

AE Order Number Banner

Application Number: pDZD2620338283

Initial Application Part I

SWD-2704

SELECT WATER SOLUTIONS, LLC [289068]

Received: 7/09/2026



July 9, 2026

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

Subject: Select Water Solutions, LLC (OGRID No. 289068)
Application for Authorization Inject – Lucas 10 Devonian SWD #1

To Whom it May Concern,

On behalf of Select Water Solutions, LLC, ALL Consulting, LLC is submitting the enclosed Application for Authorization to Inject for the Lucas 10 Devonian SWD #1, a proposed saltwater disposal well, in Eddy County, NM.

Should you have any questions regarding the enclosed application, please contact Reed Davis at (918) 382-7581 or rdavis@all-llc.com.

Sincerely,
ALL Consulting

Reed Davis
Geophysicist

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: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

**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.

Print or Type Name

Date

Phone Number

Signature

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 _____ ☒ Disposal _____ Storage
Application qualifies for administrative approval? _____ ☒ Yes _____ No
- II. OPERATOR: Select Water Solutions, LLC
ADDRESS: 1820 N I-35, Gainesville, TX 76240
CONTACT PARTY: David Cheek PHONE: 405-482-7508
- 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 _____ ☒ 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:
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: Reed Davis TITLE: Geophysicist
SIGNATURE:  DATE: 7/09/2026
E-MAIL ADDRESS: rdavis@all-llc.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: File Electronically Via OCD Permitting

Application for Authorization to Inject
Well Name: Lucas 10 Devonian SWD #1

III – Well Data *(The wellbore diagram is included as Attachment 1)*

A.

(1) General Well Information:

Operator: Select Water Solutions, LLC (OGRID No. 289068)
Lease Name & Well Number: Lucas 10 Devonian SWD #1
Location Footage Calls: 301' FNL & 2,328' FEL
Legal Location: Lot B, S10 T25S R25E
Ground Elevation: 3,536'
Proposed Injection Interval: 12,500 – 13,500'
County: Eddy

(2) Casing Information:

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface	22"	18-5/8"	87.5 lb/ft	370'	250	Surface	Circulation
Intermediate	17-1/2"	13-3/8"	54.5 lb/ft	1,500'	1,000	Surface	Circulation
Intermediate II	12-1/4"	9-5/8"	53.5 lb/ft	8,200'	2,050	1,300	CBL / TS
Production Liner	8-1/2"	7-5/8"	29.7 lb/ft	12,520'	425	7,880	CBL / TS
Tubing		4-1/2"	12.75 lb/ft	12,480'			

(3) Tubing Information:

4-1/2" (12.75 lb/ft) L-80 or N-80 internal coated tubing with setting depth of 12,480'.

(4) Packer Information: SC-2 or equivalent packer set at 12,480'.

B.

(1) Injection Formation Name: Devonian-Silurian

Pool Name: SWD; DEVONIAN-SILURIAN

Pool Code: 97869

(2) Injection Interval: Open-hole injection between 12,500 – 13,500'

(3) Drilling Purpose: New drill for saltwater disposal

(4) Other Perforated Intervals: No other perforated intervals exist.

(5) Overlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- Bone Spring (5,390')
- Wolfcamp (8,150')
- Morrow (10,565')

Underlying Oil and Gas Zones: Below are the approximate formation tops for known oil and gas producing zones in the area.

- None

V – Well and Lease Details

The following maps and documents are included as **Attachment 2**:

- 2-mile Production Review Map
- 1-mile Problem Well Map
- 1-mile AOR Well Table
- 2-Mile Lease Map
- 2-Mile Mineral Ownership Map
- 2-Mile Surface Ownership Map
- Potash Lease Map

VI – AOR Well List

A list of the well(s) within the 1-mile AOR is included in **Attachment 2**.

Thirty-five wells have been drilled or permitted in the 1-mile AOR. None of these wells penetrate through the proposed injection zone.

VII – Proposed Operation

- (1) **Proposed Maximum Injection Rate:** 30,000 bpd
Proposed Average Injection Rate: 20,000 bpd
- (2) A **closed-loop system** will be used.
- (3) **Proposed Maximum Injection Pressure:** 2,500 psi (surface)
Proposed Average Injection Pressure: Approximately 1,625 psi (surface)
- (4) **Source Water Analysis:** The expected injectate will consist of produced water from production wells completed in the Bone Spring, Wolfcamp, and Morrow formations. Publicly available water quality analysis from the Go-Tech database is included for these formations as **Attachment 3**.
- (5) **Injection Formation Water Analysis:** The proposed SWD will be injecting water into the Devonian and Silurian formations, which are non-productive zones known to be compatible with formation water from the Bone Spring, Wolfcamp, and Morrow formations. Water analyses from the Devonian and Silurian formations in the area are included as **Attachment 4**.

VIII – Geologic Description

The proposed injection interval includes the Devonian and Silurian formations from 12,500' – 13,500'. The Devonian-Silurian aged formations consist primarily of cherty limestones and dolomites.

Further reservoir characterization, including discussion of the injection formation, overlying and underlying confinement zones, and historic use of the field is included as **Attachment 5**.

The base of the USDW is the Rustler Formation at a depth of approximately 345 feet. Depth of the nearest water well in the area is approximately 70 feet below ground surface.

IX – Proposed Stimulation Program

A small cleanup acid job may be used to remove mud and drill cuttings from the formation. However, no other formation stimulation is currently planned.

X – Logging and Test Data

Logs to be run include gamma ray, resistivity, neutron density, and sonic and will be submitted to the Division upon completion of the well.

XI – Fresh Groundwater Samples

Based on a review of data from the New Mexico Office of the State Engineer, there are four (4) groundwater wells located within 1-mile of the proposed SWD location.

A water well map and table are included as **Attachment 6**.

XII – No Hydrologic Connection Statement

No publicly known faulting is present in the area that would provide a hydrologic connection between the injection interval and overlying USDWs. Additionally, the casing program has been designed to ensure there will be no hydrologic connection between the injection interval and overlying USDWs.

A signed *No Hydrologic Connection Statement* is included as **Attachment 7**.

XIII – Notice

A list of notice recipients is included as **Attachment 9**.

Attachments

Attachment 1:

- C-102
- Wellbore Diagram
- Packer Diagram

Attachment 2: Area of Review Information:

- 2-mile Production Review Map
- 1-mile Problem Well Map
- 1-mile AOR Well Table
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership Map
- Potash Lease Map

Attachment 3: Source Water Analysis

Attachment 4: Injection Formation Water Analysis

Attachment 5: Reservoir Characterization

Attachment 6: Water Well Map and Well Data

Attachment 7: No Hydrologic Connection Statement

Attachment 8: Seismic Potential Letter

Attachment 9: List of Affected Persons

Attachment 1

- C-102
- Wellbore Diagram
- Packer Diagram

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☒ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
Property Code	Property Name LUCAS 10 DEVONIAN SWD	Well Number #1
OGRID No.	Operator Name SELECT WATER SOLUTIONS, LLC	Ground Level Elevation 3536'
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL B	Section 10	Township 25 S	Range 25 E	Lot	Ft. from N/S 301' FNL	Ft. from E/W 2328' FEL	Latitude 32.150808°	Longitude -104.382812°	County EDDY
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Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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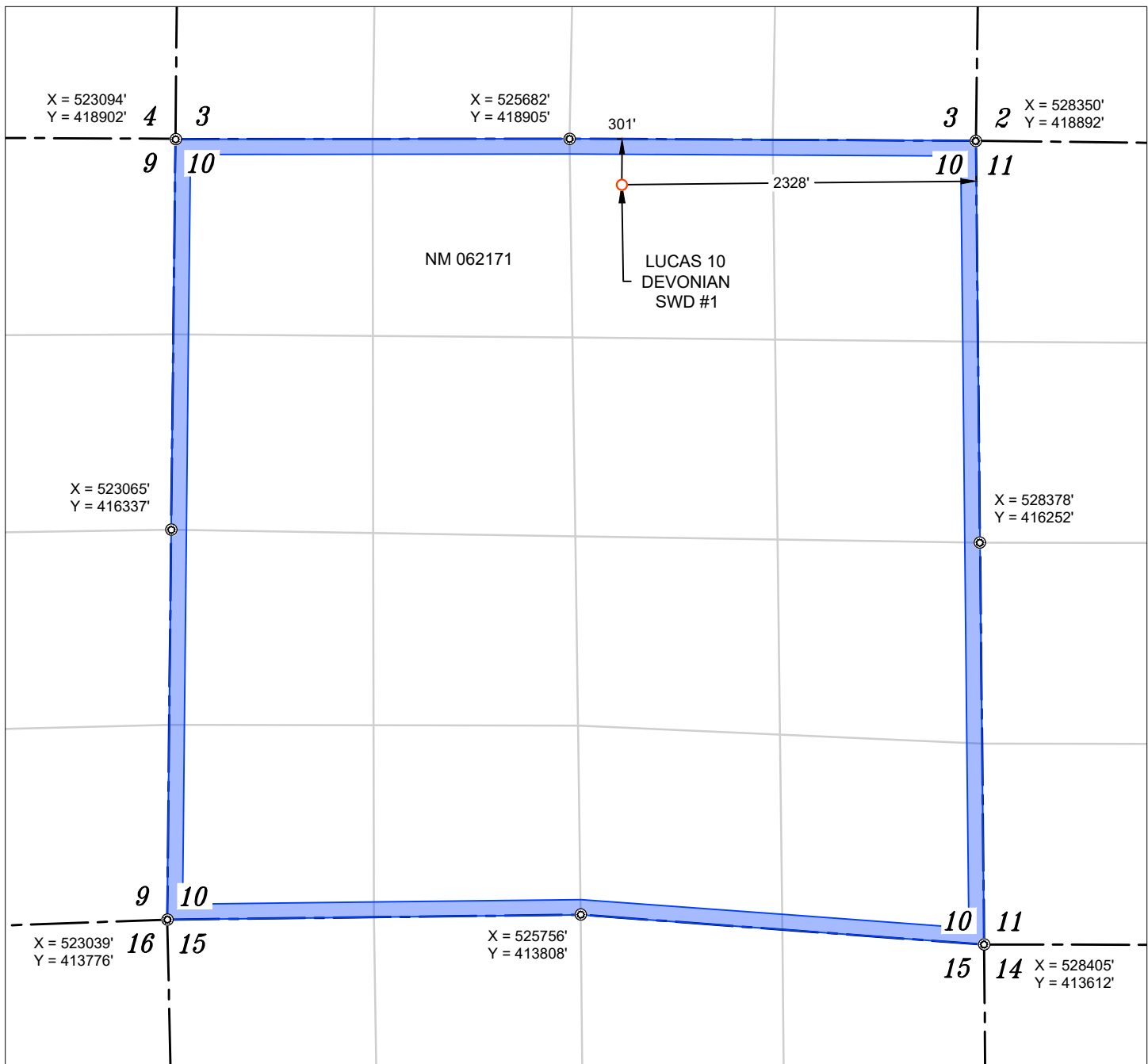
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation: 3536'
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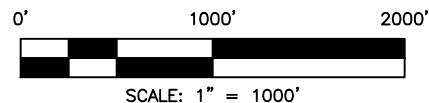
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the 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>		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>   2 March 2026	
Signature	Date	Signature and Seal of Professional Surveyor	
		21209 FEBRUARY 26, 2026	
Printed Name		Certificate Number	Date of Survey
Email Address			

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.



