202

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage

Total Postage and Fees \$

Mark L. Shidler Inc.

1313 Campbell Road

Building D

Houston TX 77055

Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

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| Certified Mail Fee | |
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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage

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Total Postage and Fees

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Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047

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| Certified Mail Fee | |
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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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Postmark
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Total Postage and Fees

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Sent To

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Adult Signature Required | \$ |
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Postmark
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Postage

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Total Postage and Fees

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Sent To

Street and Apt. No., or PO Box No.

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| Certified Mail Fee | |
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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
Here

Postage

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Total Postage and Fees

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Sent To

Street and Apt. No., or PO Box No.

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| Certified Mail Fee | |
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| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
| <input type="checkbox"/> Return Receipt (electronic) | \$ |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage

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Total Postage and Fees

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Sent To

Street and Apt. No., or PO Box No.

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| Certified Mail Fee | |
| \$ | |
| Extra Services & Fees (check box, add fee as appropriate) | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ |
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| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ |
| <input type="checkbox"/> Adult Signature Required | \$ |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ |

Postmark
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Postage

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Merit Management Partners I LP
 13727 Noel Rd
 STE 500
 Dallas TX 75240
 Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Mewourne Oil Co.
 P. O. Box 5270
 Hobbs NM 88241
 Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Merit Management Partners II LP
 13727 Noel Rd
 STE 500
 Dallas TX 75240
 Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Certified Mail Fee \$

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To Merit Management Partners III LP
 13727 Noel Rd
 STE 500
 Dallas TX 75240
 Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

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Sent To Mewbourne Oil Company
 500 W. Texas Avenue
 STE 1020
 Midland TX 79701
 Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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Sent To Mewbourne Oil Company
 3620 Old Bullard Rd
 Tyler TX 75701
 Mike Breard Fed SWD 5

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\$ Mewbourne Oil Company

\$ Total Postage and Fees PO Box 7698

\$ Tyler TX 75711

\$ Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

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Postmark
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Postage

\$ Oxy USA WTP LP

\$ Total Postage and Fees 5 Greenway Plaza

\$ STE 110

\$ Sent To Houston TX 77046

Street and Apt. No., or PO Box No. Mike Breard Fed SWD 5

City, State, ZIP+4®

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\$ NM State Land Office

\$ Total Postage and Fees P. O. Box 1148

\$ Santa Fe NM 87504

\$ Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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\$ Oxy Y-1 Company

\$ Total Postage and Fees 5 Greenway Plaza

\$ Suite 110

\$ Sent To Houston TX 77046

Street and Apt. No., or PO Box No. Mike Breard Fed SWD 5

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☐ Adult Signature Restricted Delivery \$

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\$ Oxy USA WTP Limited Partnership

\$ Total Postage and Fees PO Box 4294

\$ Houston TX 77210

\$ Sent To Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

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\$ Permian Resources Operating, LLC

\$ Total Postage and Fees 300 N. Marienfeld St.

\$ Suite 1000

\$ Sent To Midland TX 79701

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12377 Merit Dr
#1600
Dallas TX 75251
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☐ Adult Signature Restricted Delivery \$

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Sent To **Promontory Exploration LP**
400 W Wall St
STE 300
Midland TX 79701
Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

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Postage \$

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Sent To **PGP Holdings I LLC**
104 Townpark Dr NW
Kennesaw GA 30144
Mike Breard Fed SWD 5

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Sent To **Ray Westall Operating Inc**
PO Box 4
Loco Hills NM 88255
Mike Breard Fed SWD 5

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Sent To **Premier Oil & Gas Inc**
PO Box 837205
Richardson TX 75083
Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

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☐ Adult Signature Restricted Delivery \$

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Sent To **Prospector LLC**
PO Box 429
Roswell NM 88202
Mike Breard Fed SWD 5

Street and Apt. No., or PO Box No.

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| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | Prudential-Basche Energy IP VP-18 |
| Sent To | PO Box 10 |
| | Roswell NM 88202 |
| Street and Apt. No., or PO Box No. | Mike Breard Fed SWD 5 |
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| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | REB Resources LLC |
| Sent To | 308 N Colorado |
| | STE 200 |
| Street and Apt. No., or PO Box No. | Midland TX 79701 |
| City, State, ZIP+4® | Mike Breard Fed SWD 5 |
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| <input type="checkbox"/> Certified Mail Restricted Delivery \$ | |
| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | Rhea Resources LLC |
| Sent To | PO Box 3624 |
| | Midland TX 79702 |
| Street and Apt. No., or PO Box No. | Mike Breard Fed SWD 5 |
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| <input type="checkbox"/> Certified Mail Restricted Delivery \$ | |
| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | Robert B Bunn |
| Sent To | PO Box 939 |
| | Honolulu HI 96808 |
| Street and Apt. No., or PO Box No. | Mike Breard Fed SWD 5 |
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| <input type="checkbox"/> Certified Mail Restricted Delivery \$ | |
| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | Ross Duncan Properties LLC |
| Sent To | PO Box 647 |
| | Artesia NM 88211 |
| Street and Apt. No., or PO Box No. | Mike Breard Fed SWD 5 |
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| <input type="checkbox"/> Certified Mail Restricted Delivery \$ | |
| <input type="checkbox"/> Adult Signature Required \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery \$ | |
| Postage \$ | |
| Total Postage and Fees | Santo Legado LLC |
| Sent To | PO Box 1020 |
| | Artesia NM 88211 |
| Street and Apt. No., or PO Box No. | Mike Breard Fed SWD 5 |
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Total Postage and Fees **SEP Permian Holding Corp****9655 Katy Fwy****STE 500**Sent To **Houston TX 77024**Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

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Total Postage and Fees **Sharbro Oil Ltd Co****PO Box 840****Artesia NM 88211**Sent To **Mike Breard Fed SWD 5**

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- ☐ Adult Signature Required \$
- ☐ Adult Signature Restricted Delivery \$

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Postage

\$

Total Postage and Fees **SEP Permian LLC****9655 Katy Fwy****STE 500**Sent To **Houston TX 77024**Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

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Postage

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Total Postage and Fees **Sheep Mountain, Ltd****300 West Louisiana****Suite 100**Sent To **Midland TX 79701**Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

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Total Postage and Fees **Sharbro Energy LLC****PO Box 840****Artesia NM 88211**Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

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Postage

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Total Postage and Fees **Sool LTD****PO Box 2237****Midland TX 79702**Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **Vernon E Faulconer Inc**
PO Box 7995
Tyler TX 75711

Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™

CERTIFIED MAIL® REC

EXHIBIT K

Domestic Mail Only

For delivery information, visit our website at www.usps.com.

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **Vivian Smith**
2000 West Loop South
Suite 1900

Sent To **Houston TX 77027**Street and Apt. No., or PO Box No. **Mike Breard Fed SWD-5**

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com.

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **Viking Oil & Gas Exploration**
Company
1675 Broadway
#2750

Sent To **Denver CO 80202**Street and Apt. No., or PO Box No. **Mike Breard Fed SWD 5**

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™
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Domestic Mail OnlyFor delivery information, visit our website at www.usps.com.

Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **Willischilled Oil & Gas Corp**
621 E St
Snyder OK 73566

Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **Vladin LLC**
PO Box 100
Artesia NM 88211

Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

U.S. Postal Service™
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Certified Mail Fee

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$

☐ Return Receipt (electronic) \$

☐ Certified Mail Restricted Delivery \$

☐ Adult Signature Required \$

☐ Adult Signature Restricted Delivery \$

Postmark
Here

Postage

Total Postage and Fees **XTO Holdings LLC**
22777 Springwoods Village Pkwy
Spring TX 77389

Sent To **Mike Breard Fed SWD 5**

Street and Apt. No., or PO Box No.

City, State, ZIP+4®

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

9589 0710 5270 0750 2765 92

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

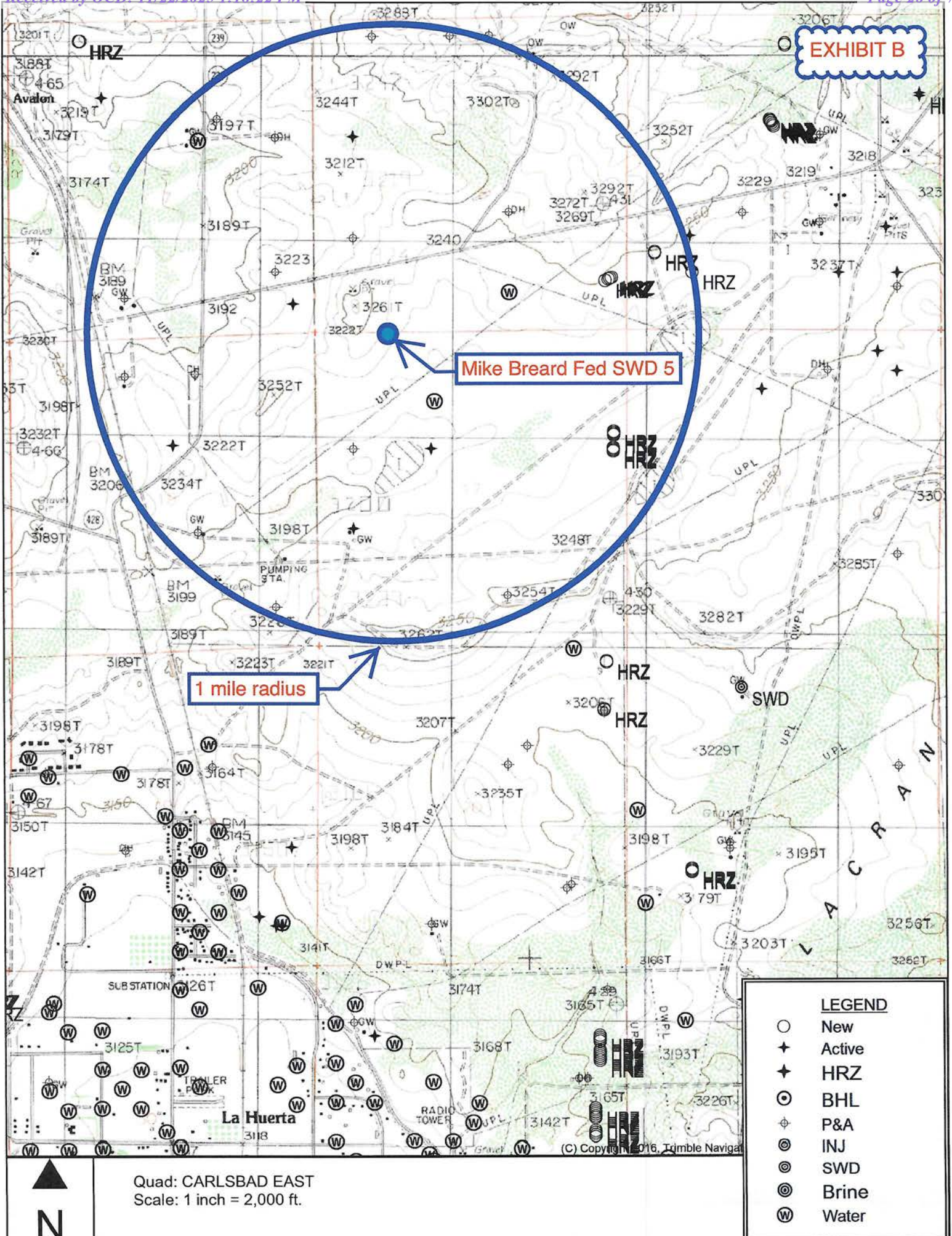
For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

| | | |
|--|----|------------------|
| Certified Mail Fee | | Postmark Here |
| \$ | | |
| Extra Services & Fees (check box, add fee as appropriate) | | |
| <input type="checkbox"/> Return Receipt (hardcopy) | \$ | |
| <input type="checkbox"/> Return Receipt (electronic) | \$ | |
| <input type="checkbox"/> Certified Mail Restricted Delivery | \$ | |
| <input type="checkbox"/> Adult Signature Required | \$ | |
| <input type="checkbox"/> Adult Signature Restricted Delivery | \$ | |
| Postage | | |
| \$ | | |
| Total Postage and Fees | | |
| \$ | | |
| Sent To | | |
| Street and Apt. No., or PO Box No. | | |
| City, State, ZIP+4® | | |

PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

EXHIBIT K



SORTED BY DISTANCE FROM MIKE BREARD FED SWD 5

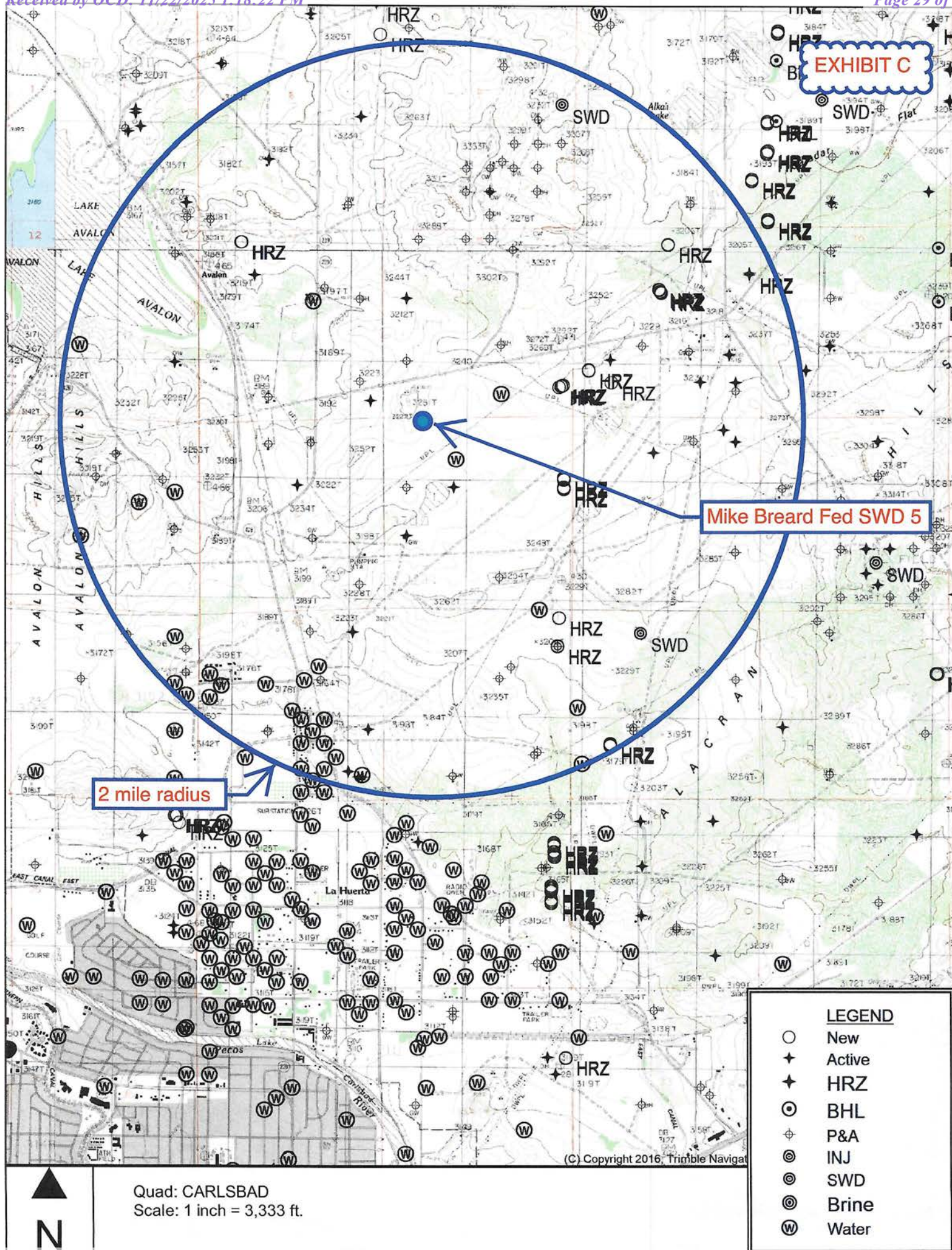
| API | OPERATOR | WELL | STATUS | UNIT- SECTION- T21S-R27E | TVD | ZONE @ TD | FEET FROM MIKE BREARD FED SWD 5 |
|------------|----------------|-------------------------------------|--------|--------------------------------|-------|-----------------|---------------------------------------|
| 3001535583 | Premier | Avalon Hills 7 Federal Com 004 | G | P-7 | 11560 | Barnett | 1590 |
| 3001526056 | HL Brown | State Com 8 001 | P&A | L-8 | 3800 | Delaware | 1640 |
| 3001501052 | J Glen Bennett | Gulf State 001 | P&A | E-17 | 3800 | Delaware | 2034 |
| 3001534468 | Devon | Avalon Hills 7 Federal Com 003 | P&A | P-7 | 10427 | Atoka | 2085 |
| 3001526906 | EOG | Glider AKG State 001 | G | F-17 | 11650 | Morrow | 2141 |
| 3001521351 | Cities Service | State CQ Com 001 | P&A | J-8 | 11685 | Chester | 2921 |
| 3001520850 | Bridge | Federal OO 001 | P&A | B-18 | 650 | Yates | 3277 |
| 3001523098 | HL Brown | Federal 8 001 | P&A | E-8 | 11675 | Barnett | 3323 |
| 3001521546 | EOG | Aviette Alk State Com 001 | G | L-17 | 11157 | Chester | 3338 |
| 3001520849 | Mobil | Federal NN 001 | P&A | H-7 | 605 | Yates | 3747 |
| 3001534599 | Harvard | Federal OO 003 | O | G-18 | 5200 | Bone Spring | 4057 |
| 3001521073 | Yates | Avalon Hills AOQ Federal Com 001 | P&A | N-7 | 11420 | Barnett | 4401 |
| 3001521433 | Harvard | Federal OO 002 | P&A | C-18 | 11500 | Barnett | 4439 |
| 3001501078 | DeKalb | Federal G 001 | P&A | O-7 | 631 | Yates | 4556 |
| 3001521208 | BHP | Avalon Hills Com 002 | P&A | G-7 | 11410 | Morrow | 4560 |
| 3001521491 | OXY | Avalon Federal 002 | P&A | J-18 | 11700 | Morrow | 4617 |
| 3001531003 | Yates | Aviette Alk State 002 | P&A | O-17 | 11700 | Morrow | 4920 |
| 3001501081 | JM Rector III | Maurine Barnett 002 | O | A-8 | 551 | Yates | 4938 |
| 3001520852 | Yates | Avalon Federal 001 | P&A | P-18 | 714 | Seven Rivers | 4989 |
| 3001501079 | Hanson | Hanson EA 001 | P&A | C-8 | 549 | Yates | 5080 |
| 3001520877 | Manzano | Radke Federal 001 | P&A | B-8 | 11640 | Morrow | 5247 |

