

AE Order Number Banner

Application Number: pDZD2620235132

Initial Application Part I

SWD-2701

Tamaroa Operating, LLC [328666]

Received: 7/08/2026

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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: TAMAROA OPERATING, LLC OGRID Number: 328666
 Well Name: MOONSHOT 1 API: 30-005-64314
 Pool: SWD; FUSSELMAN Pool Code: 96104

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

- ☐ Notice Complete
☐ 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

7-3-26

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

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance XXX Disposal Storage
Application qualifies for administrative approval? XXX Yes No
- II. OPERATOR: TAMAROA OPERATING, LLC
ADDRESS: P. O. BOX 560430, THE COLONY, TX 75056-0430
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:
- MOONSHOT 1**
30-005-64314
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: JULY 1, 2026
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.

Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION



C-102

Revised July 9, 2024
Submit Electronically
via OCD Permitting

Submittal
Type:

☐ Initial Submittal
☒ Amended Report CHANGE POOL
☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-005-64314	Pool Code 96104	Pool Name SWD; FUSSELMAN
Property Code	Property Name MOONSHOT	Well Number 001
OGRID No. 328666	Operator Name TAMAROA OPERATING, LLC	Ground Level Elevation 4068'
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	26	7 S	28 E		2112' FSL	2467' FWL	33.67646°	-104.05949	CHAVES

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
K	26	7 S	28 E		2112' FSL	2467' FWL	33.67646°	-104.05949°	CHAVES

Dedicated Acres N/A	Infill or Defining Well N/A	Defining Well API N/A	Overlapping Spacing Unit (Y/N) N/A	Consolidation Code N/A
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No N/A	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	

Last Take Point (LTP)

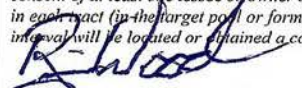
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	

Unitized Area or Area of Uniform Interest N/A	Spacing Unit Type ☐ Horizontal ☒ Vertical N/A	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

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.

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.


6-21-26

Signature

Date

BRIAN WOOD (505) 466-8120

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

ORIGINAL SURVEY BY
CHAD HARCROW
ON FILE WITH NMOCD

Signature and Seal of Professional Surveyor

Certificate Number

17777

Date of Survey

DEC. 21, 2017

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

EXHIBIT A

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators dedicating acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

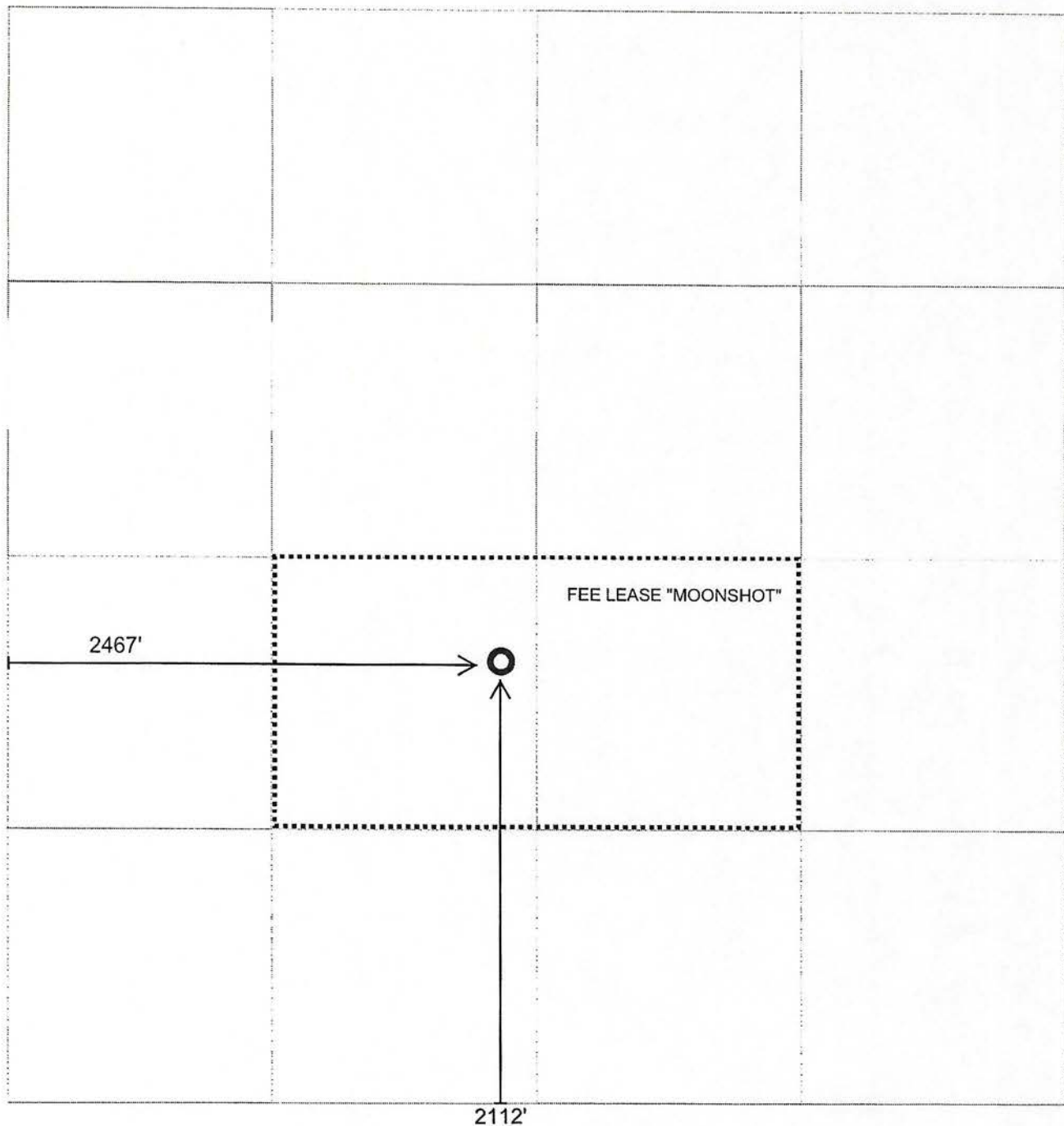


EXHIBIT A

DISTRICT I
1635 N. FRENCH DR., HOBBBS, NM 88340
Phone: (505) 808-6161 Fax: (505) 888-8780

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9780

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 534-6178 Fax: (505) 334-6170

DISTRICT IV
1820 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3490 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-005-	Pool Code	Pool Name ;Fusselman
Property Code	Property Name MOONSHOT	Well Number 1
OGED No. 14187	Operator Name MARSHALL & WINSTON, INC.	Elevation 4068.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	7-S	28-E		2112	SOUTH	2467	WEST	CHAVES

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Date: 04/20/2018 Signature: <u>Melanie J. Wilson</u> Printed Name: Melanie J Wilson E-mail Address: mjp1692@gmail.com
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: DECEMBER 21, 2017 Signature & Seal of Professional Surveyor: Certificate No. CHAD HARCROW 17777 W.O. # 17-1589 DRAWN BY: JH