WELL NAME: LUCAS 10 DEVONIAN SWD #1
 ELEVATION: 3536'

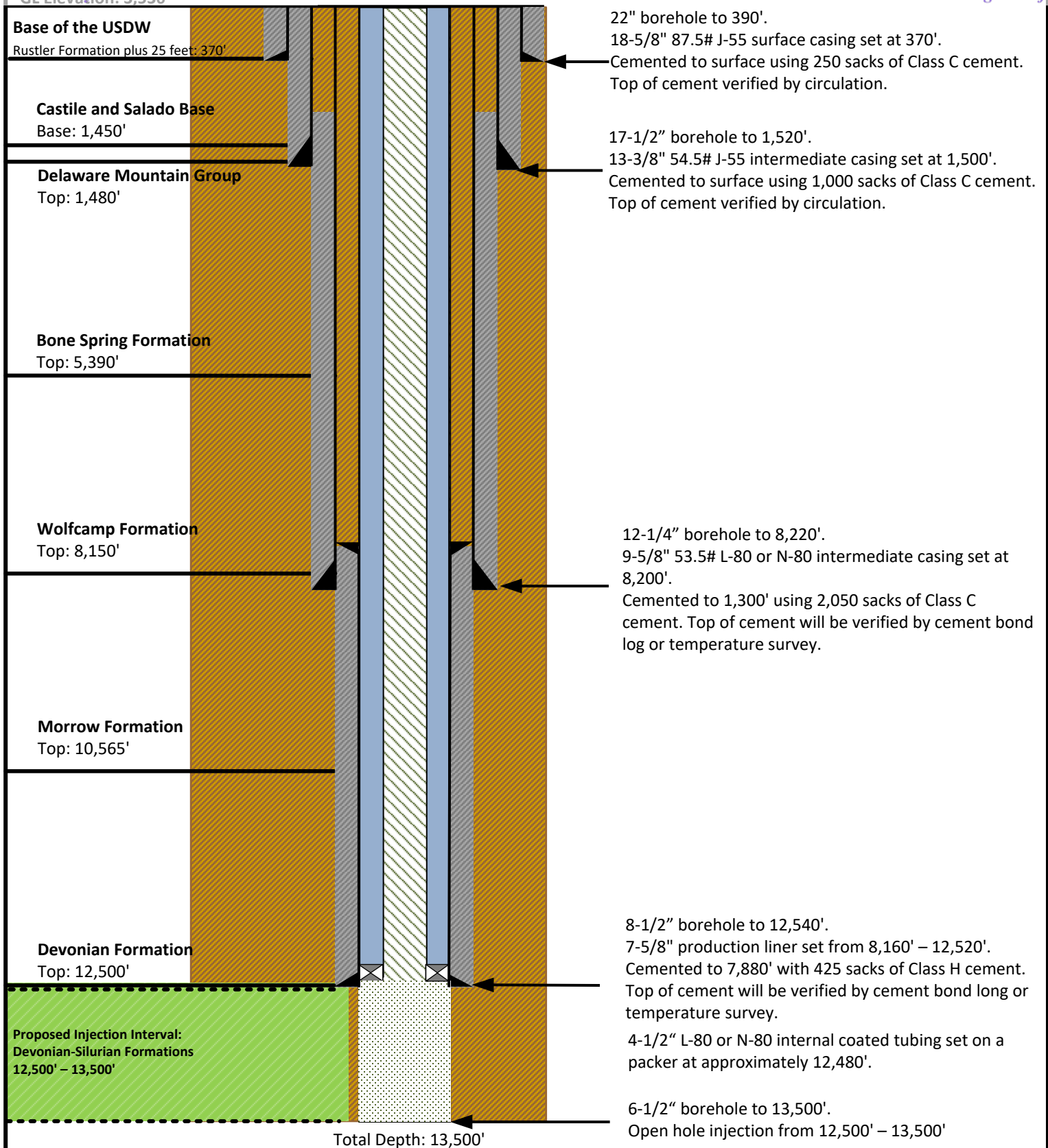
NAD 83 (SHL) 301' FNL & 2328' FEL
LATITUDE = 32.150808°
LONGITUDE = -104.382812°
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32.150691°
LONGITUDE = -104.382307°
STATE PLANE NAD 83 (N.M. EAST)
N: 418602.84' E: 526024.86'
STATE PLANE NAD 27 (N.M. EAST)
N: 418546.15' E: 484843.18'



- ⊙ FOUND MONUMENT
- ▲ CALC. CORNER
- SHL
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

NOTES

- ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
- THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING FEBRUARY, 2026. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



NOT TO SCALE

Prepared by: ALL CONSULTING Prepared for: SELECT	Drawn by: Reed Davis	PROPOSED WELLBORE DIAGRAM LUCAS 10 DEVONIAN SWD #1 SELECT WATER SOLUTIONS, LLC S10 T25S R25E
	Project Manager: Reed Davis	
	Date: 7/9/2026	

SC-2 Retrievable Packer

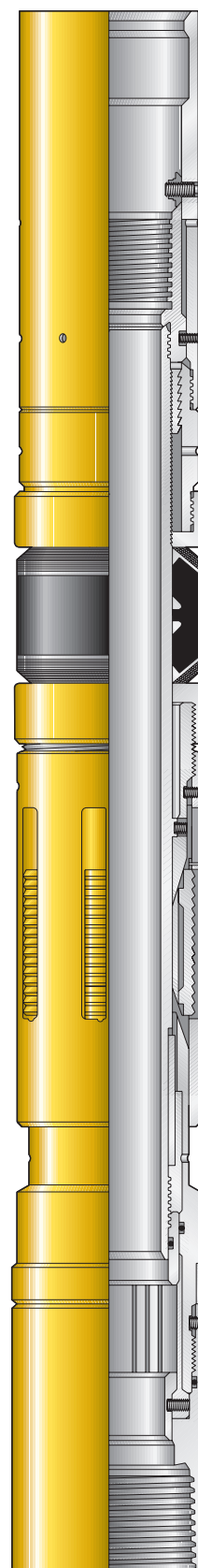
Product Family No. H48807

APPLICATION

The Baker Hughes SC-2™ retrievable packer is a high-performance, retrievable, sealbore packer. It can be run and set on electric wireline, slick line/tubing with the same setting tools used for the D packer.

Advantages

- Can be set with wireline or hydraulic setting tools
- Can be equipped with a variety of bottom guides (must be ordered separately)
- Packer easily accommodates tubing expansion or contraction
- Tubing and seals can be removed without accidentally unsetting packer
- Easy retrieval due to caged slips and releasing mechanism located in protected area below packing element
- Packer's releasing mechanism is not affected by differential pressure or tailpipe weight
- Case-hardened slips suitable for all grades of casing including V-150
- Compatible with standard Baker Hughes' seal accessories, tubing-conveyed perforating and gravel-packing systems



SC-2 Retrievable Packer
Product Family No. H48807

SPECIFICATION GUIDE

SC-2™ Retrievable Packer, Product Family No. H48807

Casing			Packer *					
OD		T & C Weight ▼	Size ●		Max Gage Ring OD		Max Packing Element	
in.	mm	lb/ft			in.	mm	in.	mm
5-1/2	139.7	20–23	55A2–26		4.485	113.9	4.406	111.9
		17–20	55A4–26		4.593	116.6	4.500	114.3
		13–15.5	55B–26		4.765	121.0	4.687	119.0
7	177.8	35–38	70A2–32		5.735	145.6	5.687	144.4
		29–32	70A4–32		5.820	147.8	5.750	146.0
		23–29	70B–32		6.000	152.4	5.937	150.8
		17–20	70C–32		6.250	158.7	6.187	157.1
7-5/8	193.6	33.7–39	76A2–32 ♦	76A2–40 ♦	6.440	163.6	6.375	161.9
		29.7–33.7	76A4–32 ♦	76A4–40 ♦	6.580	167.1	6.500	165.1
		24–29.7	76B2–32 ♦	76B2–40 ♦	6.690	169.9	6.625	168.2
		20–24	76B4–32 ♦	76B4–40 ♦	6.784	172.3	6.718	170.6
9-5/8	244.4	53.5–58.4	96A–47		8.191	208.0	8.125	206.3
		47–53.5	96A2–47		8.319	211.3	8.250	209.5
		40–47	96A4–47		8.465	215.0	8.375	212.7
		36–40	96B–47		8.619	218.9	8.500	215.9

Size	Sealbore Dia for Seal Nipples ■		Seal Accessory Size ▲	Min Bore Thru Seal Nipples	
	in.	mm		in.	mm
55A2–26	2.688	68.2	40–26	1.968	50.0
55A4–26					
55B–26					
70A2–32	3.250	82.5	80–32 or 81–32	2.406 or 1.995	61.1 or 50.6
70A4–32					
70B–32					
70C–32					
76A2–32					
76A2–40	4.000	101.6	80–40	3.000	72.6
76A4–32	3.250	82.5	80–32 or 81–32	2.406 or 1.995	61.1 or 50.6
76A4–40	4.000	101.6	80–40	3.000	72.6
76B2–32	3.250	82.5	80–32 or 81–32	2.406 or 1.995	61.1 or 50.6
76B2–40	4.000	101.6	80–40	3.000	72.6
76B4–32	3.250	82.5	80–32 or 81–32	2.406 or 1.995	61.1 or 50.6
76B4–40	4.000	101.6	80–40	3.000	72.6
96A–47	4.750	120.6	190–47 or 192–47	3.000 or 3.875	72.6 or 98.4
96A2–47					
96A4–47					
96B–47					

* For information on packer or accessory sizes not found in this specification guide, refer to Baker Hughes' packer systems technical manual or your Baker Hughes representative.