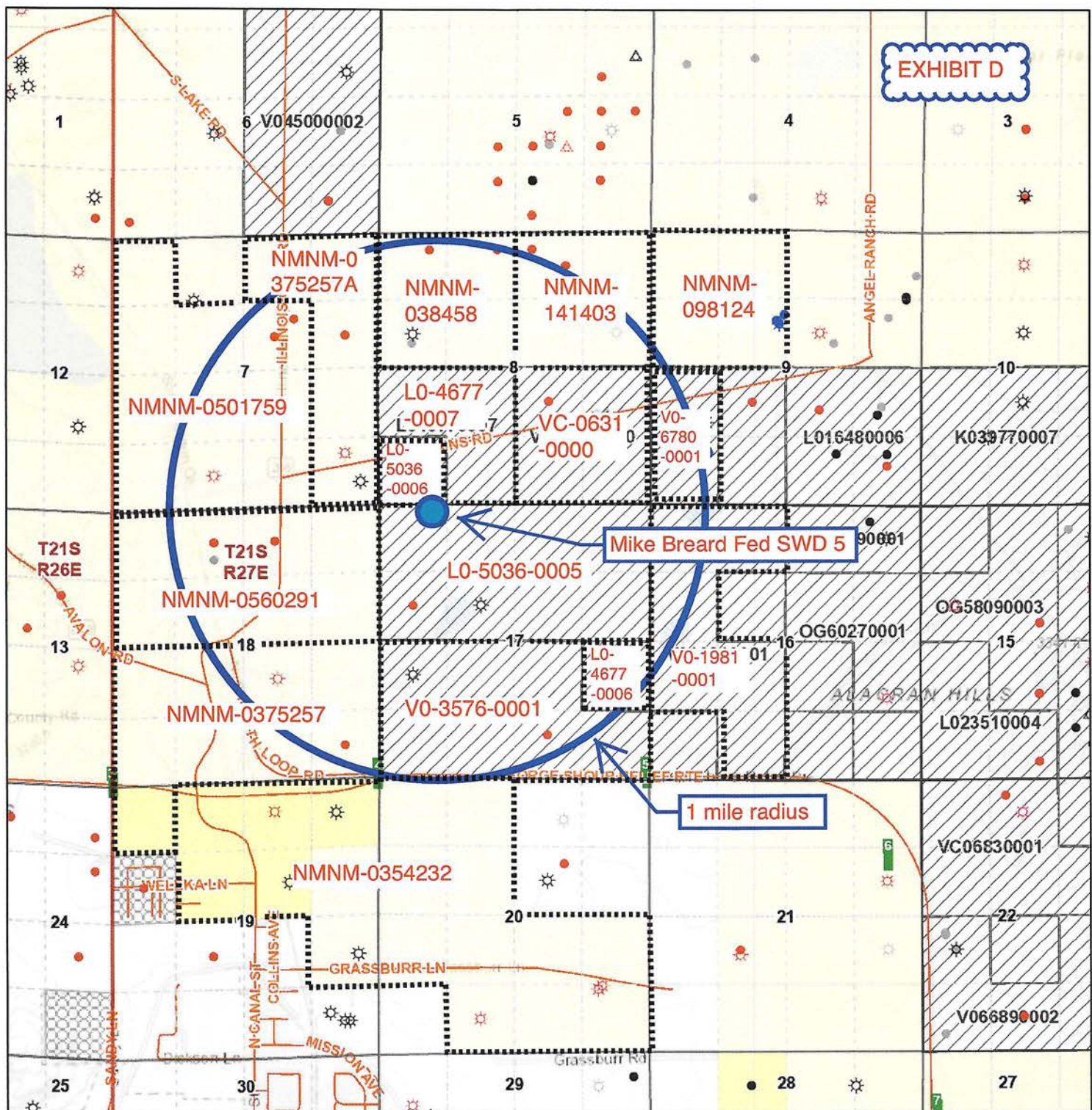
EXHIBIT B

SORTED BY DISTANCE FROM MIKE BREARD FED SWD 5

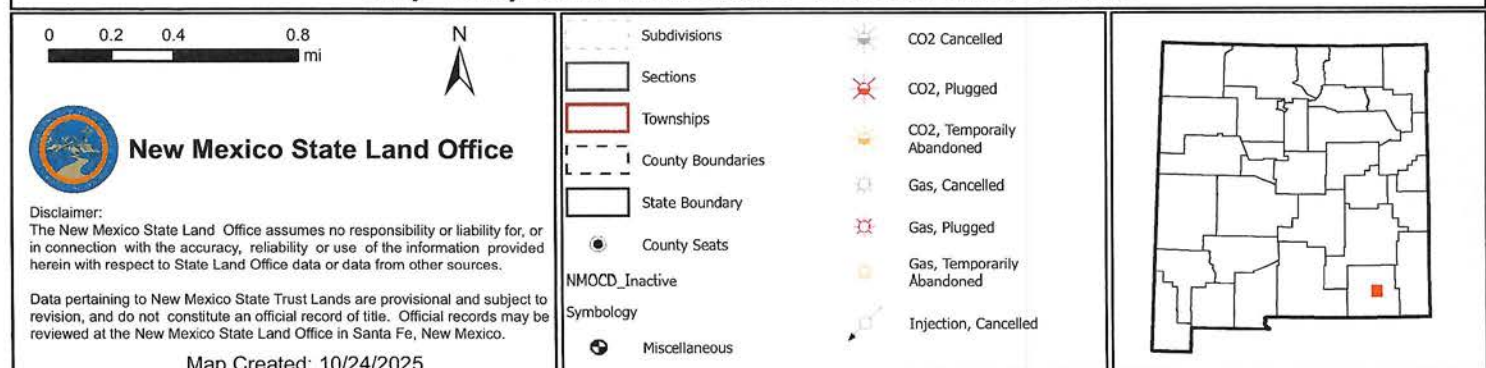
| API | OPERATOR | WELL | STATUS | UNIT- SECTION- T21S-R27E | TVD | ZONE @ TD | FEET FROM MIKE BREARD FED SWD 5 |
|------------|---------------|--------------------------------|--------|--------------------------------|-------|-----------|---------------------------------------|
| 3001501080 | JM Rector III | Maurine Barnett 001 | P&A | B-8 | 545 | Yates | 5272 |
| 3001532849 | Mewbourne | Foster Draw 9 State Com 001 | G | L-9 | 11800 | Barnett | 5457 |

EXHIBIT B





Oil, Gas, and Minerals Leases and Wells



MIKE BREARD FED SWD 5 AREA OF REVIEW LEASES

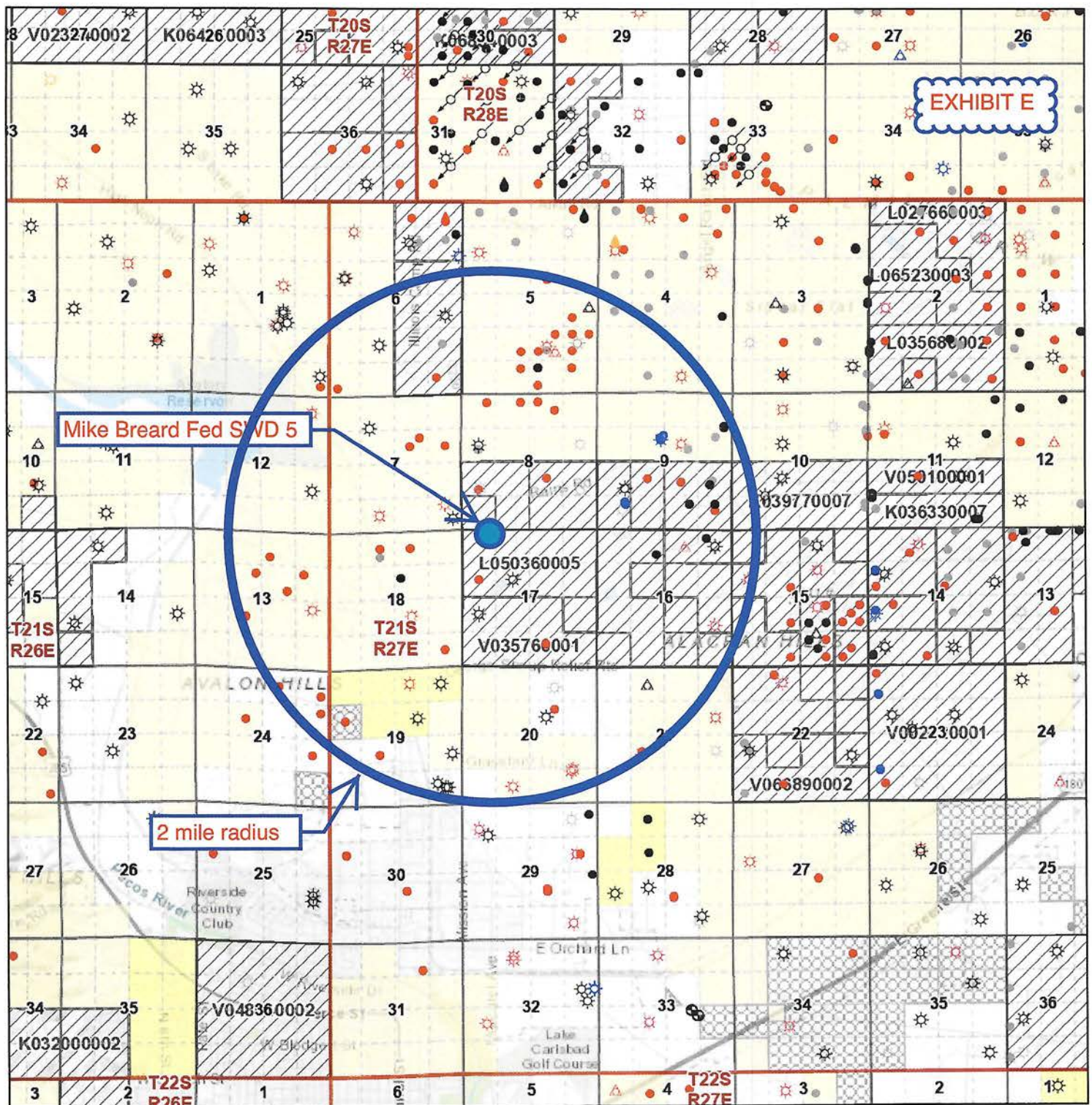
| Aliquot Parts in Area of Review T. 21 S., R. 27 E. | Lessor | Lease | Lessee(s) of Record | Operators (all shallower than Devonian) |
|---|---------------|--|--|--|
| E2E2 & NWNE Sec. 7 | BLM | NMNM-375257A, aka, NMNM- 105464028 | XTO Holdings | Mewbourne Oil and Premier Oil & Gas |
| SENW, SWNE, W2SE4, & SW4 Sec. 7 | BLM | NMNM-0501759, aka, NMNM- 105504296 | Premier | Mewbourne Oil and Premier Oil & Gas |
| NE4 Sec. 8 | BLM | NMNM-141403, aka, | Featherstone Development | Mewbourne Oil |
| NW4 Sec. 8 | BLM | NMNM-038458, aka, NMNM- 105502055 | Basin Petroleum, Mark Shidler Inc., Prudential- Bache Energy VP 18, Sool Ltd., & Viking Oil & Gas | H L Brown Operating & Mewbourne Oil |
| N2SW4 & SESW Sec. 8 | NMSLO | L0-4677-0007 | Mewbourne Oil | Mewbourne Oil |
| SWSW Sec. 8 | NMSLO | L0-5036-0006 | Mewbourne Oil | Mewbourne Oil |
| SE4 Sec. 8 | NMSLO | VC-0631-0000 | Premier | Devon Energy & Mewbourne Oil |
| SWNW Sec. 9 | BLM | NMNM-098124, aka, NMNM- 105560824 | XTO Holdings | Mewbourne Oil |
| W2SW4 Sec. 9 | NMSLO | V0-6780-0001 | Mewbourne Oil | Mewbourne Oil |
| W2NW4 & NWSW Sec. 16 | NMSLO | V0-1981-0001 | EOG Resources | Devon Energy |
| N2 Sec. 17 | NMSLO | L0-5036-0005 | OXY USA WTP LP | EOG Resources & Mewbourne Oil |
| NESE Sec. 17 | NMSLO | L0-4677-0006 | EOG Resources | EOG Resources & Mewbourne Oil |
| NWSE, S2SE4, & SW4 Sec. 17 | NMSLO | V0-3576-0001 | EOG Resources | EOG Resources & Mewbourne Oil |

EXHIBIT D

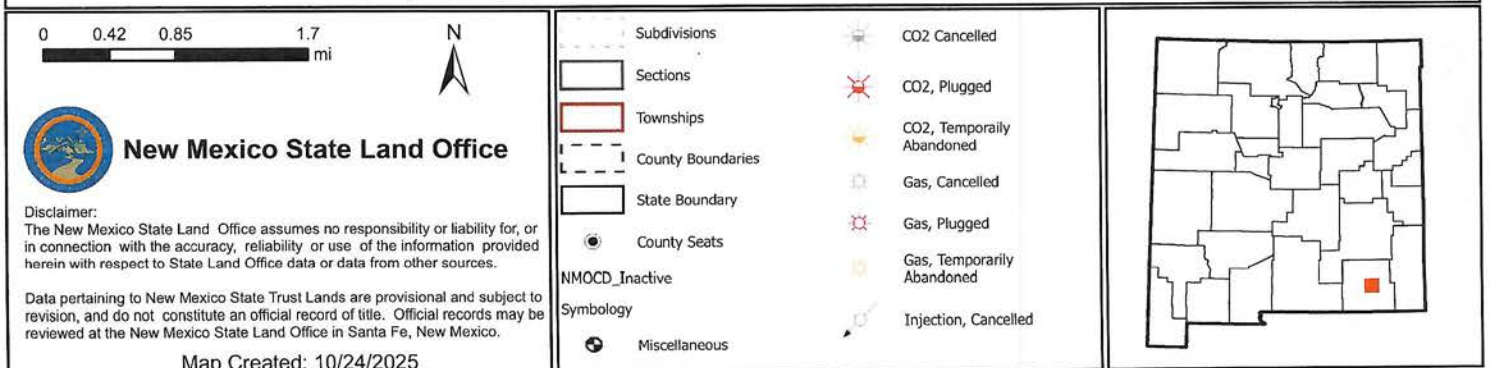
MIKE BREARD FED SWD 5 AREA OF REVIEW LEASES

| Aliquot Parts in Area of Review T. 21 S., R. 27 E. | Lessor | Lease | Lessee(s) of Record | Operators (all shallower than Devonian) |
|---|--------|--|---------------------------------------|---|
| N2 Sec. 18 | BLM | NMNM-0560291, aka, NMNM- 105447858 | XTO Holdings | Harvard Petroleum & Mewbourne Oil |
| SE4 & NESW Sec. 18 | BLM | NMNM-0375257, aka, NMNM- 105417056 | EOG Resources, OXY Y-1, Sharbro | Mewbourne Oil |
| N2NW4 Sec. 20 | BLM | NMNM-0354232, aka, NMNM- 105369565 | Devon Energy & OXY USA WTP LP | Mewbourne Oil |