INJECTION WELL DATA SHEET

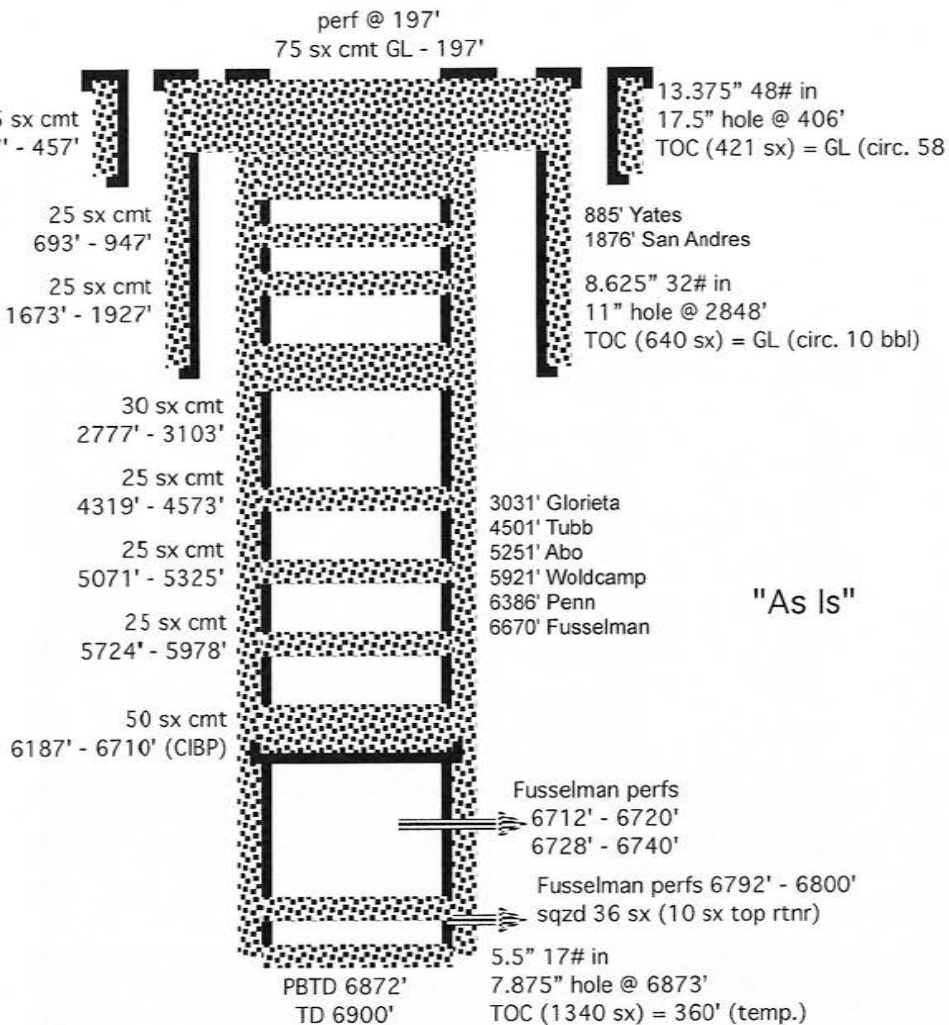
Side 1

OPERATOR: TAMAROA OPERATING, LLC

WELL NAME & NUMBER: MOONSHOT 1

WELL LOCATION: 2112' FSL & 2467' FWL
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE
K 26 7 S 28 E

WELLBORE SCHEMATIC



(not to scale)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17.5" Casing Size: 13.375"
Cemented with: 421 sx. or ft³
Top of Cement: SURFACE Method Determined: CIRC. 58 BBL

Intermediate Casing

Hole Size: 11" Casing Size: 8.625"
Cemented with: 640 sx. or ft³
Top of Cement: SURFACE Method Determined: CIRC. 10 BBL

Production Casing

Hole Size: 7.875" Casing Size: 5.5"
Cemented with: 1340 sx. or ft³
Top of Cement: 360' Method Determined: TEMP. SURV.
Total Depth: CASING TD = 6873' & WELL TD = 6900'

Injection Interval

6677 feet to 6900'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 3.5" 9.3# Lining Material: INTERNAL PLASTIC COATType of Packer: ARROWSET INJECTION PACKER OR ITS EQUIVALENTPacker Setting Depth: 6567' OR DEEPER

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

Additional Data

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

If no, for what purpose was the well originally drilled? FUSSELMAN OIL WELL

2. Name of the Injection Formation: FUSSELMAN

3. Name of Field or Pool (if applicable): SWD; FUSSELMAN (POOL CODE 96104)

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. _____

YES - FUSSELMAN PERFS (6712' - 6720', 6728' - 6740, & 6792' - 6800')

6792' - 6800' SQUEEZED W/ 36 SX

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

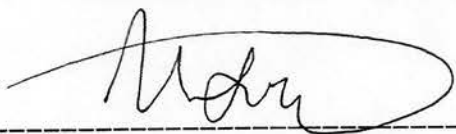
OVER: SAN ANDRES (1876')

UNDER: NONE

AFFIDAVIT OF PUBLICATION
STATE OF NEW MEXICOI, Noely L Martinez
Legals Clerk

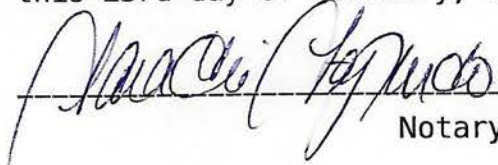
Of the Roswell Daily Record, a daily newspaper published at Roswell, New Mexico do solemnly swear that the clipping hereto attached was published in the regular and entire issue of said paper and not in a supplement thereof for a period of:

One time with the issue dated
February 21, 2026



Clerk

Sworn and subscribed to before me
this 23rd day of February, 2026



Notary Public



LEGALS

EXHIBIT J

Public Notice...

Publish February 21, 2026

Tamaroa Operating, LLC is applying to re-enter the plugged and abandoned Moonshot 1(30-005-64314) well and convert it to a saltwater disposal well. The well is at 2112' FSL & 2467' FWL, Sec. 26, T. 7 S., R. 28 E., Chaves County, NM. This is 33 miles northeast of Roswell, NM. Water will be injected at a maximum pressure of 1335 psi into the Fusselman formation from 6,677' to 6,900'. Maximum disposal rate will be 10,000 bwpd. Interested parties must file objections, protests, or requests for hearing with the NM Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 or OCD.Engineer@emnrd.nm.gov within 15 days. NMOCD Engineering Bureau phone is 505 476-3441. Additional information can be obtained by contacting: Brian Wood, Permits West, Inc., 5 Caliente Rd., Suite 3A, Santa Fe, NM 87508. Phone number is (505) 466-8120.



July 1, 2026

Crossroads West Phoenix, LLC
9 W. 57th St., Suite 4500
New York, NY 10019

TYPICAL NOTICE

Tamaroa Operating, LLC is applying (see attached application) to re-enter the plugged and abandoned Moonshot 1 oil well and convert it to a saltwater disposal well. As required by NM Oil Conservation Division (NMOCD) Rules, I am notifying you of the following proposed saltwater disposal well. No action is needed unless you have questions or objections.

Well Name: Moonshot 1 (fee lease) ID = 6900'
Proposed Disposal Zone: Fusselman from 6677' to 6900'
Where: 2112' FSL & 2467' FWL Sec. 26, T. 7 S., R. 28 E., Chaves County, NM
Approximate Location: 33 air miles northeast of Roswell, NM
Applicant Name: Tamaroa Operating, LLC (972) 867-0006
Applicant's Address: P. O. Box 560430, The Colony, TX 75056-0430

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,

Brian Wood

9589 0710 5270 1338 0325 93

U.S. Postal ServiceTM

CERTIFIED MAIL[®] RECEIPT

Domestic Mail Only

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

Houston, TX 77101

Certified Mail Fee \$5.30
\$4.40
Extra Services & Fees (check box, add fees appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$

Postage \$2.44

Total Postage and Fees \$12.14

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

0535
01Postmark
Here

EXHIBIT J

9589 0710 5270 1338 0326 09

U.S. Postal ServiceTM

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

R05W211, NH 88203

Certified Mail Fee \$5.30
\$4.40
Extra Services & Fees (check box, add fees appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$

Postage \$2.44

Total Postage and Fees \$12.14

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

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01Postmark
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9589 0710 5270 1338 0326 16