● When proposed for use in other than the casing weight range shown, contact your Baker Hughes representative.

■ The maximum OD (including tolerance) of any part run through a production packer should be at least 1/16-in. (1.59mm) smaller than the minimum bore through the packer body. This may occasionally require that the coupling ODs be turned down.

▲ Tubing-seal assemblies, tubing seal and spacer nipples.

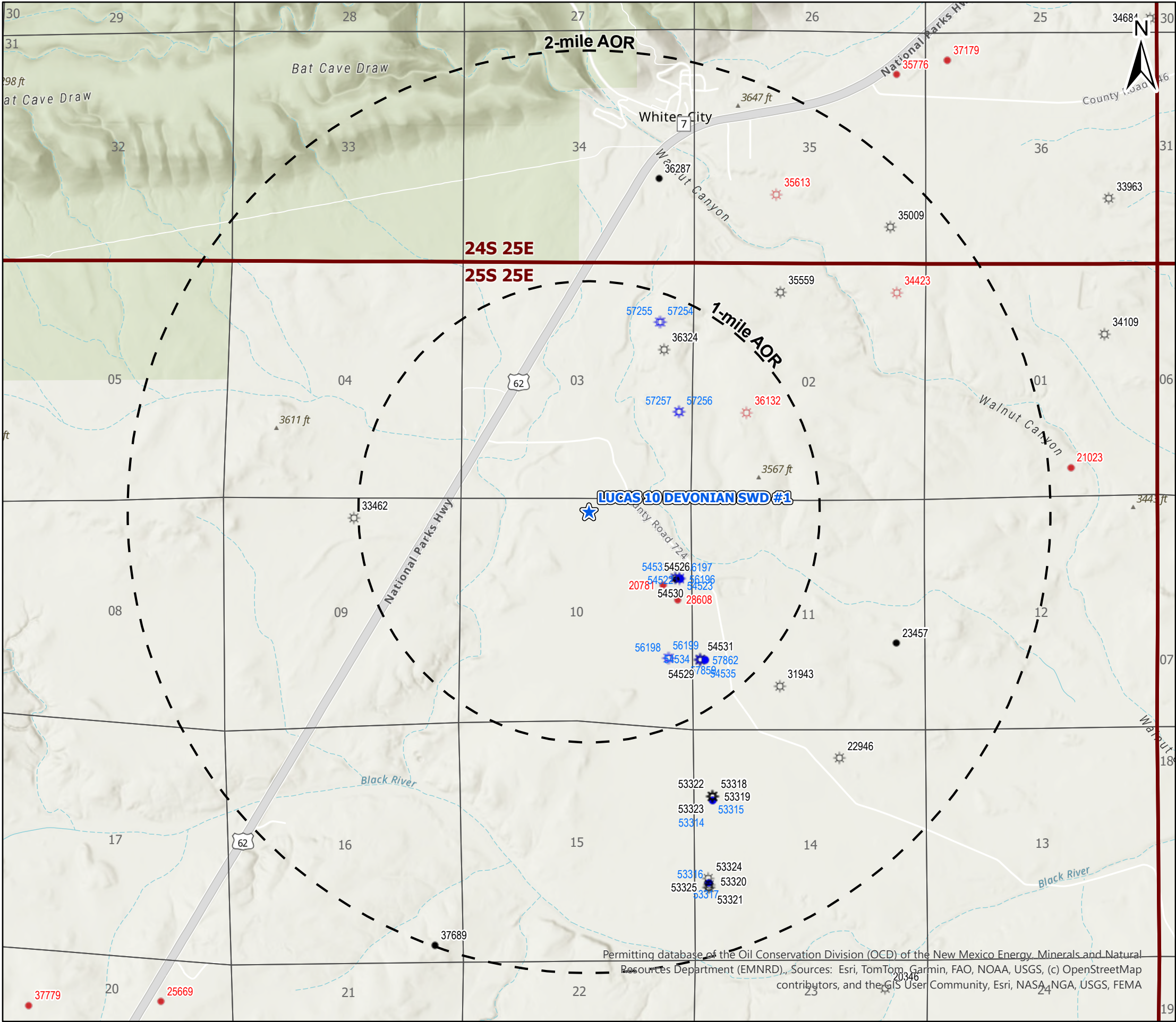
♦ This tool available with 3.250 in. (82.5 mm) or 4.000 in. (101.6 mm) seal bore diameter and uses sizes 80–32/ 81–32 or 80–40 accessories respectively.

▼ When selecting a SC-2 packer for a casing weight common to two size packers choose the packer with the smallest OD to maximize running clearances.
Example: In 5-1/2-in. (139.7-mm), 20.0-lb/ft casing, use size 55A2–26.

Attachment 2

Area of Review Information:

- 2-mile Production Review Map
- 1-mile Problem Wells Map
- 1-mile AOR Well Table
- 2-mile Lease Map
- 2-mile Mineral Ownership Map
- 2-mile Surface Ownership Map
- Potash Lease Map



Legend

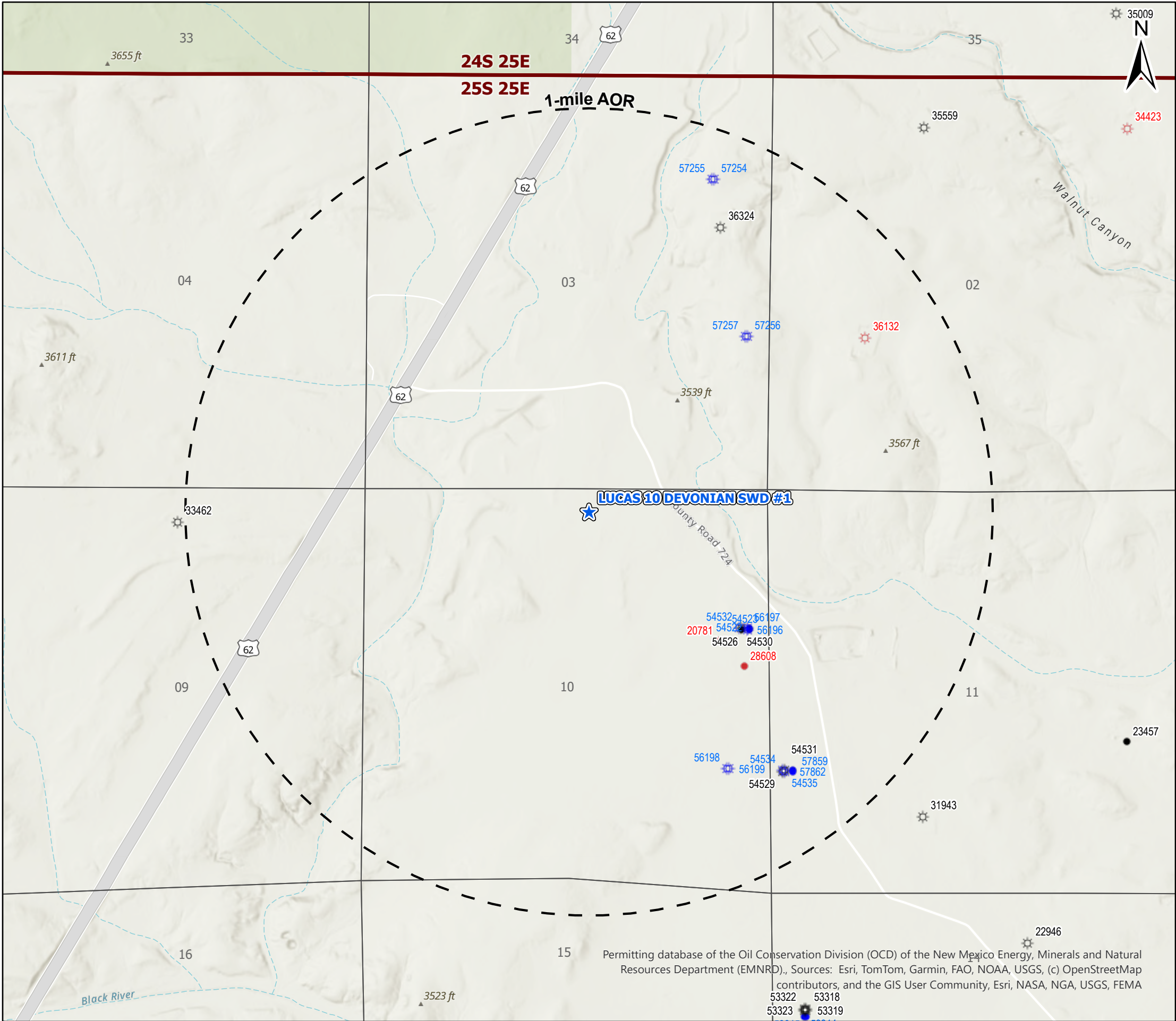
- Proposed SWD (1)
- NM Oil and Gas Wells
 - Gas, Active (21)
 - Gas, New (11)
 - Gas, Plugged (3)
 - Oil, Active (4)
 - Oil, New (8)
 - Oil, Plugged (7)
 - Wells Producing from Target Injection Zone (0)