EXHIBIT D



Oil, Gas, and Minerals Leases and Wells



CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|-------------------------|-------|--------|---------|------|---------|----------|---------|---------|
| 3001501068 | 5 | 21S | 27E | Artesia | 10050 | | | | | 4050 | 9 | 2533 |
| 3001501069 | 5 | 21S | 27E | Artesia | 11250 | | | | | 4553 | 936 | 2281 |
| 3001501091 | 15 | 21S | 27E | Artesia | 11800 | | | | | 5250 | 336 | 2150 |
| 3001540502 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1109 | 23 | | 113785 | | 0 | |
| 3001541057 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1086 | 13 | | 115827 | | 0 | |
| 3001540829 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1038 | 28 | | 83430 | | 0 | |
| 3001541057 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1107 | 163 | | 114606 | | 0 | |
| 3001540502 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1101 | 0 | | 110500 | | 0 | |
| 3001540829 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1050 | 13 | | 110000 | | 0 | |
| 3001541057 | 2 | 21S | 27E | Bone Spring 1st Sand | | 1051 | 11 | | 110300 | | 0 | |
| 3001540693 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1222 | 13 | | 97600 | | 725 | |

EXHIBIT F

CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|----------------------|-----|--------|---------|------|---------|----------|---------|---------|
| 3001540693 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1147 | 8 | | 108457 | | 667 | |
| 3001540681 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1111 | 12 | | 114751 | | 0 | |
| 3001540682 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1015 | 21 | | 110483 | | 0 | |
| 3001540707 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1374 | 54 | | 113742 | | 0 | |
| 3001540758 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1245 | 32 | | 114235 | | 0 | |
| 3001540683 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1051 | 12 | | 114357 | | 0 | |
| 3001540693 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1106 | 18 | | 111544 | | 0 | |
| 3001540681 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1080 | 16 | | 109900 | | 0 | |
| 3001540682 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1195 | 26 | | 109500 | | 0 | |

EXHIBIT F

CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|----------------------|-----|--------|---------|------|---------|----------|---------|---------|
| 3001540683 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1034 | 15 | | 111000 | | 0 | |
| 3001540693 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1150 | 12 | | 106500 | | 0 | |
| 3001540707 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1290 | 23 | | 111000 | | 0 | |
| 3001540758 | 3 | 21S | 27E | Bone Spring 1st Sand | | 1219 | 0 | | 109500 | | 0 | |
| 3001541058 | 9 | 21S | 27E | Bone Spring 1st Sand | | 1047 | 16 | | 115854 | | 0 | |
| 3001541059 | 9 | 21S | 27E | Bone Spring 1st Sand | | 935 | 15 | | 120015 | | 0 | |
| 3001541058 | 9 | 21S | 27E | Bone Spring 1st Sand | | 985 | 0 | | 105464 | | 0 | |
| 3001541059 | 9 | 21S | 27E | Bone Spring 1st Sand | | 914 | 0 | | 113193 | | 1270 | |
| 3001541059 | 9 | 21S | 27E | Bone Spring 1st Sand | | 914 | 0 | | 113193 | | 0 | |

EXHIBIT F

CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|----------------------|-------|--------|---------|------|---------|----------|---------|---------|
| 3001542084 | 13 | 21S | 27E | Bone Spring 1st Sand | | 1272 | 101 | | 113705 | | 0 | |
| 3001542084 | 13 | 21S | 27E | Bone Spring 1st Sand | | 1423 | 21 | | 76901 | | 0 | |
| 3001540503 | 2 | 21S | 27E | Bone Spring 2nd Sand | | 12714 | 48 | | 129855 | | 0 | |
| 3001540503 | 2 | 21S | 27E | Bone Spring 2nd Sand | | 13059 | 63 | | 125000 | | 0 | |
| 3001541650 | 13 | 21S | 27E | Bone Spring 2nd Sand | | 12838 | 49 | | 125168 | | 0 | |
| 3001541650 | 13 | 21S | 27E | Bone Spring 2nd Sand | | 11752 | 38 | | 118330 | | 0 | |
| 3001541738 | 13 | 21S | 27E | Bone Spring 2nd Sand | | 13321 | 57 | | 136229 | | 799 | |
| 3001500369 | 24 | 21S | 26E | Capitan | 26175 | | | | | | | |
| 3001500369 | 24 | 21S | 26E | Capitan | 34884 | | | | | | | |
| 3001510817 | 5 | 21S | 27E | Capitan | 29392 | | | | | 18020 | 389 | 435 |
| 3001510817 | 5 | 21S | 27E | Capitan | 27900 | | | | | 13600 | 588 | 3800 |
| 3001510817 | 5 | 21S | 27E | Capitan | 27400 | | | | | 13200 | 630 | 3880 |
| 3001510817 | 5 | 21S | 27E | Capitan | 28000 | | | | | 13800 | 626 | 3690 |

EXHIBIT F

CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|----------------------------|-------|--------|---------|------|---------|----------|---------|---------|
| 3001510817 | 5 | 21S | 27E | Capitan | 28200 | | | | | 14000 | 636 | 3570 |
| 3001510817 | 5 | 21S | 27E | Capitan | 28700 | | | | | 14800 | 646 | 3040 |
| 3001540372 | 13 | 21S | 27E | Del. - Brushy Canyon | | 37 | | 3612 | | 183 | | |
| 3001540372 | 13 | 21S | 27E | Del. - Brushy Canyon | | 27 | | 4192 | | 159 | | |
| 3001540522 | 13 | 21S | 27E | Del. - Brushy Canyon | | 29 | | 4407 | | 77 | | |
| 3001541134 | 13 | 21S | 27E | Del. - Brushy Canyon | | 31 | | 4314 | | 220 | | |
| 3001541135 | 13 | 21S | 27E | Del. - Brushy Canyon | | 28 | | 4489 | | 244 | | |
| 3001540372 | 13 | 21S | 27E | Del. - Brushy Canyon | | 21 | | 4212 | | 73 | | |
| 3001540522 | 13 | 21S | 27E | Del. - Brushy Canyon | | 21 | | 4131 | | 61 | | |
| 3001541134 | 13 | 21S | 27E | Del. - Brushy Canyon | | 28 | | 4251 | | 73 | | |

EXHIBIT F

CONSTITUENTS IN MG/L

| API | SECTION | TOWNSHIP | RANGE | ZONE | TDS | SODIUM | CALCIUM | IRON | MANGAN. | CHLORIDE | BICARB. | SULFATE |
|------------|---------|----------|-------|----------------------------|-----|--------|---------|------|---------|----------|---------|---------|
| 3001541135 | 13 | 21S | 27E | Del. - Brushy Canyon | | 26 | | 3955 | | 37 | | |

EXHIBIT F



- ~ Home
- ~ Production Data ▶
- ~ Well Data ▶
- ~ Produced Water Data ▶
- ~ NM Pricesheet
- ~ Projects ▶
- ~ Software ▶
- ~ Other Links ▶
- ~ Help ▶

EXHIBIT F

NYMEX LS Crude 60.22

Henry Hub 3.8

Updated: 10/29/2025

State Land Office Data Access

OCD welllog image files

PRRC NM-TECH NM-BGMR

~ Home>>~ Produced Water Data>>Produced Water Quality

- ~ Home
- ~ Production Data
 - ~ Other Searches
 - ~ Older Data
 - ~ Production Summaries
- ~ Well Data
 - ~ Well Activity
 - ~ First Production
- ~ Produced Water Data
 - ~ Produced Water Quality
 - ~ Produced/Injected Water Volume
- ~ NM Pricesheet
- ~ Projects
- ~ SLO
- ~ Software
 - ~ C-115 Filing
 - ~ Decline Curve Plotting
- ~ Other Links
 - ~ NM O and G Links
 - ~ Other States
- ~ Help
 - ~ Land Unit Description
 - ~ Acknowledgements

PRODUCED WATER QUALITY DATA SEARCH

Data in the New Mexico Produced Water Quality Database v.2 was updated in 2016 for the first time in many years. Data should be used for general informational purposes only. The uncertainties in data collection procedures, analysis quality and specific sample sources make it unsuitable as basis for any significant business or policy decisions. Data was gathered from many sources and about 5400 distinct wells in NM are represented. **More data exists for most samples than is provided by the results screen; the downloadable spreadsheet contains more information including field, formation, sample source (where available), and latitude/longitude.**

Funding for the database was provided by the U.S. DOE, various New Mexico State agencies, NMT, and WRRI.

SEARCH PANEL

API NUMBER 3001502475 Example: 3004511439

WELL NAME TOWNSHIP RANGE
SECTION

Too many or not enough results? Change your search criteria and press the **Submit** button to improve results. There may be more information for these samples. For all available data including lat/long location, press **EXPORT to EXCEL** to create a downloadable file.