U.S. Postal ServiceTM

CERTIFIED MAIL[®] RECEIPT

Domestic Mail Only

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

New York, NY 10019

Certified Mail Fee \$5.30
\$4.40
Extra Services & Fees (check box, add fees appropriate)
☐ Return Receipt (hardcopy) \$0.00
☐ Return Receipt (electronic) \$0.00
☐ Certified Mail Restricted Delivery \$0.00
☐ Adult Signature Required \$0.00
☐ Adult Signature Restricted Delivery \$

Postage \$2.44

Total Postage and Fees \$12.14

Sent To

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

City, State, ZIP+4[®]

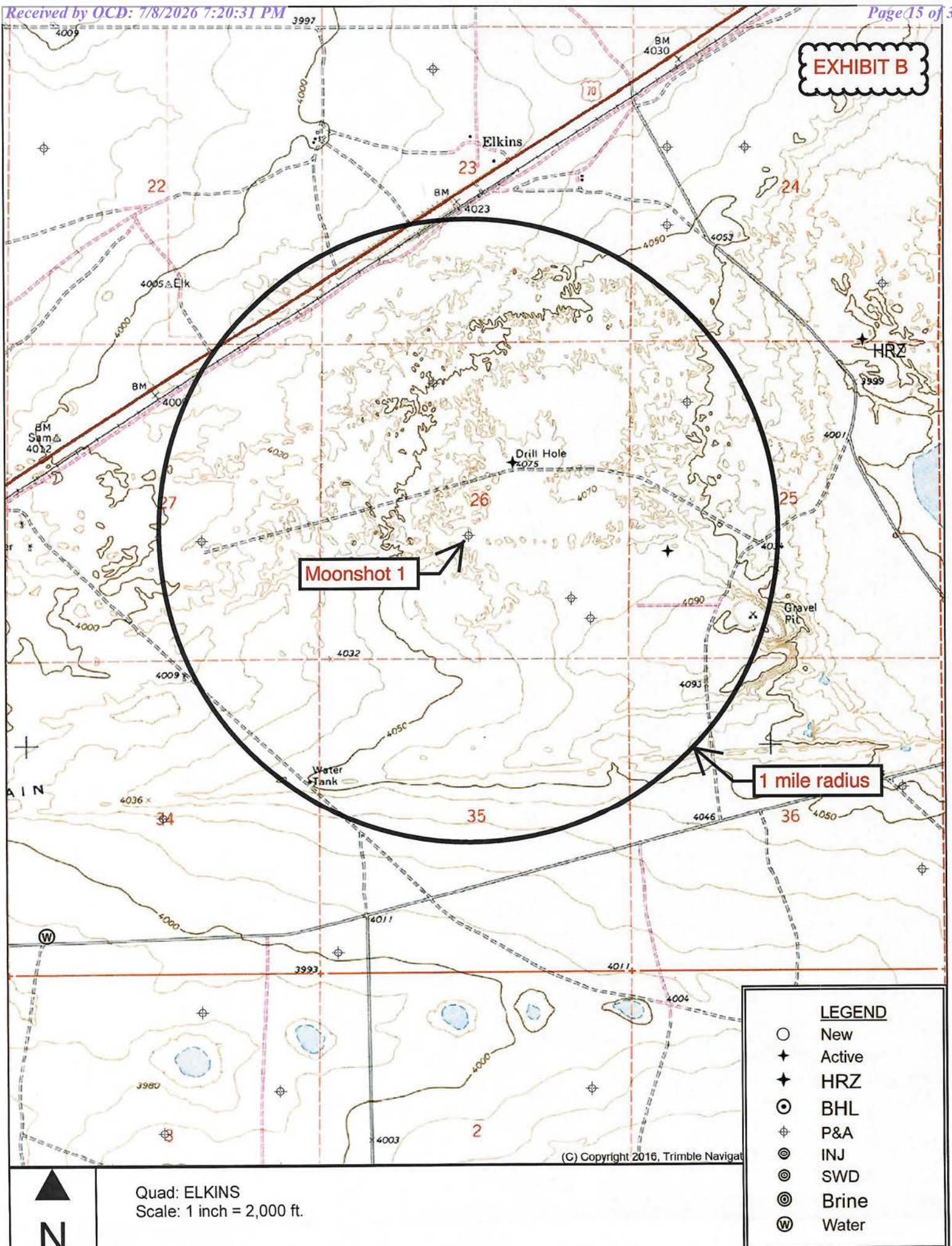
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions

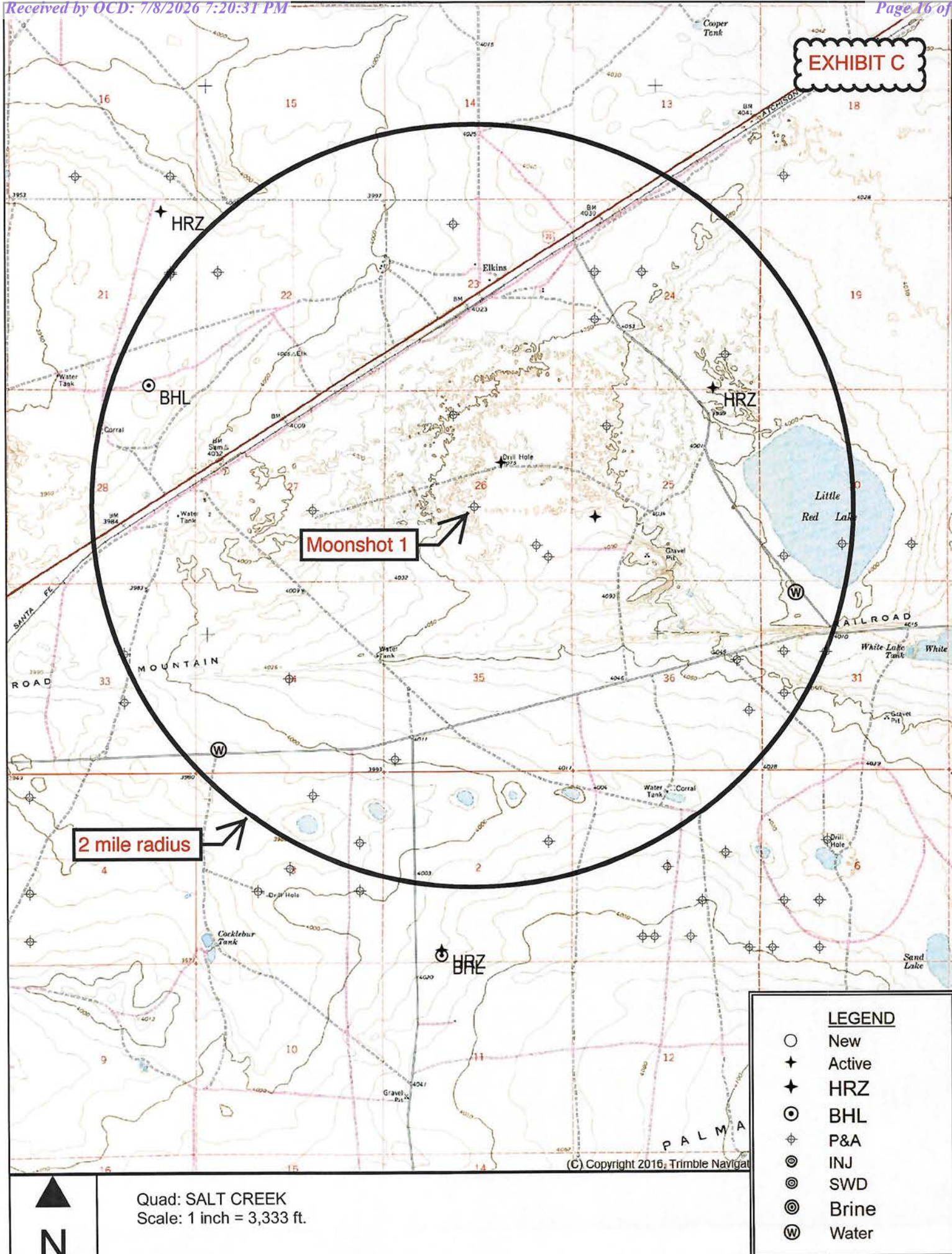
0535
01Postmark
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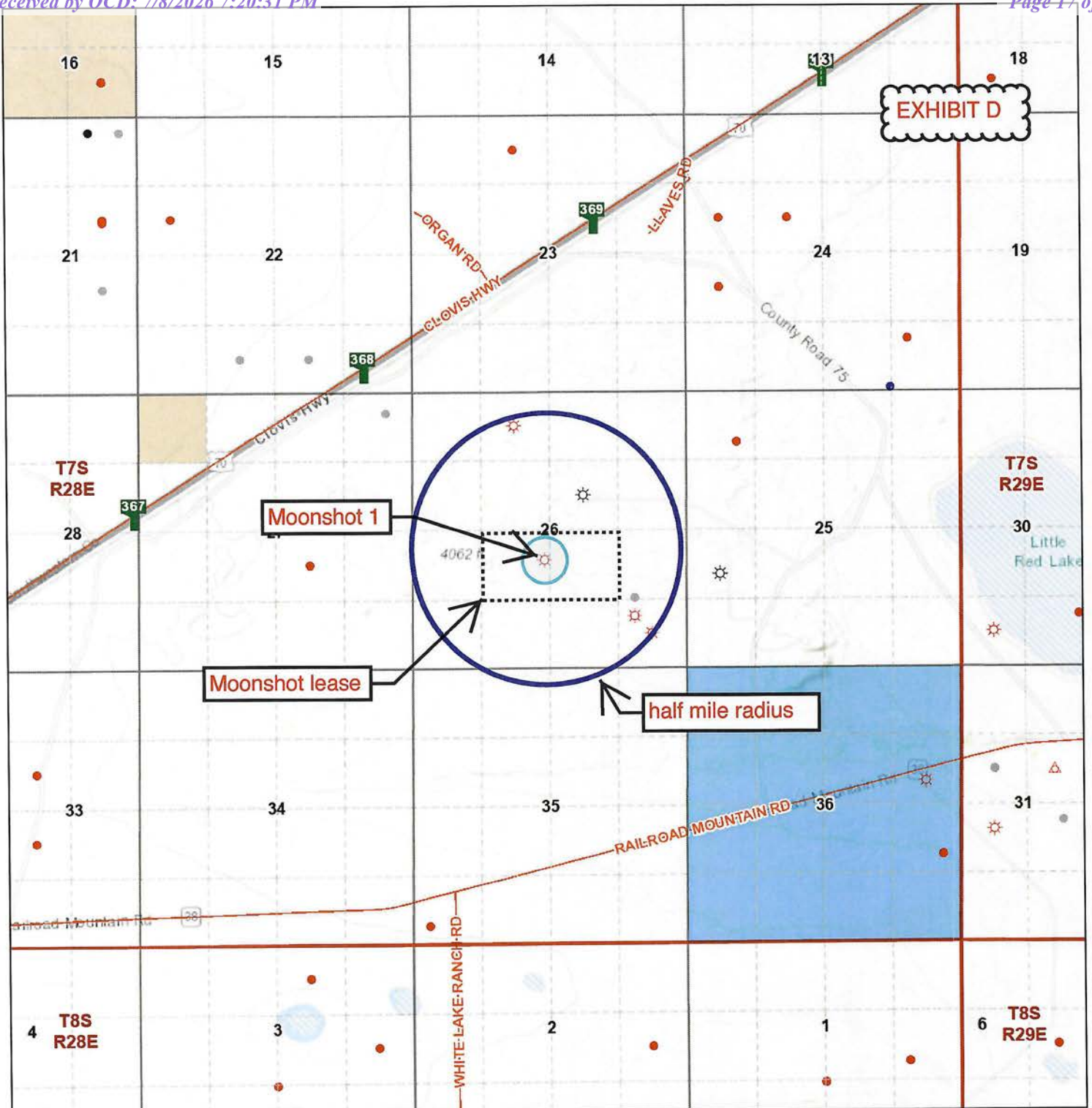
SORTED. BY DISTANCE FROM MOONSHOT 1

API	OPERATOR	WELL	STATUS NOW	UNIT-SECTION-T75-R28E	TVD	ZONE @ TD	FEET FROM TAMAROA MOONSHOT 1
3000510187	MEW Enterprise	Brian Lowe 001	G (San Andres)	G-26	7100	Montoya	1499
3000510546	Cities	O'Brien C 001	P&A	J-27	3070	Glorieta	4402
3000563170	MEW Enterprise	J Kyle 001	P&A	C-26	2690	San Andres	2548
3000560240	C & K	O'Brien 001	P&A	M-25*	7020	Montoya	3042
3000562014	N Dale Nichols	J O'Brien Com 001	G (San Andres)	L-25	7305	Fusselman	3563
3000560822	MEW Enterprise	Skip 001	P&A	P-26	7225	Fusselman	2640
3000562536	N Dale Nichols	J Paul 001	P&A	D-25	2763	San Andres	4464
3000500340	Atha	Light Cap 1	P&A	K-26	3000	San Andres	6273
*NMOCD records show well in P-26 and M-25. GoogleEarth confirms M-25 is correct.							

EXHIBIT B







Oil, Gas, and Minerals Leases and Wells

0 0.2 0.4 0.8
mi



New Mexico State Land Office

Disclaimer:

The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

Map Created: 4/30/2026

- Override 1
- Subdivisions
- Sections
- Townships
- County Boundaries
- State Boundary
- County Seats