2-mile Production Review

LUCAS 10 DEVONIAN SWD #1
EDDY COUNTY, NEW MEXICO

Proj Mgr: Reed Davis April 27, 2026 Mapped by: Ben Bockelmann

Prepared for: SELECT Prepared by: ALL CONSULTING



Legend

Proposed SWD (1)

NM Oil and Gas Wells

- Gas, Active (13)
- Gas, New (11)
- Gas, Plugged (2)
- Oil, Active (2)
- Oil, New (6)
- Oil, Plugged (2)

1-mile O&G Wells AOR

LUCAS 10 DEVONIAN SWD #1
EDDY COUNTY, NEW MEXICO

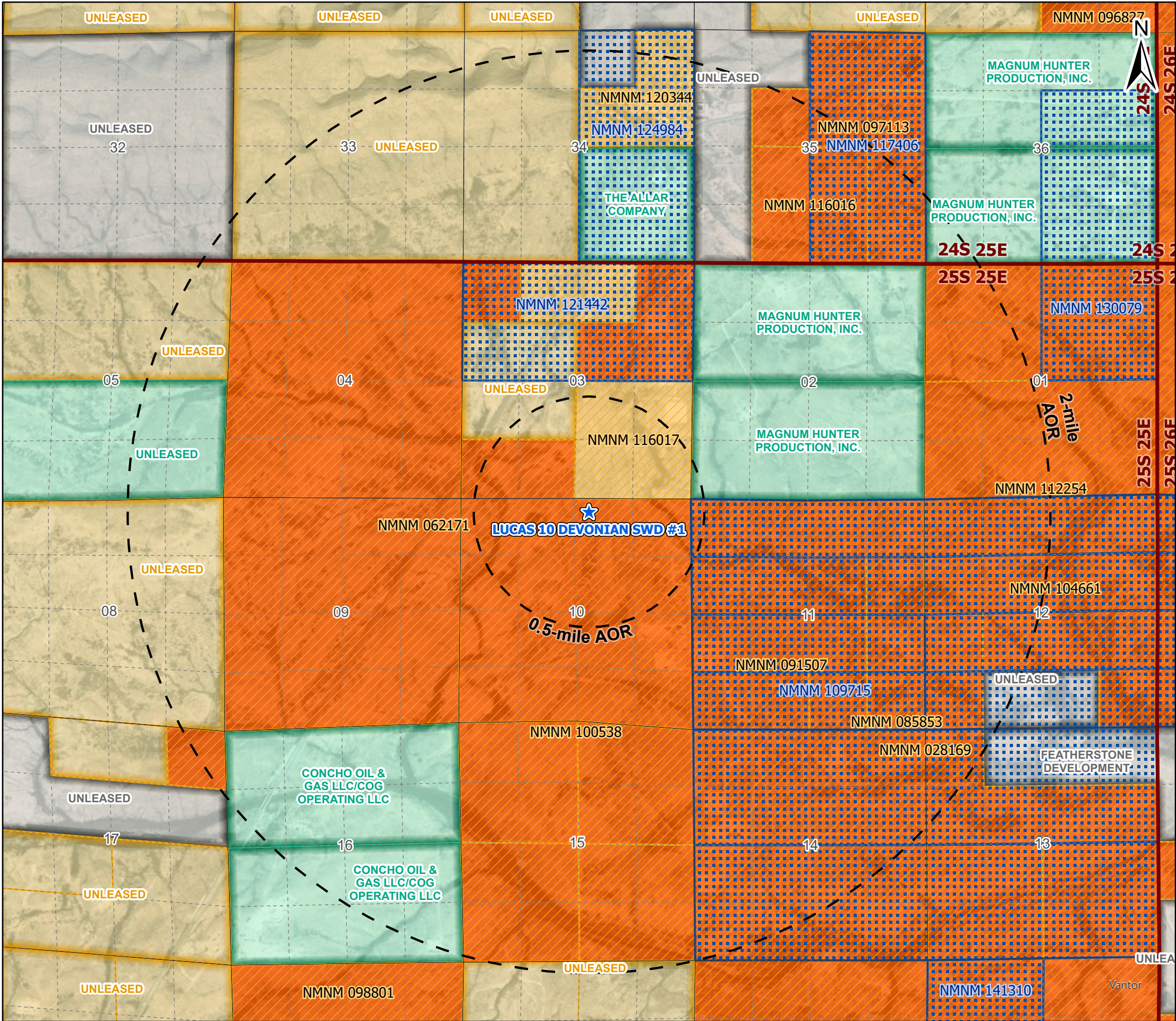
Proj Mgr:
Reed Davis

April 27, 2026

Mapped by:
Ben Bockelmann



1-Mile AOR Tabulation for Lucas 10 Devonian SWD #1 (Devonian-Silurian - Injection Interval: 12,500' - 13,500'), Eddy County							
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
INEXCO 10 FEDERAL 001	30-015-20781	OIL (plugged)	FASKEN DAVID	12/20/1972	10-25S-25E	11850	No
BLUESTAR FEDERAL 001	30-015-28608	OIL (plugged)	CABAL ENERGY CORPORATION	1995-10-14	10-25S-25E	5250	No
CRACKAJACK FEDERAL COM 001	30-015-36122	GAS (cancelled)	CONOCOPHILLIPS	-	03-25S-25E	11900	No
HOMER STATE COM 002	30-015-36132	GAS (plugged)	DEVON	2008-05-23	02-25S-25E	11870	No
CRACKAJACK FEDERAL COM 002	30-015-36324	GAS	CONOCOPHILLIPS	2008-06-16	03-25S-25E	12170	No
HIGH LIFE FEDERAL COM 144C	30-015-54521	OIL (cancelled)	TAP ROCK OPERATING, LLC	-	11-25S-25E	-	No
HIGH LIFE FEDERAL COM 143C	30-015-54520	OIL (cancelled)	TAP ROCK OPERATING, LLC	-	11-25S-25E	-	No
HIGH LIFE FEDERAL COM 121C	30-015-54514	OIL (DUC)	TAP ROCK OPERATING, LLC	2024-11-30	10-25S-25E	6787	No
HIGH LIFE FEDERAL COM 153H	30-015-54523	OIL	TAP ROCK OPERATING, LLC	-	10-25S-25E	7609	No
HIGH LIFE FEDERAL COM 141C	30-015-54518	OIL (Cancelled)	TAP ROCK OPERATING, LLC	-	10-25S-25E	-	No
HIGH LIFE FEDERAL COM 142C	30-015-54519	OIL (DUC)	TAP ROCK OPERATING, LLC	2024-12-09	10-25S-25E	6381	No
HIGH LIFE FEDERAL COM 124C	30-015-54517	OIL (DUC)	TAP ROCK OPERATING, LLC	2025-01-20	11-25S-25E	6735	No
HIGH LIFE FEDERAL COM 123C	30-015-54516	OIL (cancelled)	TAP ROCK OPERATING, LLC	-	11-25S-25E	-	No
HIGH LIFE FEDERAL COM 151H	30-015-54522	OIL	TAP ROCK OPERATING, LLC	2025-09-17	10-25S-25E	7624	No
HIGH LIFE FEDERAL COM 202H	30-015-54526	OIL	TAP ROCK OPERATING, LLC	2024-12-04	10-25S-25E	8542	No
HIGH LIFE FEDERAL COM 211H	30-015-54530	GAS	TAP ROCK OPERATING, LLC	2024-12-05	10-25S-25E	8470	No
HIGH LIFE FEDERAL COM 211H	30-015-54530	GAS	TAP ROCK OPERATING, LLC	2024-12-05	10-25S-25E	8613	No
HIGH LIFE FEDERAL COM 232H	30-015-54534	GAS (permitted)	TAP ROCK OPERATING, LLC	-	11-25S-25E	9082	No
HIGH LIFE FEDERAL COM 234H	30-015-54535	GAS (permit pending)	TAP ROCK OPERATING, LLC	-	11-25S-25E	9088	No
HIGH LIFE FEDERAL COM 232C	30-015-54533	GAS (cancelled)	TAP ROCK OPERATING, LLC	-	10-25S-25E	-	No
HIGH LIFE FEDERAL COM 231H	30-015-54532	GAS (permit pending)	TAP ROCK OPERATING, LLC	-	26-19S-25E	9134	No
HIGH LIFE FEDERAL COM 213H	30-015-54531	GAS	TAP ROCK OPERATING, LLC	2025-01-18	11-25S-25E	8640	No
HIGH LIFE FEDERAL COM 154H	30-015-54525	OIL (cancelled)	TAP ROCK OPERATING, LLC	-	11-25S-25E	-	No
HIGH LIFE FEDERAL COM 204H	30-015-54529	GAS	TAP ROCK OPERATING, LLC	2025-01-18	11-25S-25E	8587	No
HIGH LIFE FEDERAL COM 122C	30-015-54515	OIL (cancelled)	TAP ROCK OPERATING, LLC	-	10-25S-25E	-	No
UPSLOPE FEDERAL COM 213H	30-015-56199	GAS	TAP ROCK OPERATING, LLC	2025-07-19	10-25S-25E	8140	No
UPSLOPE FEDERAL COM 211H	30-015-56197	GAS	TAP ROCK OPERATING, LLC	2025-08-13	10-25S-25E	8127	No
UPSLOPE FEDERAL COM 202H	30-015-56196	GAS	TAP ROCK OPERATING, LLC	2025-08-10	10-25S-25E	8144	No
UPSLOPE FEDERAL COM 204H	30-015-56198	GAS	TAP ROCK OPERATING, LLC	2025-07-16	10-25S-25E	8109	No
BEER 30 FEDERAL COM 213H	30-015-57257	GAS (DUC)	TAP ROCK OPERATING, LLC	2026-04-25	03-25S-25E	8346	No
BEER 30 FEDERAL COM 211H	30-015-57255	GAS (DUC)	TAP ROCK OPERATING, LLC	2026-04-12	03-25S-25E	8367	No
BEER 30 FEDERAL COM 204H	30-015-57256	GAS (DUC)	TAP ROCK OPERATING, LLC	2026-04-27	03-25S-25E	8273	No
BEER 30 FEDERAL COM 202H	30-015-57254	GAS (DUC)	TAP ROCK OPERATING, LLC	2026-04-02	03-25S-25E	8294	No
UPSLOPE FEDERAL COM 152H	30-015-57859	OIL (permitted)	TAP ROCK OPERATING, LLC	-	11-25S-25E	6882	No
UPSLOPE FEDERAL COM 154H	30-015-57862	OIL (permitted)	TAP ROCK OPERATING, LLC	-	11-25S-25E	6875	No
Notes: No wells penetrate the proposed injection zone in the 1-mi AOR.							