RESULT PANEL

| WELLNAME | API | TOWNSHIP | RANGE | SECTION | TDS(mg/L) | Chlorides(mg/L) | Sample Year | Field | Formation |
|------------------|------------|----------|-------|---------|----------------|-----------------|-------------|-------|---------------------|
| BIG EDDY UT #001 | 3001502475 | 21S | 28E | 36 | 16223 ■■■■■ | 7000 | | | DEVONIAN ■■■■■■■ |
| BIG EDDY UT #001 | 3001502475 | 21S | 28E | 36 | 50026 | 29200 | | | ATOKA |
| BIG EDDY UT #001 | 3001502475 | 21S | 28E | 36 | 19941 ■■■■■ | 10700 | | | DEVONIAN ■■■■■■■ |
| BIG EDDY UT #001 | 3001502475 | 21S | 28E | 36 | 31911 | 18000 | | | ATOKA |

PETROLEUM RECOVERY RESEARCH CENTER, SOCORRO, NM-87801



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

EXHIBIT G

(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
smallest to
largest)

| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | (meters) | | (In feet) | | |
|--------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-------------|----------|----------|---------------|----------------|-----------------|
| | | | | | | | | | | | | Map | Distance | Well Depth | Depth Water | Water Column |
| C.03958 POD1 | | C | ED | SE | NE | NW | 17 | 21S | 27E | 573851.7 | 3594378.8 | ● | 446 | 126 | 95 | 31 |
| C.02482 | | C | ED | | SW | SE | 08 | 21S | 27E | 574236.0 | 3594942.0 * | ● | 685 | 287 | 185 | 102 |
| C.01330 | | C | ED | SW | SW | SW | 09 | 21S | 27E | 574941.0 | 3594849.0 * | ● | 1362 | 92 | 80 | 12 |
| C.00377 | C | CUB | ED | | SW | NE | 07 | 21S | 27E | 572621.0 | 3595706.0 * | ● | 1366 | 631 | | |

Average Depth to Water: **120 feet**Minimum Depth: **80 feet**Maximum Depth: **185 feet****Record Count:** 4**Basin/County Search:****Basin:** C**County:** ED**UTM Filters (in meters):****Easting:** 573583**Northing:** 3594735**Radius:** 1610

* 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.

EXHIBIT G



C 03958 POD1 August 2024



Tank west of water well

EXHIBIT G

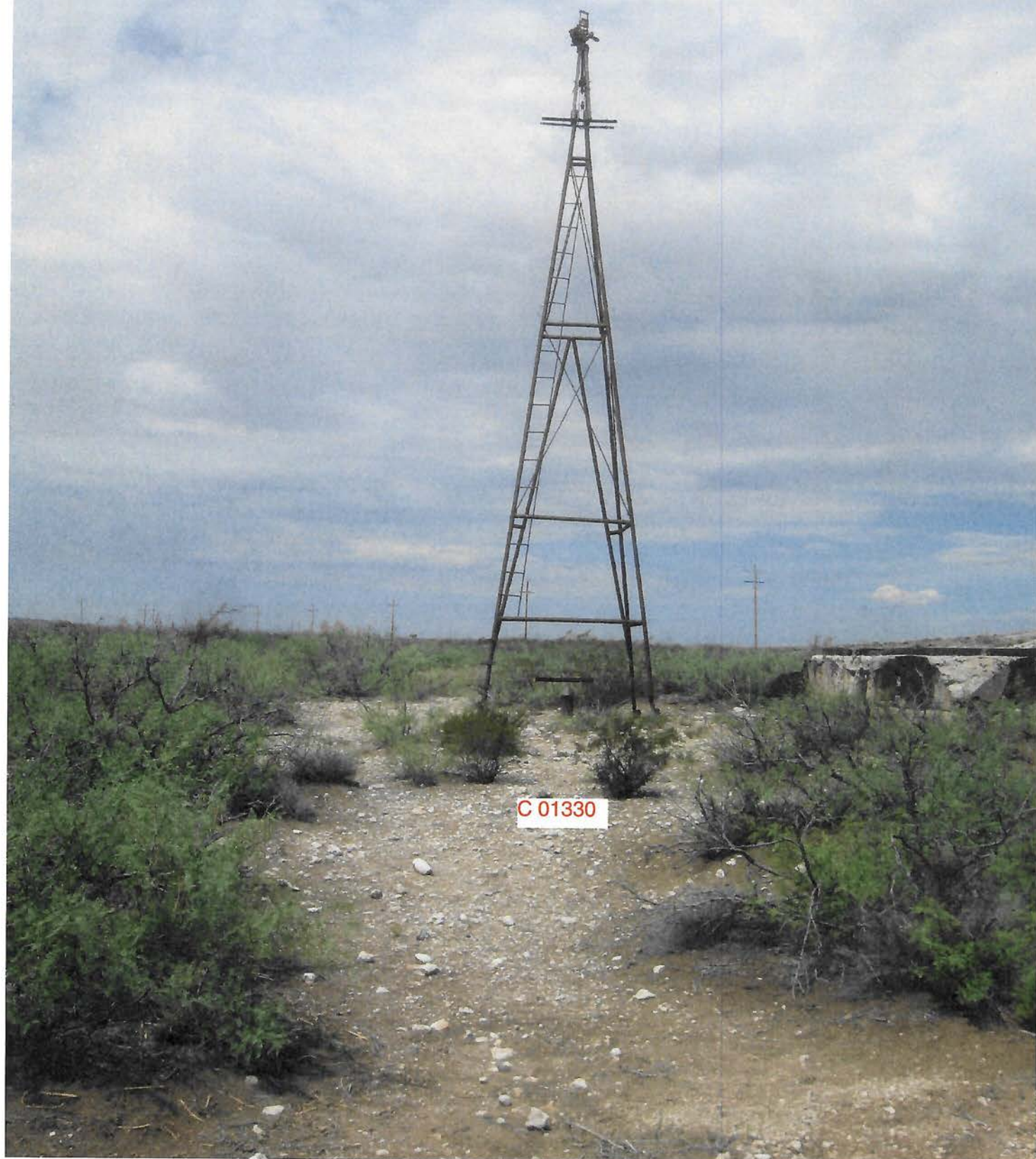


C 03958 POD1 October 2025



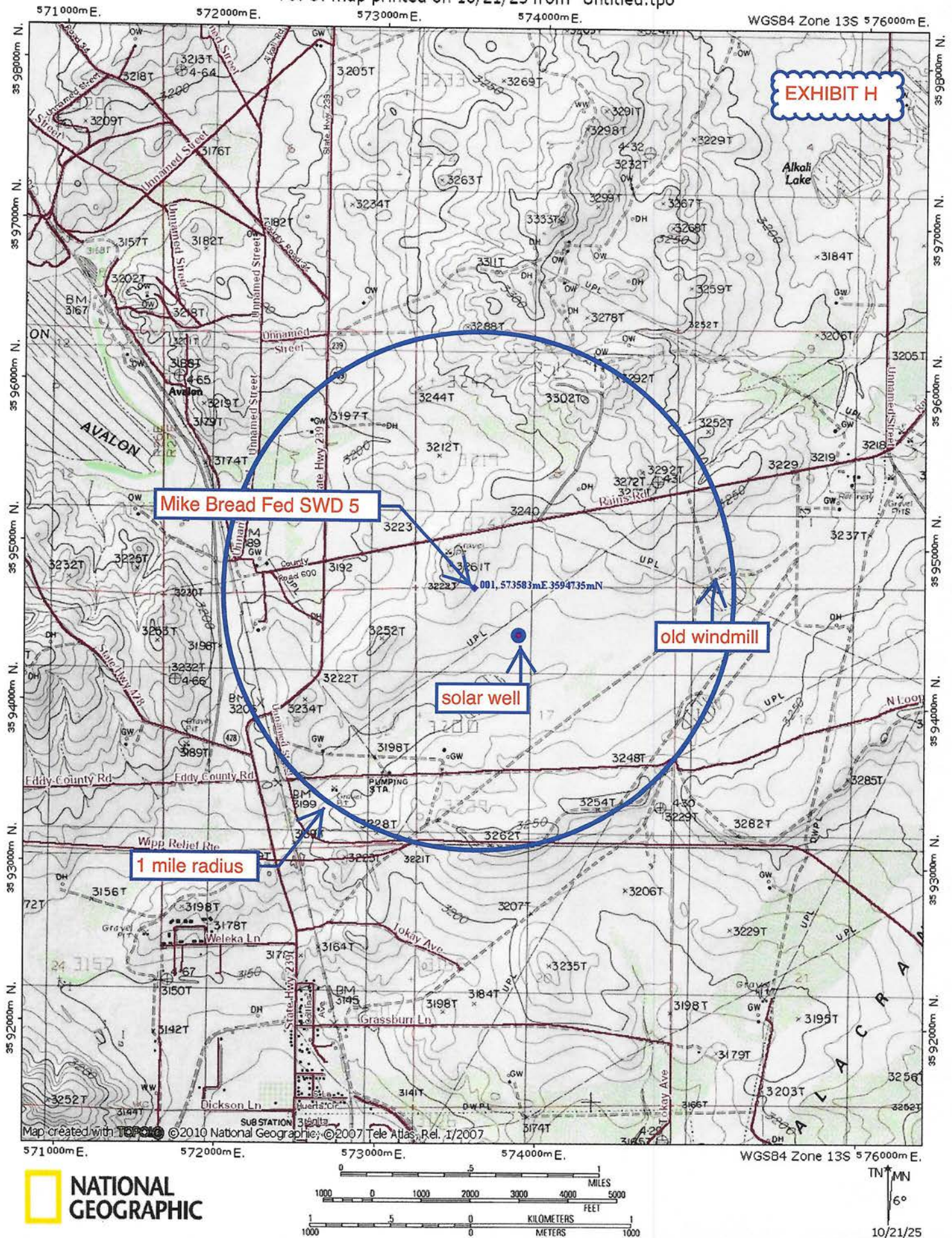
Tank west of water well

EXHIBIT G



C 01330

TOPO! map printed on 10/21/25 from "Untitled.tpo"





Environment Testing



1

2

3

4

5

6

7

8

9

10

11

ANALYTICAL REPORT

PREPARED FOR

Attn: Brian Wood
Permits West Inc
37 Verano Loop
Santa Fe, New Mexico 87508

Generated 9/9/2024 11:00:26 AM

JOB DESCRIPTION

Arrow

JOB NUMBER

885-9970-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

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EXHIBIT H

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Cheyenne Cason, Project Manager
cheyenne.cason@et.eurofinsus.com
(505)345-3975

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Client: Permits West Inc
Project/Site: Arrow

Laboratory Job ID: 885-9970-1

EXHIBIT H

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Definitions/Glossary

Client: Permits West Inc
Project/Site: Arrow

EXHIBIT H

Job ID: 885-9970-1

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| □ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

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Client: Permits West Inc
Project: Arrow

Case Narrative

EXHIBIT H

Job ID: 885-9970-1

Job ID: 885-9970-1**Eurofins Albuquerque**

Job Narrative 885-9970-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 8/15/2024 10:35 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C.