NMOCDC_Inactive

Symbology

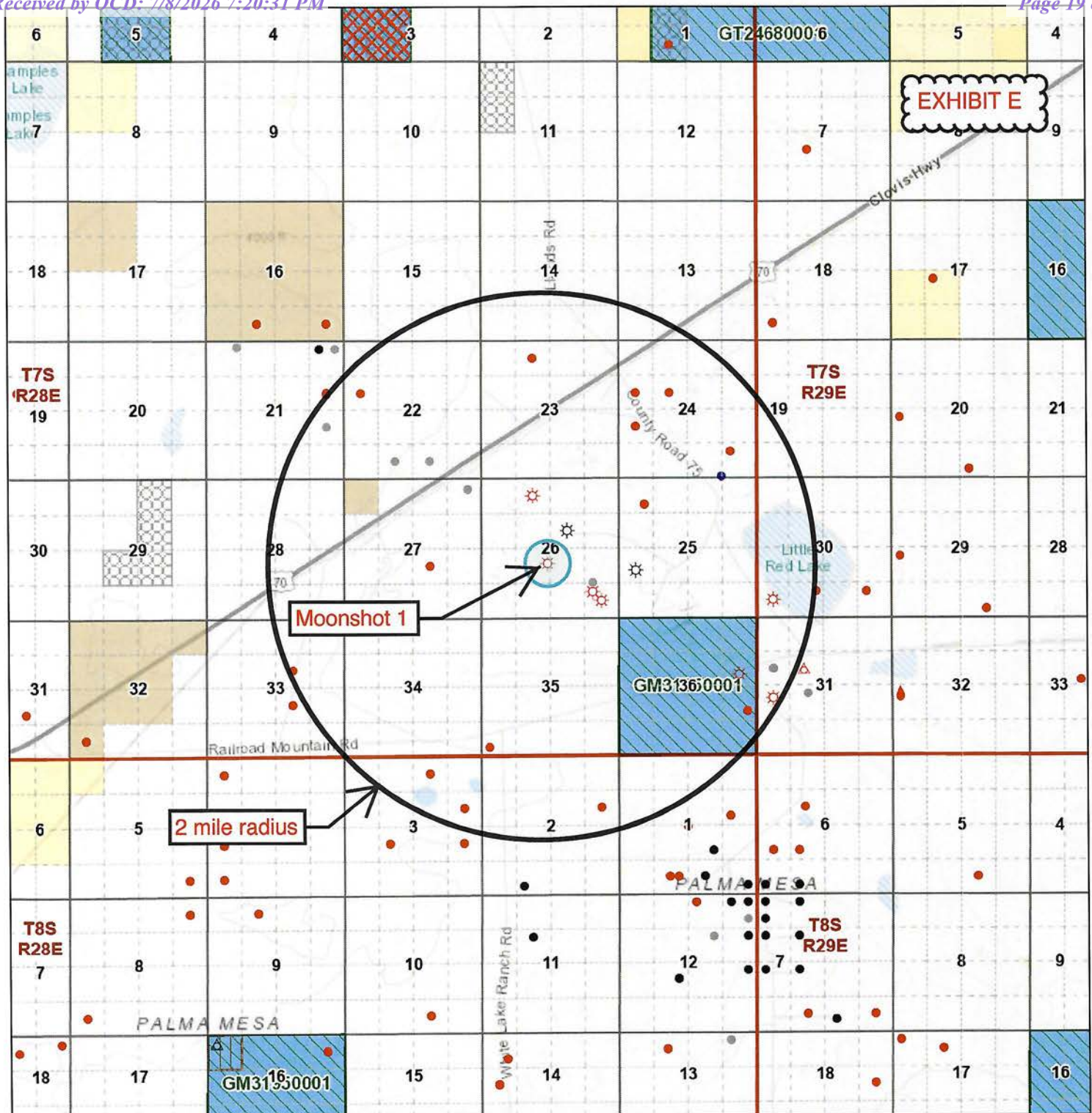
- Miscellaneous
- CO2 Cancelled
- CO2, Plugged
- CO2, Temporarily Abandoned
- Gas, Cancelled
- Gas, Plugged



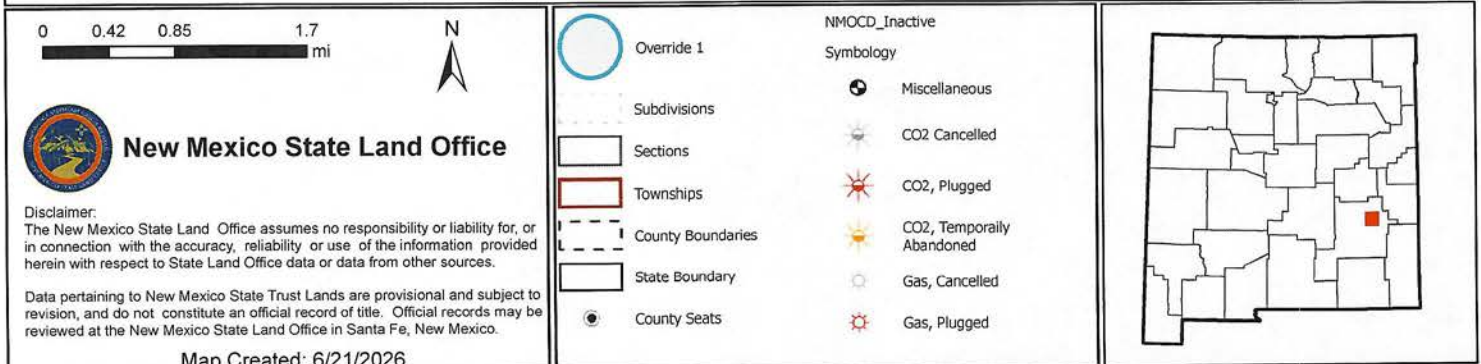
MOONSHOT 1 AREA OF REVIEW LEASES

Aliquot Parts in Area of Review (T. 7 S., R. 28 E.)	Lessor	Lease	Lessee of Record	Well Operators (none Fusselman)
NESW & NWSE Sec. 26	fee	Moonshot	Tamaroa	none
remainder of area of review	fee	unleased	Moon Co. Trust (mineral owner)	none

EXHIBIT D



Oil, Gas, and Minerals Leases and Wells



PRODUCED WATER CONSTITUENTS IN MG/L

API	SECTION	TOWNSHIP	RANGE	FORMATION	TDS	MANGANESE	CHLORIDE	CARBONATE	BICARBONATE	SULFATE
3000500230	5	08S	27E	San Andres	14410		792	1605	9965	
3000500230	5	08S	27E	San Andres	11460		40		101	6268
3000520614	32	09S	30E	Wolfcamp	286755		169000		215	5700
3000500403	36	07S	29E	Pennsylvanian	306510	181930		90	5329	
3000500403	36	07S	29E	Pennsylvanian	291413	181524		173	1827	
3000500403	36	07S	29E	Pennsylvanian	116826	74620		246	774	
3000562057	18	10S	28E	Devonian	45043		24800		463	1876
3004120411	18	05S	33E	Fusselman	99787		60600		420	800
3004120411	18	05S	33E	Fusselman	98248		59600		512	680



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

EXHIBIT H

(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)

1 mile = 1610 meters

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)		(In feet)	
													Distance	Well Depth	Depth Water	Water Column
RA 10026		RA	CH	SW	SW	SE	22	07S	28E	585733.0	3727732.0 *	●	1792	185		
RA 13573 POD5		RA	CH	NW	NE	SE	28	11S	29E	589756.0	3725584.2	●	2795	100		
RA 09733		RA	CH	NE	NW	NW	31	07S	29E	589987.0	3725972.0 *	●	2891	783	600	183
RA 09736		RA	CH		SW	SW	34	07S	28E	585046.0	3724608.0 *	●	2977	883	600	283

Average Depth to Water: **600 feet**Minimum Depth: **600 feet**Maximum Depth: **600 feet****Record Count:** 4**Basin/County Search:****County:** CH**UTM Filters (in meters):****Easting:** 587184**Northing:** 3726680**Radius:** 003220

* 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.



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

Re: Geology Statement
Tamaroa Operating LLC
Moonshot #1 (30-005-64314)
Section 26, T. 7S, R. 28E
Chaves 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 Fusselman injection zone and any underground sources of drinking water has been found. Please see the attached seismic risk assessment for additional information.

Sincerely,

Cory Walk
Geologist



Seismic Risk Assessment
Tamaroa Operating, LLC
Moonshot No. 1
Section 26, Township 7 South, Range 28 East
Chaves County, New Mexico

Cory Walk, M.S.

A handwritten signature in black ink that reads "Cory Walk". The signature is written in a cursive style with a large, stylized 'C' and 'W'.

Geologist
Permits West Inc.

June 12, 2026

EXHIBIT I

GENERAL INFORMATION

Moonshot #1 is located in the SW 1/4, section 26, T.7S, R.28E, about 33 miles northeast of Roswell, NM in the Permian Basin. Tamaroa Operating proposes to dispose produced water within the Fusselman Formation through perforated casing from 6,677' - 6,900' 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 February 24, 2024 about 69.2 miles (111.3 km) south of the proposed SWD site and had a magnitude of 3.5.