Legend

- Proposed SWDs
- NMSLO Mineral Leases
- Private Mineral Leases
- BLM Communitization Units

BLM O&G Leases

Case Disposition

- Authorized
- Closed

BLM Oil and Gas Leases

Production Status

- Held by Actual Production
- Held by Allocated Production
- Unleased BLM

1/2-mile Affected Parties AOR

- BLM Unit Operators:
- TAP ROCK OPERATING LLC
- BLM Lessees:
- CABAL ENERGY CORP
 - COG OPERATING LLC
 - CONCHO OIL & GAS LLC
 - JKM ENERGY LLC
 - LRF JR LLC
 - ROBERT W HANAGAN
- NMSLO Lessees:
- MAGNUM HUNTER PRODUCTION, INC

Mineral Lease AOR

LUCAS 10 DEVONIAN SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

May 07, 2026

Mapped by:
Ben Bockelmann

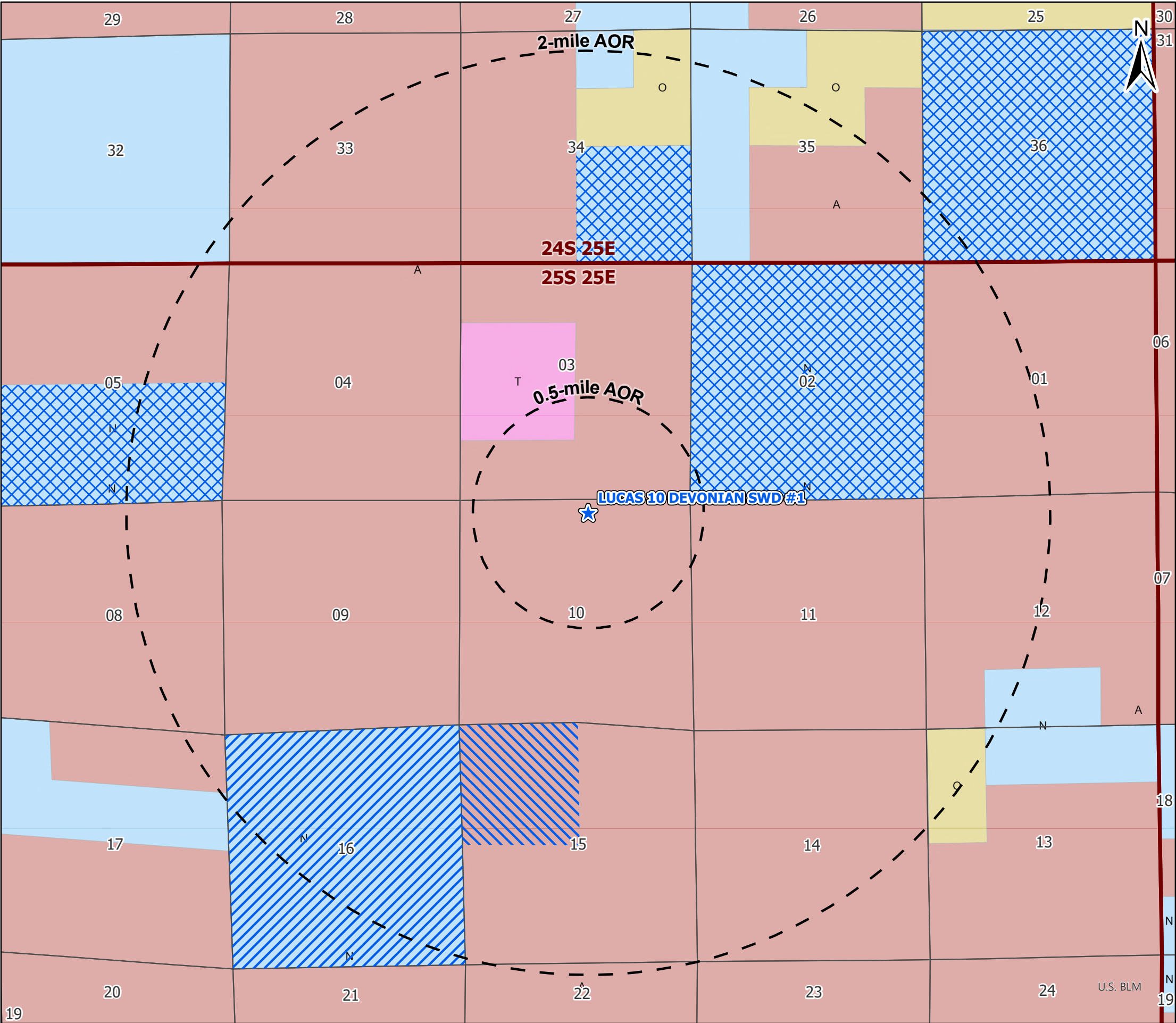
Prepared for:



Prepared by:



Source Info: BLM Mineral Leases (<https://catalog.data.gov/dataset/blm-new-mexico-mineral-ownership>) & NMSLO O&G Leases (<http://www.nmstatelands.org/maps-gis/gis-data-download/>)



Legend

★ Proposed SWD

NMSLO Ownership

- Subsurface
- Surface
- Surface and Subsurface

Mineral Ownership

- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.
- O-Only oil and gas are owned by the U.S.
- T-Other minerals are owned by the U.S.