Receipt Exceptions

The Field Sampler was not listed on the Chain of Custody.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Permits West Inc
Project/Site: Arrow



Job ID: 885-9970-1

Client Sample ID: Arrow

Date Collected: 08/14/24 10:50

Date Received: 08/15/24 10:35

Lab Sample ID: 885-9970-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|---|----------|----------------|---------|
| Chloride | 32000 | | 2500 | mg/L | | | 08/26/24 13:27 | 5000 |

General Chemistry

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| HEM (Oil & Grease) (1664B) | ND | | 4.7 | mg/L | | | 08/22/24 11:21 | 1 |
| Total Dissolved Solids (SM 2540C) | 88000 | | 5000 | mg/L | | | 08/20/24 08:58 | 1 |

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QC Sample Results

Client: Permits West Inc
Project/Site: Arrow



Job ID: 885-9970-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-10401/4
Matrix: Water
Analysis Batch: 10401

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|------|------|---|----------|----------------|---------|
| Chloride | ND | | 0.50 | mg/L | | | 08/15/24 15:09 | 1 |

Lab Sample ID: LCS 885-10401/5
Matrix: Water
Analysis Batch: 10401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|------|---|------|----------------|
| Chloride | 5.00 | 4.71 | | mg/L | | 94 | 90 - 110 |

Lab Sample ID: MRL 885-10401/3
Matrix: Water
Analysis Batch: 10401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|------|---|------|----------------|
| Chloride | 0.500 | 0.514 | | mg/L | | 103 | 50 - 150 |

Lab Sample ID: MB 885-11043/6
Matrix: Water
Analysis Batch: 11043

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------------|-----------------|------|------|---|----------|----------------|---------|
| Chloride | ND | | 0.50 | mg/L | | | 08/26/24 09:20 | 1 |

Lab Sample ID: LCS 885-11043/7
Matrix: Water
Analysis Batch: 11043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|------|---|------|----------------|
| Chloride | 5.00 | 4.69 | | mg/L | | 94 | 90 - 110 |

Lab Sample ID: MRL 885-11043/5
Matrix: Water
Analysis Batch: 11043

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|------|---|------|----------------|
| Chloride | 0.500 | 0.516 | | mg/L | | 103 | 50 - 150 |

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 885-10793/1
Matrix: Water
Analysis Batch: 10793

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------|--------------|-----------------|-----|------|---|----------|----------------|---------|
| HEM (Oil & Grease) | ND | | 5.0 | mg/L | | | 08/22/24 11:21 | 1 |

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QC Sample Results

Client: Permits West Inc
Project/Site: Arrow



Job ID: 885-9970-1

Method: 1664B - HEM and SGT-HEM (Continued)

Lab Sample ID: LCS 885-10793/2

Matrix: Water

Analysis Batch: 10793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------|-------------|------------|---------------|------|---|------|-------------|
| HEM (Oil & Grease) | 40.0 | 37.2 | | mg/L | | 93 | 78 - 114 |

Lab Sample ID: LCSD 885-10793/3

Matrix: Water

Analysis Batch: 10793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------|-------------|-------------|----------------|------|---|------|-------------|-----|-----------|
| HEM (Oil & Grease) | 40.0 | 33.0 | | mg/L | | 82 | 78 - 114 | 12 | 20 |

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-10572/1

Matrix: Water

Analysis Batch: 10572

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|------|---|----------|----------------|---------|
| Total Dissolved Solids | ND | | 50 | mg/L | | | 08/20/24 08:58 | 1 |

Lab Sample ID: LCS 885-10572/2

Matrix: Water

Analysis Batch: 10572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|------------------------|-------------|------------|---------------|------|---|------|-------------|
| Total Dissolved Solids | 1000 | 1010 | | mg/L | | 101 | 80 - 120 |

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QC Association Summary

Client: Permits West Inc
Project/Site: Arrow



Job ID: 885-9970-1

HPLC/IC

Analysis Batch: 10401

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| MB 885-10401/4 | Method Blank | Total/NA | Water | 300.0 | |
| LCS 885-10401/5 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MRL 885-10401/3 | Lab Control Sample | Total/NA | Water | 300.0 | |

Analysis Batch: 11043

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-9970-1 | Arrow | Total/NA | Water | 300.0 | |
| MB 885-11043/6 | Method Blank | Total/NA | Water | 300.0 | |
| LCS 885-11043/7 | Lab Control Sample | Total/NA | Water | 300.0 | |
| MRL 885-11043/5 | Lab Control Sample | Total/NA | Water | 300.0 | |

General Chemistry

Analysis Batch: 10572

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-9970-1 | Arrow | Total/NA | Water | 2540C | |
| MB 885-10572/1 | Method Blank | Total/NA | Water | 2540C | |
| LCS 885-10572/2 | Lab Control Sample | Total/NA | Water | 2540C | |

Analysis Batch: 10793

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------------|-----------|--------|--------|------------|
| 885-9970-1 | Arrow | Total/NA | Water | 1664B | |
| MB 885-10793/1 | Method Blank | Total/NA | Water | 1664B | |
| LCS 885-10793/2 | Lab Control Sample | Total/NA | Water | 1664B | |
| LCSD 885-10793/3 | Lab Control Sample Dup | Total/NA | Water | 1664B | |

Eurofins Albuquerque

Lab Chronicle

Client: Permits West Inc
Project/Site: Arrow



Job ID: 885-9970-1

Client Sample ID: Arrow

Date Collected: 08/14/24 10:50

Date Received: 08/15/24 10:35

Lab Sample ID: 885-9970-1

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA | Analysis | 300.0 | | 5000 | 11043 | JT | EET ALB | 08/26/24 13:27 |
| Total/NA | Analysis | 1664B | | 1 | 10793 | MV | EET ALB | 08/22/24 11:21 |
| Total/NA | Analysis | 2540C | | 1 | 10572 | ES | EET ALB | 08/20/24 08:58 |

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Permits West Inc
Project/Site: Arrow

EXHIBIT H

Job ID: 885-9970-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|-------------|-----------------------|------------------------|
| New Mexico | State | NM9425, NM0901 | 02-26-25 |
| The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification. | | | |
| Analysis Method | Prep Method | Matrix | Analyte |
| 1664B | | Water | HEM (Oil & Grease) |
| 2540C | | Water | Total Dissolved Solids |
| 300.0 | | Water | Chloride |
| Oregon | NELAP | NM100001 | 02-26-25 |

Eurofins Albuquerque

1 2 3 4 5 6 7 8 9 10 11

Login Sample Receipt Checklist



Client: Permits West Inc

Job Number: 885-9970-1

Login Number: 9970

List Number: 1

Creator: Proctor, Nancy

List Source: Eurofins Albuquerque

| Question | Answer | Comment |
|--|--------|-------------------------------------|
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | False | Refer to Job Narrative for details. |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling. | N/A | |



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

Re: Geology Statement
San Mateo Stebbins Water Management, LLC
Mike Breard Fed SWD 5
Section 17, T. 21S, R. 27E
Eddy County, New Mexico

To whom it may concern:

Publicly available geologic and engineering data related to the proposed well have been thoroughly reviewed, and no evidence for open faults or any other hydrologic connection between the proposed Devonian injection zone and any underground sources of drinking water has been found. Please see the attached seismic risk assessment for additional information.

Sincerely,

A handwritten signature in cursive script that reads "Cory Walk".

Cory Walk
Geologist



Seismic Risk Assessment
San Mateo Stebbins Water Management, LLC
Mike Breard Fed SWD No. 5
Section 17, Township 21 South, Range 27 East
Eddy County, New Mexico

Cory Walk, M.S.

A handwritten signature in black ink that reads "Cory Walk". The signature is written in a cursive, flowing style.

Geologist

Permits West Inc.

October 30, 2025

EXHIBIT I

GENERAL INFORMATION

Mike Breard Fed SWD 5 is located in the NW 1/4, section 17, T.21S, R.27E, about 3 miles north of Carlsbad, NM in the Permian Basin. San Mateo Stebbins Water Management, LLC proposes to dispose produced water within the Devonian Formation through an open hole from 12,460'-13,640' below ground surface. This report assesses any potential concerns relating to induced seismicity along deep penetrating Precambrian faults or the connection between the injection zone and known underground potable water sources.

SEISMIC RISK ASSESSMENT***Historical Seismicity***

Searching the USGS earthquake catalog resulted in **no (0) earthquakes above a magnitude 2.5 within 6 miles (9.7 km) of the proposed deep disposal site since 1970 (Fig. 1)**. The nearest earthquake occurred on August 14, 2024 about 7.2 miles (11.6 km) northwest of the proposed SWD site and had a magnitude of 2.5.

Basement Faults and Subsurface Conditions

A structure contour map (Fig. 1) of the Precambrian basement shows the Mike Breard Fed SWD 5 is approximately 5.4 miles (8.6 km) from the nearest basement-rooted fault inferred by Horne et al (2021). **Information about known nearby faults based on GIS data from Horne et al. (2021) is listed in Table 1.**

Snee and Zoback (2018) state, "In the western part of Eddy County, New Mexico, S_{Hmax} is ~north-south (consistent with the state of stress in the Rio Grande Rift; Zoback and Zoback, 1980) but rotates to ~east-northeast-west-southwest in southern Lea County, New Mexico and the northernmost parts of Culberson and Reeves counties, Texas." **Around the Mike Breard Fed SWD 5 site, Snee and Zoback indicate a S_{Hmax} direction of N035°E and an A_ϕ of 0.52, indicating an extensional (normal) stress regime.**

Fault Slip Potential (FSP) Modeling

Induced seismicity is a growing concern of deep SWD wells. Software developed by the Stanford Center for Induced and Triggered Seismicity allows for the probabilistic screening of deeply penetrating faults near the proposed injection zone (Walsh et al., 2016; Walsh et al., 2017). This software uses parameters such as stress orientations, fault strike/dip, injection rates, fault friction coefficients, etc. to estimate the potential for fault slip. Using the best available data as input parameters (Table 2) including the subject well injecting at the proposed maximum of 45,000 bbls/day and all other existing SWDs within a 6 mile radius injecting at their individual historical peak annual volume (4 total SWD wells), the Fault Slip Potential (FSP) models suggest an eleven (0.11) percent chance of slip on a nearby fault, inferred by Horne et al. (2021), through the year 2049 (Fig. 2; Table 1). **This model also suggests a pore pressure increase of 30 psi on the nearest publicly known fault (Fault 16; Fig. 3; Table 1) by the year 2049.** Geomechanical modeling shows that the primary fault of concern (fault 16) would need a pressure increase

EXHIBIT I

of 2177 psi to reach a 100% probability of slip on the fault. A 50% probability requires an increase of 249 psi which is 8x greater than the modeled increase of 30 psi (Fig. 3).

GROUNDWATER SOURCES

Quaternary Alluvium acts as the principal aquifer used for potable ground water near the Mike Breard Fed SWD 5 location (Hendrickson and Jones, 1952). Nicholson and Clebsch (1961) state, "Potable ground water is not available below the Permian and Triassic unconformity but, because this boundary is not easily defined, the top of the Rustler anhydrite formation is regarded as the effective lower limit of 'potable' ground water." Around the Mike Breard Fed SWD 5, the top of the Rustler Formation lies at an estimated depth of 170' bgs.

VERTICAL MIGRATION OF FLUIDS

Permeability barriers exist above (Woodford shale; 66 ft thick) and below (Simpson Group; 102 ft thick) the targeted Devonian injection zone (Plate 2, Comer et al., 1991; Fig. 8, Frenzel et al., 1988). Summing the estimated thicknesses of underlying formations found in isopach data presented in Ruppel (2009), the calculated top of the Precambrian basement is at a depth of approximately 14,670' in this area. Therefore, the injection zone lies approximately 1,030' above the Precambrian basement and approximately 12,290' below the previously stated lower limit of potable water at the top of the Rustler formation.