Basement Faults and Subsurface Conditions

A structure contour map (Fig. 1) of the Precambrian basement shows the Moonshot #1 is approximately 14.6 miles (23.4 km) from the nearest basement-rooted fault inferred by Ewing (1990). **Information about known nearby faults 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." **Using S_{Hmax} orientations and A_ϕ values in Eddy and Lea County as reported by Snee and Zoback et al., (2018), this study extrapolates an S_{Hmax} direction of N040°E and an A_ϕ of 0.60 in Chaves County near the Moonshot #1 well. This would indicate 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 10,000 bbls/day and all other existing SWDs within a 6 mile radius injecting at their individual historical peak annual volume (2 total SWD wells), the Fault Slip Potential (FSP) models suggest a zero (0.00) percent chance of slip on a nearby fault, inferred by Ewing (1990), through the year 2046 (Fig. 2; Table 1). **This model also suggests a pore pressure increase of 2.5 psi on the nearest publicly known fault (Fault 5; Fig. 3; Table 1) by the year 2046.** Geomechanical modeling shows that the primary fault of concern (fault 5) would need a pressure increase of 1434 psi to



reach a 100% probability of slip on the fault. A 50% probability requires an increase of 565 psi which is 225x greater than the modeled increase of 2.5 psi (Fig. 3).

GROUNDWATER SOURCES

Quaternary Alluvium acts as the principal aquifer used for potable ground water near the Moonshot #1 location (Hendrickson and Jones, 1952). Around the Moonshot #1, NMOSE water wells indicate an average water depth of about 600'. Using the formation top data provided in OCD records for the Moonshot #1, the top of the Yates formation (885' bgs) is inferred as the lower extent of potable water found within the shallow aquifer system.

VERTICAL MIGRATION OF FLUIDS

Well logs show interbedded shales immediately above the targeted Fusselman injection zone, including approximately 30 feet of Woodford Shale, which act as permeability barriers (Plate 2, Comer et al., 1991; Fig. 8, Frenzel et al., 1988). The well record of nearby Skip #001 (30-005-60822) indicates the Precambrian basement to be at a depth of approximately 7,100'. Therefore, the injection zone lies approximately 200' above the Precambrian basement with the Montoya Formation as a barrier; and approximately 5,790' below the previously stated lower limit of potable water at the top of the Yates 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.

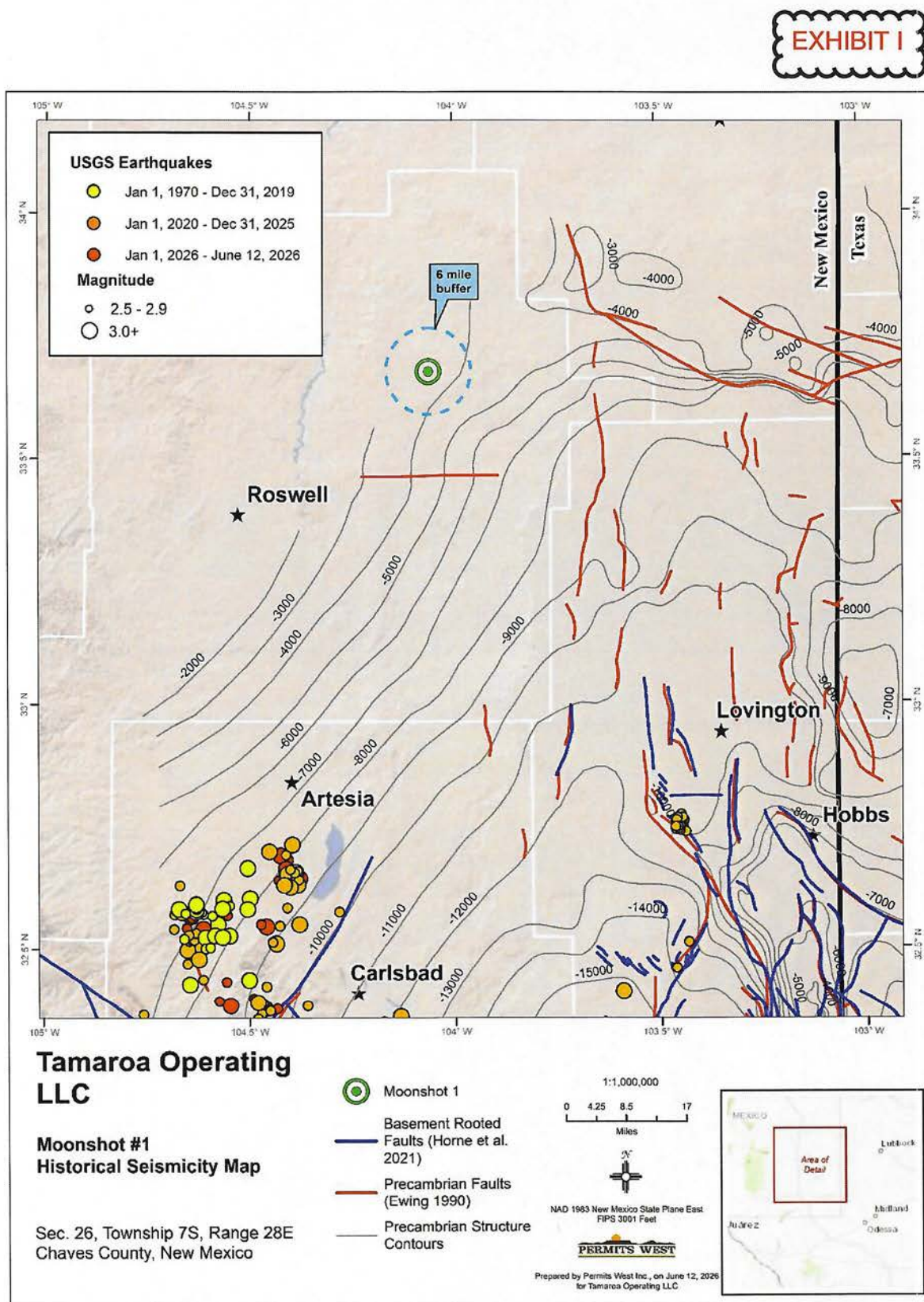


Figure 1. Structural contour map of the Precambrian basement in feet below sea level. Blue lines represent the locations of Precambrian basement-rooted faults (Horne et al., 2021). Moonshot #1 lies ~14.6 miles north of the closest deeply penetrating fault and 69.2 miles north from the closest historic earthquake above a magnitude 2.5.

EXHIBIT I**Table 1: Nearby Basement Fault Model Results**

Fault Number	Distance to proposed SWD (mi)	Strike (°)	Dip (°)	FSP (2046)	Δ Pore Pressure after 20 years (psi)	Δ Pore Pressure needed for 100% FSP (psi)	Δ Pore Pressure needed for 50% FSP (psi)
Fault 5	14.6	268	70	0.00	2.5	1434	565

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)	40	Snee and Zoback (2018)
Depth for calculations (ft)	6900	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	0.60	Snee and Zoback (2018)
Reference Friction Coefficient	0.58	Ikari et al. (2011)
Hydrology		
Aquifer thickness (ft)	223	Proposed injection zone
Porosity (%)	6	
Permeability (mD)	150	
Injection Rate (bbl/day)	10000	Maximum proposed injection rate