2-mile Mineral Ownership AOR

LUCAS 10 DEVONIAN SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

April 27, 2026

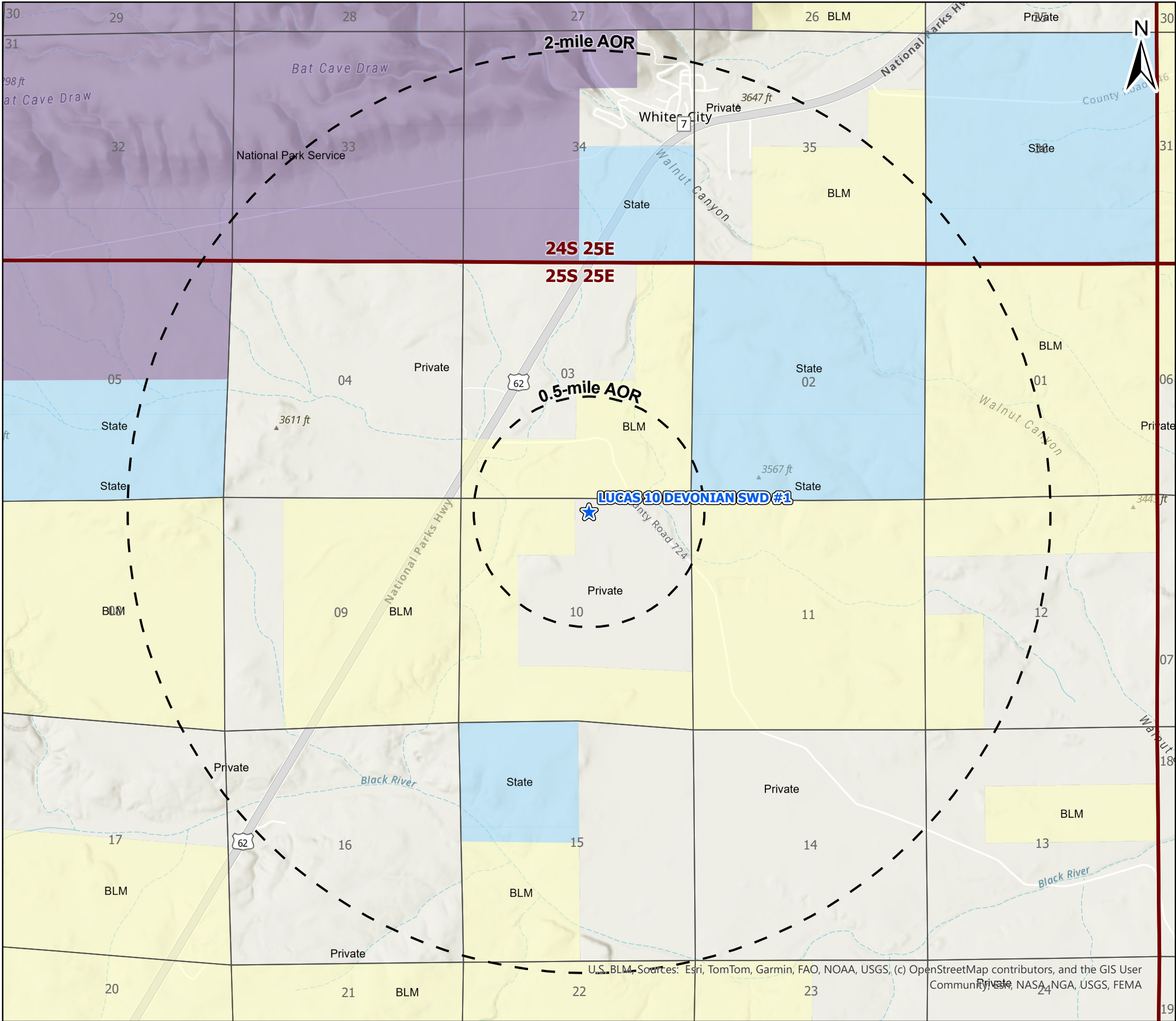
Mapped by:
Ben Bockelmann

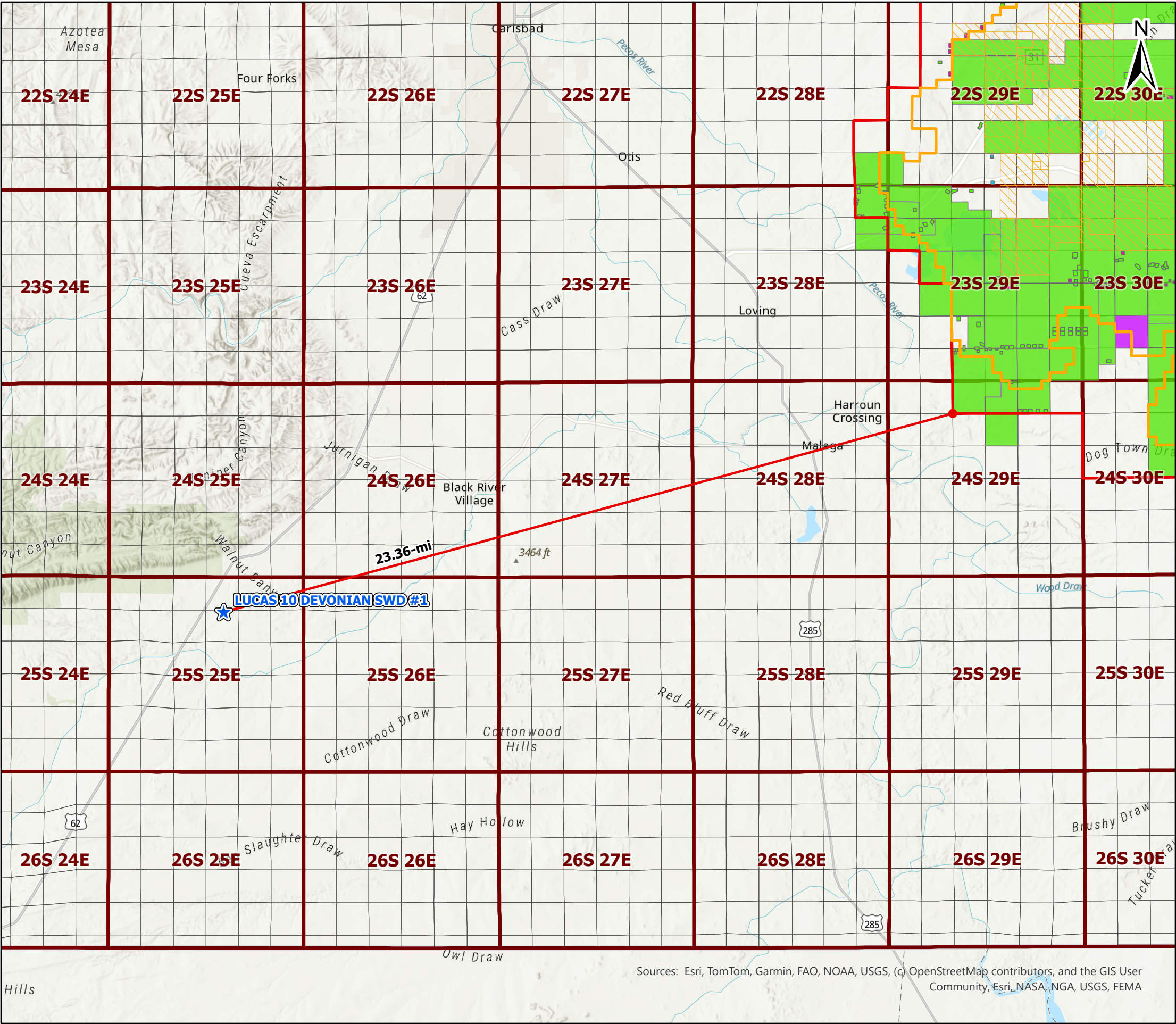
Prepared for:



Prepared by:







Legend

- ★ Proposed SWD
- Known Potash Leasing Area
- Intrepid and Mosaic Potash Leases
- SOPA 1986

Drill Islands - 2025-04-04

Status, Depth Buffer

- Approved, Half Mile
- Approved, Quarter Mile
- Nominated, Half Mile
- Nominated, Quarter Mile

Development Areas- 2025-04-04

Status

- Approved
- Pending

Potash Lease AOR

LUCAS 10 DEVONIAN SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

April 27, 2026

Mapped by:
Ben Bockelmann



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA

Attachment 3

Source Water Analysis

Lucas 10 Devonian SWD #1 - Source Water Analysis (Bone Spring, Wolfcamp, and Morrow formations)																		
Well Name	API	Latitude	Longitude	Formation	Tds (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Iron (mg/L)	Barium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Strontium (mg/L)	Manganese (mg/L)	Chloride (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	H2S (mg/L)
IRRITABLE 22 STATE COM #002H	3001541359	32.1219177	-104.1758957	BONE SPRING 2ND SAND	161087	48367	8782.3	48.9	-	1151.9	-	-	-	100324.4	-	-	544	-
O'NEILL FEDERAL #001	3001520301	32.2303696	-104.2702789	MORROW	123887	49189.7	2808	351	-	-	-	-	-	81000	-	368.28	81	0
MONA LISA #002	3001523094	32.1417465	-104.2325897	MORROW	92832.7	32968.1	2979.66	621.16	6.89	387.96	1332.42	382.66	-	59225.4	0	204.58	293.62	-
NDDUP UNIT #138	3001521478	32.6262703	-104.4918442	MORROW	7125.41	1475.25	568.955	0.2014	0.5035	140.98	246.715	14.098	-	2066.36	27.189	737.124	1898.19	-
RIO PENASCO KD COM #001	3001523227	32.684597	-104.4577332	MORROW	-	-	2800	50	0	2187.8	-	-	-	40896	-	171	50	0
WHITE CITY PENN GAS COM UNIT 1 #001	3001500408	32.1937523	-104.3088455	WOLFCAMP	-	6000	990	0	-	130	-	-	-	10000	-	645	1320	-
LEE J FED #001	3001505973	32.2155037	-104.3304367	WOLFCAMP	-	-	-	-	-	-	-	-	-	9100	-	-	7300	-
BH MATLOCK #001	3001500109	32.6845169	-104.440567	WOLFCAMP	20306	-	-	-	-	-	-	-	-	10360	-	1829	940	-

Attachment 4

Injection Formation Water Analysis

Lucas 10 Devonian SWD #1 - Injection Formation Water Analysis (Devonian-Silurian)																		
Well Name	API	Latitude	Longitude	Formation	Tds (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Iron (mg/L)	Barium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Strontium (mg/L)	Manganese (mg/L)	Chloride (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Sulfate (mg/L)	H2S (mg/L)
WHITE CITY PENN GAS COM UNIT 1 #001	3001500408	32.1937523	-104.3088455	DEVONIAN	-	6072	1002	-	-	132	-	-	-	10120	-	653	1336	-
MCKITTRICK FED #1	3001500135	32.3651619	-104.3481293	DEVONIAN	16200	-	-	-	-	-	-	-	-	8762	-	290	1175	-
JURNEGAN POINT #001	3001510280	32.2405243	-104.423912	DEVONIAN	203100	-	-	-	-	-	-	-	-	121100	-	175	2220	-
CARNERO PEAK UT #001	3001510053	32.3534012	-104.4281158	DEVONIAN	14601	-	-	-	-	-	-	-	-	7236	-	515	1487	-
Note: Select agrees to collect one formation water sample for analysis prior to commencing commercial injection operations, given that no Devonian-Silurian data addressing H2S, cations, and anions is available within 1/2-mile.																		
Sampling results will be electronically provided to NMOCD within 30-days of analysis.																		

Attachment 5

Reservoir Characterization

Reservoir Characterization

1. Injection Formation and Confinement

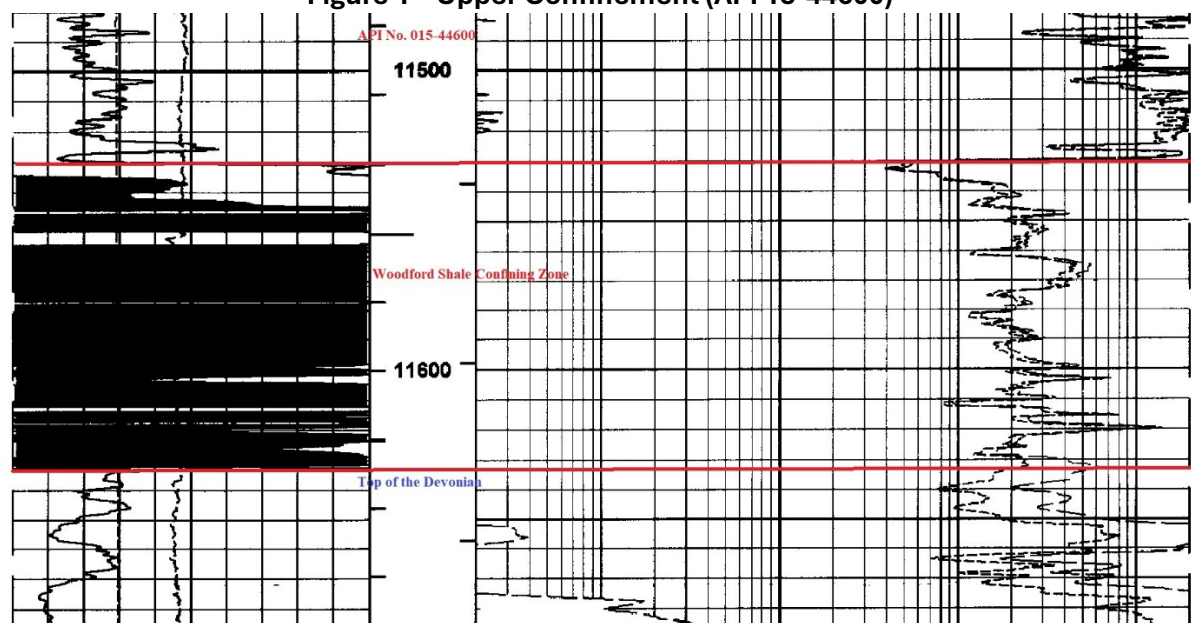
a. Injection Formation

The proposed injection interval includes the Devonian and Silurian formations from 12,500' – 13,500'. The Devonian and Silurian age injection interval consists primarily of cherty limestone and dolomite with primary and secondary porosity and permeability, indicating these formations are viable injection targets. Select will not perforate or inject into the overlying Woodford Shale. Fracture gradient of the proposed injection zone is approximately 0.41 psi/ft.

b. Upper Confinement

Nearby open hole geophysical well logs indicate the proposed Devonian-Silurian injection interval is overlain by approximately 100 feet of Woodford Shale, which will prevent the upward migration of fluids and act as the upper confining layer.