CONCLUDING STATEMENTS

After examination of publicly available geologic and engineering data, there is no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

EXHIBIT I

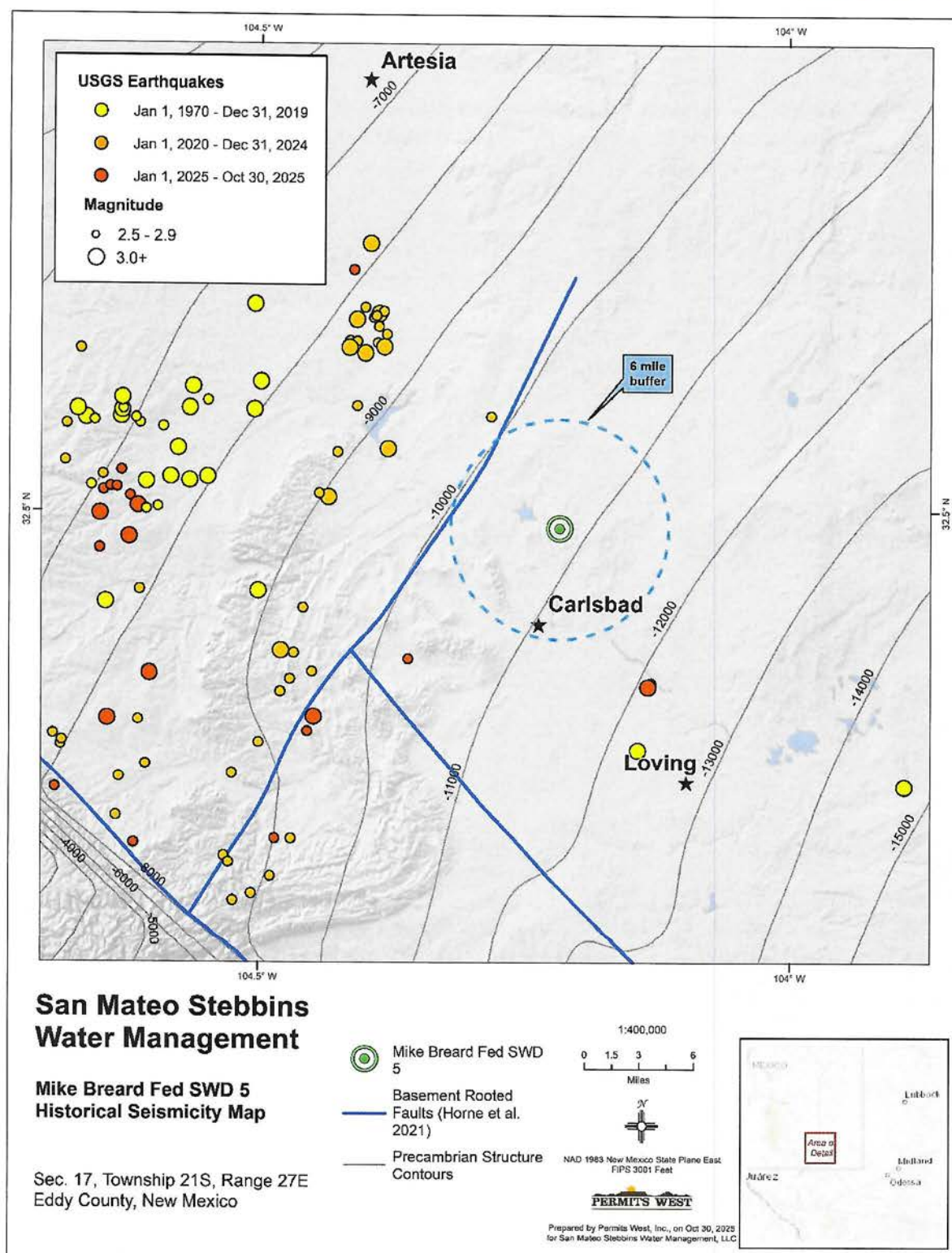


Figure 1. Structural contour map of the Precambrian basement in feet below sea level. Blue lines represent the locations of Precambrian basement-rooted faults (Horne et al., 2021). Mike Breard Fed SWD 5 well lies ~5.4 miles southeast of the closest deeply penetrating fault and 7.2 miles southeast from the closest historic earthquake.



Table 1: Nearby Basement Fault Model Results

| Fault Number | Distance to proposed SWD (mi) | Strike (°) | Dip (°) | FSP (2049) | Δ Pore Pressure after 24 years (psi) | Δ Pore Pressure needed for 100% FSP (psi) | Δ Pore Pressure needed for 50% FSP (psi) |
|--------------|-------------------------------|------------|---------|------------|---|--|---|
| Fault 16 | 5.4 | 32 | 70 | 0.11 | 30 | 2177 | 249 |
| Fault 17 | 5.5 | 35 | 70 | 0.11 | 29 | 2227 | 252 |
| Fault 1 | 13.1 | 131 | 65 | 0.00 | 8 | 4683 | 2812 |

Table 2: Fault Slip Potential model input parameters

| Faults | Value | Notes |
|--|-------|---|
| Friction Coefficient | 0.58 | Ikari et al. (2011) |
| Dip Angle (deg) | 60-72 | Horne et al. (2021) |
| Stress | | |
| Vertical stress gradient (psi/ft) | 1.1 | Hurd and Zoback (2012) |
| Max Horizontal Stress Direction (deg) | 35 | Snee and Zoback (2018) |
| Depth for calculations (ft) | 13640 | Proposed injection zone |
| Initial Reservoir Pressure Gradient (psi/ft) | 0.7 | calculated from mud wt (ppg) used in drilling at these depths |
| A Phi Parameter | 0.52 | Snee and Zoback (2018) |
| Reference Friction Coefficient | 0.58 | Ikari et al. (2011) |
| Hydrology | | |
| Aquifer thickness (ft) | 1180 | Proposed injection zone |
| Porosity (%) | 6 | |
| Permeability (mD) | 150 | |
| Injection Rate (bbl/day) | 30000 | Maximum proposed injection rate |

EXHIBIT I

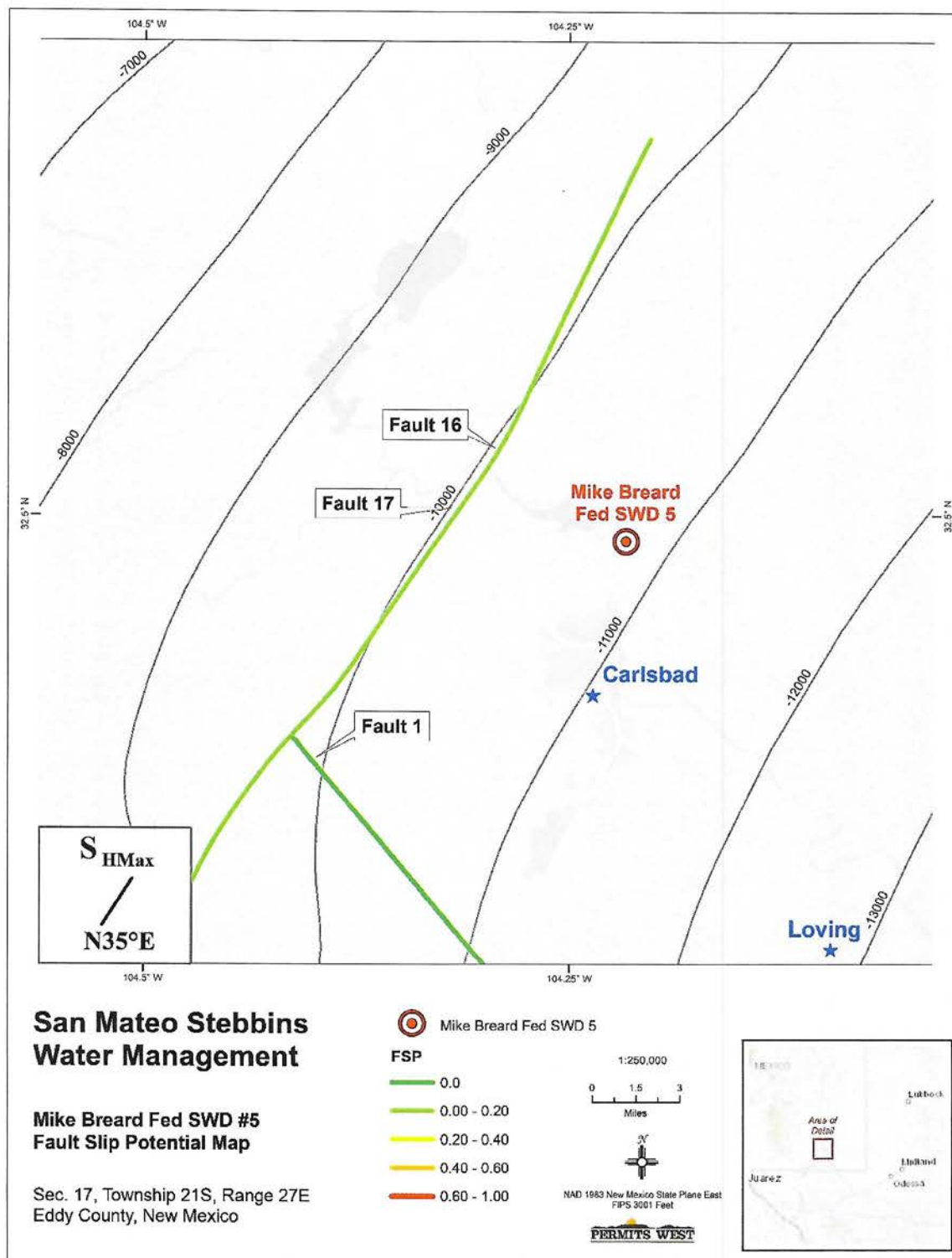


Figure 2. Precambrian fault map of the Mike Breard Fed SWD 5 area as mapped by Horne et al. (2021). Faults are colored based on probability of fault slip as modeled using Fault Slip Potential software (Walsh and Zoback, 2016). Labeled values represent the calculated fault slip potential using the parameters indicated in Table 2. Contours show the top of the Precambrian basement in feet below sea level.