EXHIBIT I

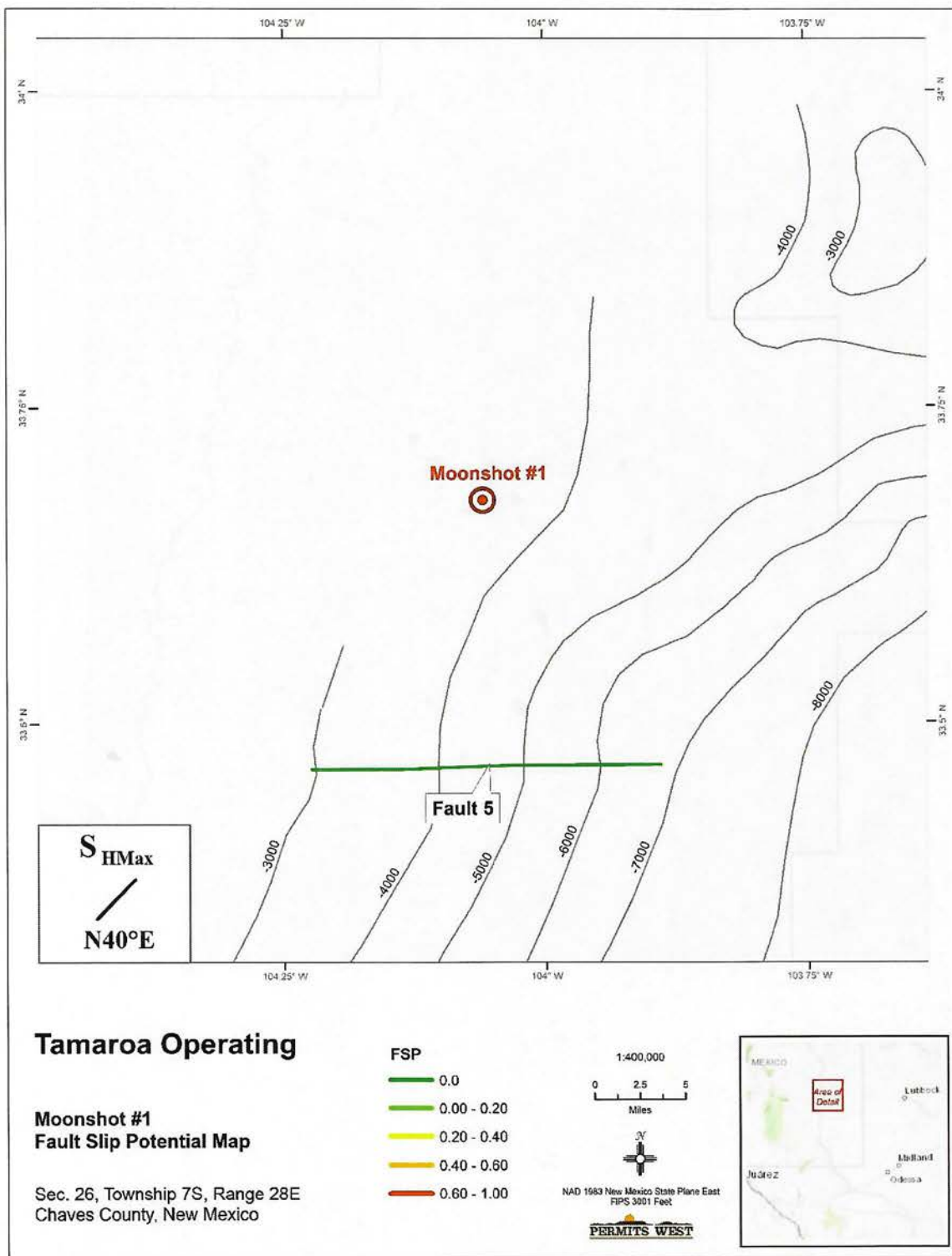


Figure 2. Precambrian fault map of the Moonshot #1 area as mapped by Ewing (1990). Faults are colored based on probability of fault slip as modeled using Fault Slip Potential software (Walsh and Zoback, 2016). Labeled values represent the calculated fault slip potential using the parameters indicated in Table 2. Contours show the top of the Precambrian basement in feet below sea level.

EXHIBIT I

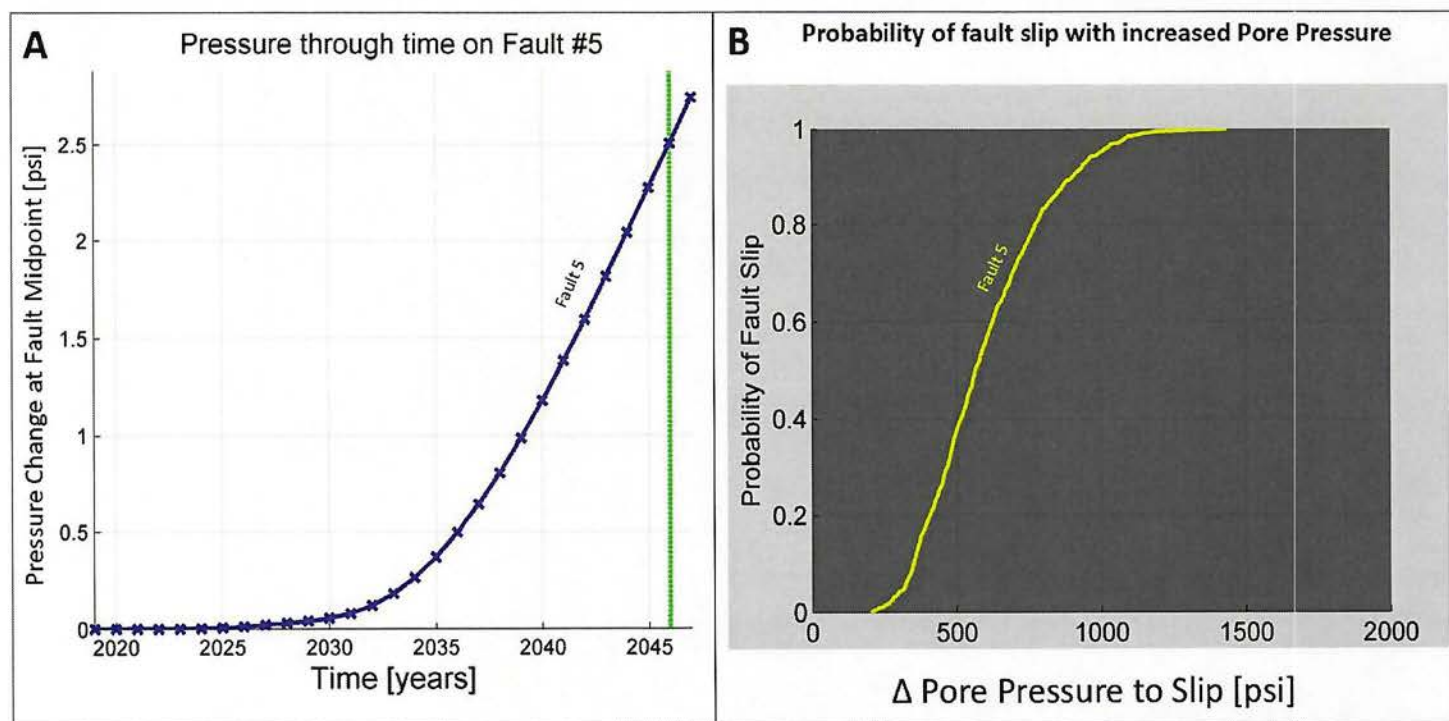


Figure 3. A) Plot showing the modeled change of pore pressure on nearby faults through time as a response to the proposed SWD well. B) Plot showing the required pore pressure increase needed to produce specific probabilities of fault slip on nearby faults.

EXHIBIT I

References Cited

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- Walsh, F. R., Zoback, M. D., Pais, D., Weingarten, M., and Tyrrell, T. (2017) FSP 1.0: A Program for Probabilistic Estimation of Fault Slip Potential Resulting From Fluid Injection, User Guide from the Stanford Center for Induced and Triggered Seismicity, available at SCITS.Stanford.edu/software
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TAMAROA OPERATING, LLC

PAGE 1

MOONSHOT 001

SHL: 2112' FSL & 2467' FWL

SEC. 26, T. 7 S., R. 28 E., CHAVES COUNTY, NM

30-005-64314

I. Tamaroa Operating, LLC plans to re-enter a 6900' P&A well, drill out 9 plugs, perforate 6677' - 6900', and complete it as a SWD; Fusselman (96104) saltwater disposal well. It is on the Northwest Shelf, not in the deep basin.