Figure 1 – Upper Confinement (API 15-44600)



c. Lower Confinement

The proposed Devonian-Silurian injection interval is underlain by various low porosity and permeability zones within the Fusselman Formation and Montoya Group consisting of limestones, dolomites, and interbedded shales, which will prevent the downward migration of fluid and act as the lower confining layer. No logs penetrating the lower confinement zone were identified within 10-miles.

2. Historic Field Usage

a. Offset Production

A review of all wells in the NMOCD database within a 2-mile radius of the proposed SWD does not show any historic or current hydrocarbon production from the Devonian or Silurian Formations.

b. Commercial Water Sources

A review of all wells in the NMOCD and OSE databases within a 2-mile radius of the proposed SWD does not show any historic or current commercial water supply sources from the Devonian or Silurian Formations.

c. Enhanced Oil Recovery

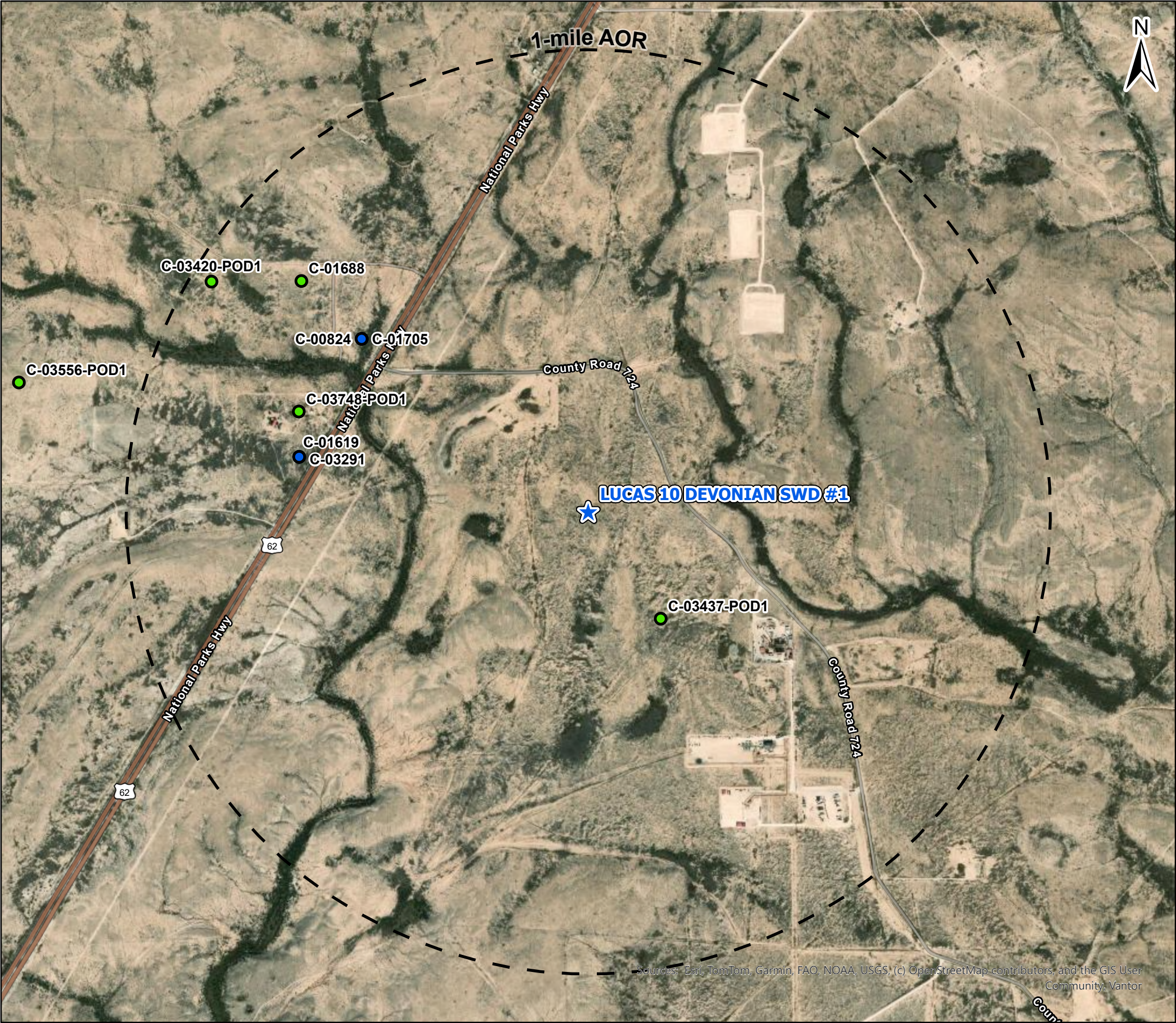
A review of all wells in the NMOCD database within a 2-mile radius of the proposed SWD does not show any historic or current enhanced oil recovery operations utilizing the overlying Woodford Shale or underlying Fusselman Formation.

d. Additional OCD Exhibit 11a Requirements

No Delaware Acid Gas Injection wells are located within 3-miles of the proposed SWD. In addition, the proposed SWD is located outside of the Avalon Shale play, the Capitan Reef Trend, and has been positioned more than 1-mile from any identified wells with potential wellbore concerns or lack of data for evaluation.

Attachment 6

Water Well Map and Well Data



Legend

★ Proposed SWD

OSE Water PODs

● Active (4)

● Pending (5)

1-mile Water Well AOR

LUCAS 10 DEVONIAN SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

April 27, 2026

Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:



Lucas 10 Devonian SWD #1 - Water Well Sampling Rationale					
Water Wells	Owner	Available Contact Information	Use	Sampling Required	Notes
C-00824	Addie B. Farrell	P.O. Box 848 Carlsbad, NM	Domestic	Yes	Sent sampling request letter, awaiting response
C-01705	Edna A. Taylor	P.O. Box 146 White City, NM 88268	Domestic	Yes	Sent sampling request letter, awaiting response
C-01619	Wilson Brazeal	1405 W. Tansil Carlsbad, New Mexico 88220	Domestic	No	Expired Permit
C-03291	Wilma Wells	None Available	Domestic	Yes	No contact information found
C-03437-POD1	Berry Lucas	1412 Burgandy Carlsbad, NM 88220	Domestic	No	Pending
C-03748-POD1	Rogelio Marquez	607 W. Ave. E. Lovington, NM 88260	Domestic	No	Pending
C-01688	Edna A. Taylor	P.O. Box 146 White City, NM 88268	Domestic	No	Pending
C-03420-POD1	David Maley	P.O. Box 519 Carlsbad, NM 88221	Livestock Watering	No	Pending

Attachment 7

No Hydrologic Connection Statement



RE: Select Water Solutions LLC – Lucas 10 Devonian SWD #1 application, Eddy County, New Mexico

ALL Consulting LLC (ALL) has performed a thorough hydrologic investigation related to the one saltwater disposal well (SWD) listed above. The investigation was conducted to determine if there were any existing or potential connections between the proposed injection zones in the Devonian and Silurian formations and the deepest underground source of drinking water (USDW).

ALL performed an assessment and analysis of the subsurface geophysical log data along with published documents on the groundwater in this vicinity of Eddy County, New Mexico. The area is covered with surficial geology of Quaternary alluvial deposits consisting predominantly of sand and silt deposits. In this area the depths to potable water for stock and domestic supplies are less than 175 feet below the surface. The USDW is the Rustler Formation and the base of the USDW plus 25 feet into the anhydrite unit is approximately 345 feet below the surface.

Based on ALL's assessment and analysis there is containment through multiple confining zones above the proposed Devonian and Silurian injection zones and the USDW and over 12,155 feet of vertical separation between the base of the USDW and the top of the injection interval. Additionally, there is no evidence of faults that would allow for communication between the USDW and Devonian and Silurian injection zones.

Tom Tomastik

June 1, 2026

Tom Tomastik

Date

Chief Geologist and Regulatory Specialist

ALL Consulting LLC

Attachment 8

Seismic Potential Letter



June 2, 2026

PN 1619.T2.02

Mr. Phillip Goetze, P.G.
NM EMNRD – Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: **Select Water Solutions, LLC**
Lucas 10 Devonian SWD #1 - Seismic Potential Letter

Dear Mr. Goetze,

At the request of Select Water Solutions, LLC (Select), ALL Consulting, LLC (ALL) has assessed the potential injection-induced seismicity risks in the vicinity of Select's Lucas 10 Devonian SWD #1 (Subject SWD), a proposed saltwater disposal (SWD) facility in Eddy County, New Mexico, and summarized the findings in this letter. This assessment used publicly available data to identify the proximity and characteristics of seismic events and known faults to evaluate the potential for the operation of the Lucas 10 Devonian SWD #1 to contribute to seismic activity in the area.