EXHIBIT I

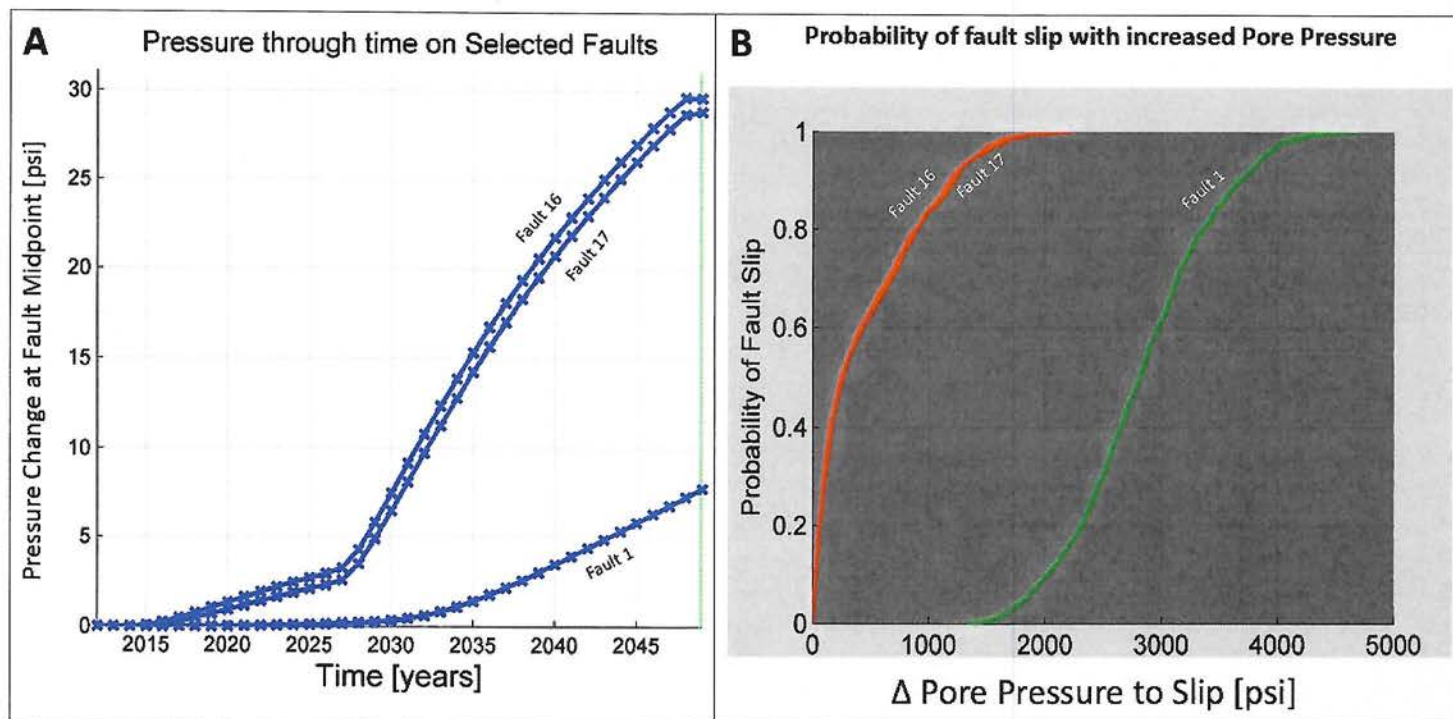


Figure 3. A) Plot showing the modeled change of pore pressure on nearby faults through time as a response to the proposed SWD well. B) Plot showing the required pore pressure increase needed to produce specific probabilities of fault slip on nearby faults.



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SAN MATEO STEBBINS WATER MANAGEMENT, LLC
MIKE BREARD FED SWD 5
11' FNL & 1151' FWL
SEC. 17, T. 21 S., R. 27 E., EDDY COUNTY, NM

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I. Goal is to drill a 13,640' deep commercial saltwater disposal well on BLM surface and NMSLO minerals. Disposal interval will be 12,460' - 13,640' in the SWD; Devonian (96101). See Exhibit A for C-102 and map.

II. Operator: San Mateo Stebbins Water Management, LLC [OGRID 328762]
Operator phone number: (972) 371-5467
Operator address: 5400 LBJ Freeway, Suite 1500, Dallas TX 75240
Contact for Application: Brian Wood (Permits West, Inc.)
Phone: (505) 466-8120

III. A. (1) Lease (NMSLO): L0-5036-0005
Lease Area: N2 17-21s-27e Lease Size: 320.00 acres
Well name and number: Mike Breard Fed SWD 5
Location: 11' FNL & 1151' FWL Section 11, T. 21 S., R. 27 E.

A. (2) Surface casing (26", 202#, X-60, Frank DDS) will be set at 350' in a 32" hole and cemented to GL with 760 sacks (based on 50% excess) Class C.

First intermediate casing (20", 107#, J-55, BUTT) will be set at 940' in a 24" hole and cemented to GL with 830 sacks (based on 50% excess) Class C.

Second intermediate casing (13.375", 68#, J-55, BUTT) will be set at 2,763' in a 17.5" hole and cemented to GL with 1,670 sacks (based on 50% excess) Class C.

Third intermediate casing (9.625", 40#, P-110 EC, BUTT) will be set at 9,291' in a 12.25" hole and cemented to GL with 1,860 sacks (based on 35% excess) TXI.

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Production liner (7.625", 33.7#, P-110 HP, USS Liberty FJM) will be set from 8,791' to 12,460' in an 8.75" hole and cemented to 8,791' with 350 sacks Class H.

A 6.5" open hole will be drilled from 12,460' to 13,650'.

- A. (3) Tubing will be IPC lined. Seven-inch, 26#, P-110, BUTT will be run from GL to 8691'. 5.5", 17#, P-110, BUTT will be run from 8,691' to $\geq 12,360'$. (Disposal interval will be 12,460' to 13,640'.)
- A. (4) A stainless steel and/or nickel packer will be set at $\geq 12,360'$. (Top of the open hole which will be at 12,460').
- B. (1) Disposal zone will be the Devonian (SWD; Devonian (96101) pool). Estimated fracture gradient is from ≈ 0.62 to ≈ 0.68 psi per foot. Variation depends on whether limestone or dolomite.
- B. (2) Disposal interval will be open hole from 12,460' to 13,640'.
- B. (3) Well has not been drilled. It will be drilled as a saltwater disposal well.
- B. (4) No perforated intervals are in the well.
- B. (5) Estimated Devonian top is 12,450'. Closest oil or gas zone above the Devonian in the area of review is the Morrow, at a depth range of approximately 10,912' – 11,519'. There is no oil and gas zone below the Devonian in the area of review. Closest Devonian producer is >7 miles away.

IV. This is not an expansion of an existing injection project. It is disposal only.

V. Exhibit B shows and tabulates the 23 wells and within a 5,457' radius. Deepest TVD is 11,800' (Barnett shale). Closest approved SWD; Devonian well (30-015-

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32274) is 2.68 miles northeast in F-3-21s-27e. Closest Devonian oil or gas well is >7 miles away. Exhibit C shows the 154 existing wells (33 oil or gas, 61 P&A, 2 SWD (1 Delaware & 1 Yates), and 58 water) within a 2-mile radius.

All leases within a one-mile radius are BLM or NMSLO. (Closest fee lease is 5,289' southeast.) Exhibit D shows and tabulates all the leases (BLM, NMSLO) within a mile. Exhibit E shows all lessors within a two-mile radius. Two-mile radius leases are BLM, fee, or NMSLO.

VI. No Devonian penetrator is within a mile. Deepest well within a 5,457' radius is 11,800'. That well bottomed in the Barnett shale. Devonian top is estimated at 12,450'.

- VII.
1. Average injection rate will be $\approx 40,000$ bwpd. Maximum injection rate will be 45,000 bwpd.
 2. System will be open and closed. Water will both be trucked and piped.
 3. Average injection pressure will be $\approx 2,000$ psi. Maximum injection pressure will be 2,492 psi ($= 0.2$ psi/foot $\times 12,460'$ (top of open hole)).
 4. Disposal water will be produced water, mainly from Bone Spring, Delaware, and Wolfcamp wells. There are 124 approved Bone Spring wells, 50 approved Delaware wells, and 67 approved Wolfcamp wells in T. 21 S., R. 26 & 27 E. The well will also take other Permian Basin waters. A summary of produced water analyses from T. 21 S., R. 26 & 27 E. is in Exhibit F. (Analyses are from New Mexico Produced Water Quality Database v.2.) Compatibility problems are not expected. At least 9,851,572 barrels of water have been disposed in a Devonian SWD (30-015-32274) that is 2.68 miles northeast in F-3-21s-27e.
 5. No Devonian production is within >7 miles. Devonian water TDS was measured (Exhibit F) at 16,223 mg/l and 19,941 mg/l in 30-015-02475, nine miles east in 36-21s-28e.

VIII. The Devonian ($\approx 1,190'$ thick) is comprised of limestone and dolomite. Closest possible underground source of drinking water above the proposed disposal interval

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is the Quaternary sandstone, gravel, and conglomerate at the surface. Deepest water well within a mile is 631'. No water data was reported in it. Deepest reported water bearing strata was 270'. Anhydrite and gypsum were reported from 275' to 581' in 30-015-01052 in E-17-21s-27e.

According to State Engineer Office (SEO) records (Exhibit G), four water wells are within a mile. Two of the four wells were found during August 14, 2024, and October 16 and 26, 2025 field inspections. C 03958 POD1 was sampled during the first visit. However, the solar panel and pump wiring had been removed by the time of the October 16 and 25, 2025 inspections. The well could not be sampled a second time. C 01330 is a rod-less and vaneless windmill. No underground source of drinking water is below the proposed disposal interval.

Formation tops are:

Quaternary = 0'
 Yates = 567'
 Capitan = 990'
 Bell Canyon = 2,713'
 Bone Spring = 4,713'
 Wolfcamp = 8,797'
 Strawn = 10,157'
 Morrow = 11,000'
 Woodford shale = 12,370'
 Devonian carbonate = 12,450'
disposal interval = 12,460' - 13,640'
 TD = 13,640'
 (Montoya = 13,650'
 Basement = 14,500')

Four water wells are within a 1-mile radius according to State Engineer records (Exhibit G). Two were found during 2024 and 2025 inspections. There will be more than two miles of vertical separation and shale, salt, and anhydrite intervals between the bottom of the only likely underground water source (Quaternary) and the top of the Devonian.

IX. The well will be stimulated with acid.

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X. Gamma MWD log will be run from intermediate casing to TD. CBL/CCL log will be run as far as gravity will let it fall.

XI. Two water wells were found within a mile during three field inspections in 2024 and 2025. One was a partially dismantled windmill. The other, a solar powered water well, was sampled in 2024. Solar panel and pump wiring had been removed in 2025. The 2024 analysis is in Exhibit H.

XII. San Mateo Stebbins Management, LLC (Exhibit I) is not aware of any geologic or engineering data that may indicate the Devonian is in hydrologic connection with any underground sources of water. As of October 29, 2025, there were 159 active Devonian SWD wells and 6 active Devonian water injection wells in New Mexico.

XIII. A legal ad (Exhibit J) was published in the Carlsbad Current Argus October 9, 2025. Notice (this application) will be sent to the surface owner (BLM) and all operators, lessees, and unleased mineral interest owners within a mile who are required to receive notice (Exhibit K).

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

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

CONDITIONS

Action 529114

CONDITIONS

| | |
|---|--|
| Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240 | OGRID: 228937 |
| | Action Number: 529114 |
| | Action Type: [C-108] Fluid Injection Well (C-108) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|-----------|----------------|
| stacy.sandoval | None | 12/8/2025 |