II. Operator: Tamaroa Operating, LLC (OGRID 328666)
Operator phone number: (972) 867-0006
Operator address: P. O. Box 560430, The Colony, TX 75056-0430
Contact for Application: Brian Wood (Permits West, Inc.)
Phone: (505) 466-8120

III. A. (1) Lease: fee
Lease Size: 80.00 acres
Closest Lease Line: 528'
Lease: NESW & NWSE Section 26, T. 7 S., R. 28 E.

A. (2) Surface casing (13.375", 48#, H-40, ST&C) is set at 406' in a 17.5" hole and cemented to GL with 421 sacks. Circulated 58 barrels.

Intermediate casing (8.625", 32#, J-55, LT&C) is set at 2,848' in an 11" hole and cemented to GL with 640 sacks. Circulated 10 barrels.

Production casing (5.5", 17#, L-80, LT&C) is set at 6873' in a 7.875" hole and cemented to 360' (temperature) with 1340 sacks. A 7.875" open hole continues to 6900'.

Tamaroa will drill out nine plugs and complete in the Fusselman from 6677' to 6900'.

A. (3) Tubing (3.5", 9.3#, IPC) will be set @ $\approx$ 6567'. (Disposal interval will be 6677' - 6900'.)

A. (4) An Arrowset injection packer or its equivalent will be set @ $\approx$ 6567' (or $\leq$ 100' above the highest perforation (6677')).

TAMAROA OPERATING, LLC
MOONSHOT 001
SHL: 2112' FSL & 2467' FWL
SEC. 26, T. 7 S., R. 28 E., CHAVES COUNTY, NM

PAGE 2

30-005-64314

- B. (1) Disposal zone will be carbonates in the SWD; Fusselman (NMOCD pool 96104). Estimated fracture gradient is ≈ 0.70 psi per foot.
 - B. (2) Disposal interval (6677' to 6900' TVD) will be cased and open hole.
 - B. (3) Well was originally drilled and completed as a Fusselman oil well in 2018. It was reclassified as a Fusselman gas well in 2020. It was P&A in 2022.
 - B. (4) Perforated intervals are all in the Fusselman: 6712' – 6720', 6728' – 6740', and 6792' – 6800' (squeezed).
 - B. (5) Closest higher oil or gas zone in the area of review is the San Andres. No oil or gas zone is below the Fusselman in the area of review. The Moonshot 1 produced a total of 2,447 barrels of oil and 42,926 Mcf gas from the Fusselman in 16 months before being plugged. Four other wells in the area penetrated the Fusselman. Three tested the Fusselman. No production resulted. The fourth well did not test the Fusselman and no long string was run. Closest Fusselman producer is 3.6 miles southeast in O-7-83-29e. No Fusselman SWD well is within 4 miles.
- IV. This is not an expansion of an existing injection project. It is disposal only.
- V. Exhibit B shows and tabulates 7 wells (2 producers + 5 P&A) within a 1-mile radius. Exhibit C shows 30 existing wells (4 oil or gas + 22 P&A + 4 water) within a 2-mile radius.
- Exhibit D shows and tabulates all leases (only 1 - Tamaroa's "Moonshot") within the area of review. Remainder of land within area of review is unleased. Latter mineral owner is Moon Company Trust. Exhibit E shows all leases or oil and gas rights (only fee and NMSLO) within a 2-mile radius.

TAMAROA OPERATING, LLC

PAGE 3

MOONSHOT 001

SHL: 2112' FSL & 2467' FWL

SEC. 26, T. 7 S., R. 28 E., CHAVES COUNTY, NM

30-005-64314

VI. Four of the wells within 1-mile penetrated the Fusselman. Two of the four wells are P&A. The other two are plugged back and are now inactive San Andres wells on expired leases. Last production was August 2023. Exhibit F tabulates and illustrates the four penetrators' history and construction.

- VII.
1. Average injection rate will be $\approx 2,000$ bwpd. Maximum injection rate will be 10,000 bwpd.
 2. System will be closed.
 3. Average injection pressure will be ≈ 1000 psi. Maximum injection pressure will be 1335 psi ($= 0.2$ psi/foot $\times 6677'$ (top perforation)).
 4. Water source will be produced water from Tamaroa's wells. Tamaroa currently produces from the San Andres and Wolfcamp. Tamaroa has approved APDs for the Devonian, Penn, Strawn, and Yeso. Exhibit G tabulates Chaves and Roosevelt County analyses from New Mexico Produced Water Quality Database v.2. Samples from the closest (18-5s-33e) Fusselman well (30-041-20411) in the Database well showed TDS ranged from 98,248 to 99,787 mg/l. No compatibility problems have been reported from SWD; Fusselman well 30-005-62794. A minimum 3,413,925 barrels have been disposed to date in 35 years of operation.
 5. Fusselman produced 2447 barrels of oil and 42,926 Mcf from the Moonshot 1.

VIII. The Fusselman, 300' thick in this well, is comprised of dolomite, shale, limestone, and chert. Closest possible underground source of drinking water above the proposed disposal interval are the red beds from GL to $\approx 400'$. Multiple layers of anhydrite, salt, and shale are below the red beds. A mile of vertical separation is between the bottom of the red beds and the top of the Fusselman.

According to State Engineer records (Exhibit H), no water well is within a mile radius. No water well was found during a May 27, 2026, field inspection. Steel water tanks within the mile radius are dry and supplied by pipe. Moonshot 1 is sixteen miles west of the Ogallala. No underground source of drinking water is below the proposed disposal interval. Formation tops are:

TAMAROA OPERATING, LLC
MOONSHOT 001
SHL: 2112' FSL & 2467' FWL
SEC. 26, T. 7 S., R. 28 E., CHAVES COUNTY, NM

PAGE 4

30-005-64314

Quaternary = 0'
Yates = 885'
San Andres = 1876
Glorieta = 3031'
Tubb = 4501'
Abo = 5251'
Wolfcamp = 5921'
Penn: 6386'
Fusselman = 6670'*
proposed disposal zone = 6677' - 6900'
TD: 6900'
basement rock: $\geq 7000'$

*6681' is the Fusselman top according to the plugging report.
Tamaroa believes, based on log analysis, that the Fusselman top is 6670'.

- IX. The well will be stimulated with acid to clean out scale or fill.
- X. One log, CN, is on file with NMOCD.
- XI. According to State Engineer records, no water well is within 1-mile. No water well was found during a May 27, 2026, field inspection.
- XII. Tamaroa Operating, LLC (Exhibit I) is not aware of any geologic or engineering data that may indicate the Fusselman is in hydrologic connection with any underground source of water. Sixteen Fusselman saltwater disposal or acid gas injection wells are in New Mexico.

TAMAROA OPERATING, LLC

PAGE 5

MOONSHOT 001

SHL: 2112' FSL & 2467' FWL

SEC. 26, T. 7 S., R. 28 E., CHAVES COUNTY, NM

30-005-64314

XIII. Legal ad (Exhibit J) was published in the Roswell newspaper on February 21, 2026. Notice (this application) is being sent to the surface owner (Crossroads West Phoenix, LLC), mineral owner (Moon Company Trust), and all well operators regardless of depth (only M E W) within 1-mile (Exhibit J).

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 603475

CONDITIONS

Operator: Tamaroa Operating, LLC PO Box 866937 Plano, TX 750866937	OGRID: 328666
	Action Number: 603475
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
delilah.dougi	None	7/21/2026