Geologic Evaluation

The Subject SWD is requesting a permit to inject into the Devonian Formation and Silurian Formation at a depth of 12,500 – 13,500 feet below ground surface (bgs). The Devonian and Silurian Formations consist of cherty limestone and dolomites and are overlain by approximately 100 feet of low porosity and permeability Woodford Shale, which would prevent the upward migration of injection fluid and serve as the upper confining layer (see **Attachment 1**). Additionally, the Silurian Formation is underlain by various low porosity and permeability zones within the Fusselman Formation and Montoya Group, which consist of limestones, dolomites, and interbedded shale zones. No geophysical logs penetrating the Fusselman or Montoya Group were identified within 10 miles of the Subject SWD. A stratigraphic chart depicting the geologic setting is included as **Figure 1**.¹

¹ Yang, K.-M., & Dorobek, S. L. (1995). The Permian Basin of west Texas and New Mexico: Tectonic history of a "composite" Foreland Basin and its effects on stratigraphic development. *Stratigraphic Evolution of Foreland Basins*, 149–174. <https://doi.org/10.2110/pec.95.52.0149>

Select Water Solutions, LLC
Lucas 10 Devonian SWD #1 Seismic Information
June 2, 2026

Seismic Events and Fault Data

A review of United States Geological Survey (USGS) and New Mexico Tech Seismological Observatory (NMTSO) earthquake catalogues determined that The closest recorded seismic event was a M1.39 that occurred on October 6, 2020, and was located approximately 3.28 miles northwest of the Subject SWD (see **Attachment 2**). **Per the USGS earthquake catalog, six (6) seismic events M2.5 or greater have been recorded within 10 miles of the proposed SWD.** The nearest USGS event was a M2.6 that occurred on February 11, 2024, and was located approximately 7.42 miles northwest of the Subject SWD. A table of the USGS events within 10 miles is included as **Figure 2**.

Fault data from United States Geological Survey (USGS) and the Texas Bureau of Economic Geology (BEG)² indicates that the closest known fault is located approximately 5.14 miles southwest of the Subject Well (see **Attachment 2**). This identified fault is within the Precambrian basement, which is approximately 1,500 feet below the proposed injection interval.³ In addition, this oriented perpendicular to the known maximum horizontal stress orientation in the area, which indicates it is unlikely to slip. **No Precambrian basement faults were identified within two miles of the subject well.** A map of the seismic events and faults within ten miles of the Subject SWD is included as **Attachment 2**.

Figure 1 – Delaware Basin Stratigraphic Chart (Adapted from Yang and Dorobek 1995)

SYSTEM	SERIES/STAGE	CENTRAL BASIN PLATFORM	DELAWARE BASIN
PERMIAN	OCHOAN	DEWEY LAKE RUSTLER SALADO	DEWEY LAKE RUSTLER SALADO CASTILE
	GUADALUPIAN	TANSILL YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA	DELAWARE MT GROUP BELL CANYON CHERRY CANYON BRUSHY CANYON
	LEONARDIAN	CLEAR FORK WICHITA	BONE SPRING
	WOLFCAMPIAN	WOLFCAMP	WOLFCAMP
PENNSYLVANIAN	VIRGILIAN	CISCO	CISCO
	MISSOURIAN	CANYON	CANYON
	DESMOINESIAN	STRAWN	STRAWN
	ATOKAN	ATOKA	ATOKA
	MORROWAN	(ABSENT)	MORROW
MISSISSIPPIAN	CHESTERIAN MERAMECIAN OSAGEAN KINDERHOOKIAN	CHESTER MERAMEC OSAGE KINDERHOOK WOODFORD DEVONIAN	CHESTER MERAMEC OSAGE KINDERHOOK WOODFORD DEVONIAN
DEVONIAN			
SILURIAN		SILURIAN SHALE FUSSELMAN	MIDDLE SILURIAN FUSSELMAN
ORDOVICIAN	UPPER	MONTOYA	SYLVAN MONTOYA
	MIDDLE	SIMPSON	SIMPSON
	LOWER	ELLENBURGER	ELLENBURGER
CAMBRIAN	UPPER	CAMBRIAN	CAMBRIAN
PRECAMBRIAN			

Figure 2 – USGS Events Within 10 Miles

Date	Latitude	Longitude	Depth (km)	Magnitude (M)
9/4/2025	32.2398	-104.485	5	2.5
12/5/2024	32.1906	-104.524	10.73	2.8
12/5/2024	32.1963	-104.507	9.078	2.8
11/7/2024	32.2397	-104.469	7.493	2.6
2/11/2024	32.21	-104.489	5	2.6
12/23/2020	32.2209	-104.528	2.89	2.6

² Horne E. A. Hennings P. H., and Zahm C. K. 2021. Basement structure of the Delaware Basin, in The Geologic Basement of Texas: A Volume in Honor of Peter Flawn, Callahan O. A., and Eichubel P., The University of Texas at Austin, Bureau of Economic Geology.

³ G. Randy Keller, J. M. Hills & Rabah Djeddi, A regional geological and geophysical study of the Delaware Basin, New Mexico and West Texas, Trans Pecos Region (West Texas) (1980).

Select Water Solutions, LLC
Lucas 10 Devonian SWD #1 Seismic Information
June 2, 2026

Seismic Potential Evaluation

Experience in evaluating induced seismic events indicates that most injection-induced seismicity throughout the U.S. (e.g., Oklahoma, Ohio, Texas, New Mexico, and Colorado) occurs as a result of injection into Precambrian basement rock, into overlying formations that are in hydraulic communication with the Precambrian basement rock, or as a result of injection near critically stressed and optimally oriented faults. Seismicity at basement depths occurs because critically stressed faults generally originate in crystalline basement rock and may also extend into overlying sedimentary formations.⁴

Injection into either the Precambrian basement rock or its overlying formations that are hydraulically connected to the basement rock through faulting or fracture networks can increase the pore pressure and may lead to the fault slipping, resulting in a seismic event.⁴ As such, the vertical distance between the injection formation and Precambrian basement rock and the presence or lack of faulting within the injection interval are major considerations when determining the risk of injection-induced seismicity.

Geophysical data from nearby well records, aeromagnetic surveys, and gravity surveys indicates the top of the Precambrian basement to be approximately 15,000 feet bgs at the Subject SWD, or approximately 1,500 feet below the proposed injection interval.³ In addition, publicly available fault data does not indicate any transmissive faulting is present above the Precambrian basement around the Subject SWD. **There are insufficient Precambrian basement penetrations and/or well data regarding Precambrian basement depth to generate an accurate structural contour map of the Precambrian basement in the vicinity of the proposed SWD.**

Class II SWDs in New Mexico are administratively permitted with a maximum pressure gradient of 0.2 psi/ft. Review of New Mexico Oil Conservation Division (OCD) Order IP-537 from the Mack Energy Round Tank SWD #1, which is located approximately 61 miles northeast of the Subject SWD, determined the fracture gradient of the Devonian Formation in the region is 0.41 psi/ft from an approved step-rate test. Typical SWD permitting standards in New Mexico would indicate that formation parting pressure would not be exceeded by the Subject SWD.

Conclusion

As experts on the issue of induced seismicity, seismic monitoring, and mitigation, it is our opinion that the potential for the Subject SWD to cause injection-induced seismicity is expected to be minimal. This conclusion assumes the Subject SWD will be operated below formation parting pressure and is based on (1) the presence of numerous confining layers above and below the injection interval and (2) the significant vertical and lateral distance between the injection zone and Precambrian basement rock in which the nearest fault has been identified.

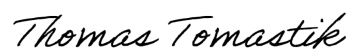
Sincerely,
ALL Consulting

⁴ Ground Water Protection Council and Interstate Oil and Gas Compact Commission. *Potential Injection-Induced Seismicity Associated with Oil & Gas Development: A Primer on Technical and Regulatory Considerations Informing Risk Management and Mitigation*. 2015. 141 pages.

Select Water Solutions, LLC
Lucas 10 Devonian SWD #1 Seismic Information
June 1, 2026

A handwritten signature in black ink, appearing to read 'Reed Davis'.

Reed Davis
Geophysicist

A handwritten signature in black ink, appearing to read 'Thomas Tomastik'.

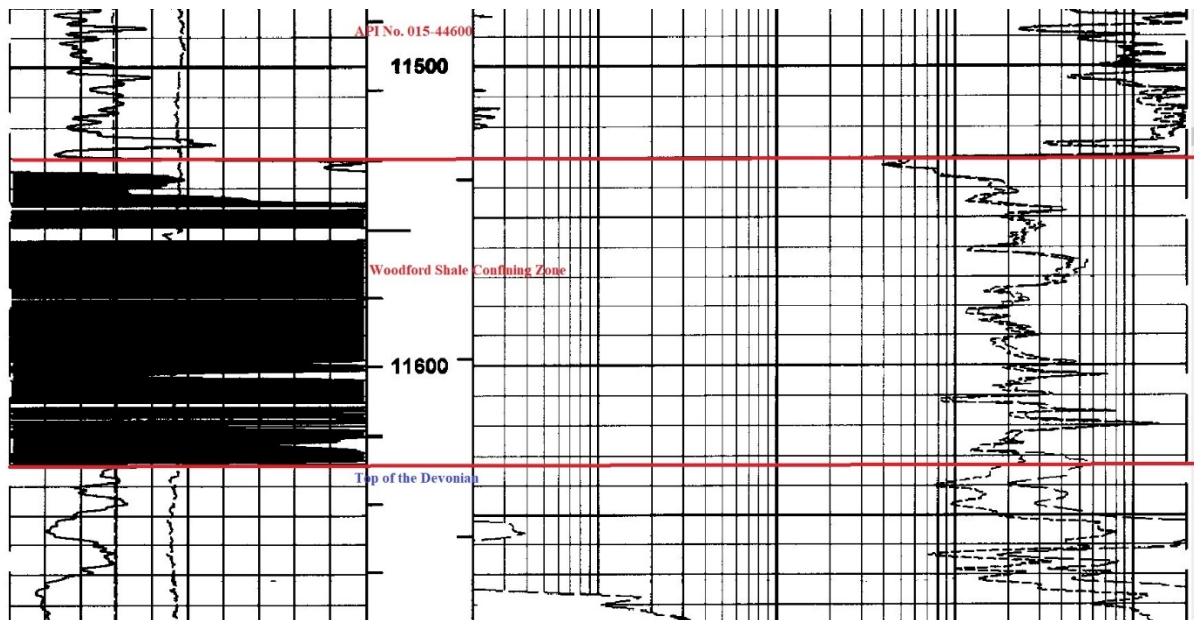
Thomas Tomastik
Chief Geologist

Select Water Solutions, LLC
Lucas 10 Devonian SWD #1 Seismic Information
June 2, 2026

Attachment 1
Woodford Shale Upper Confining Zone

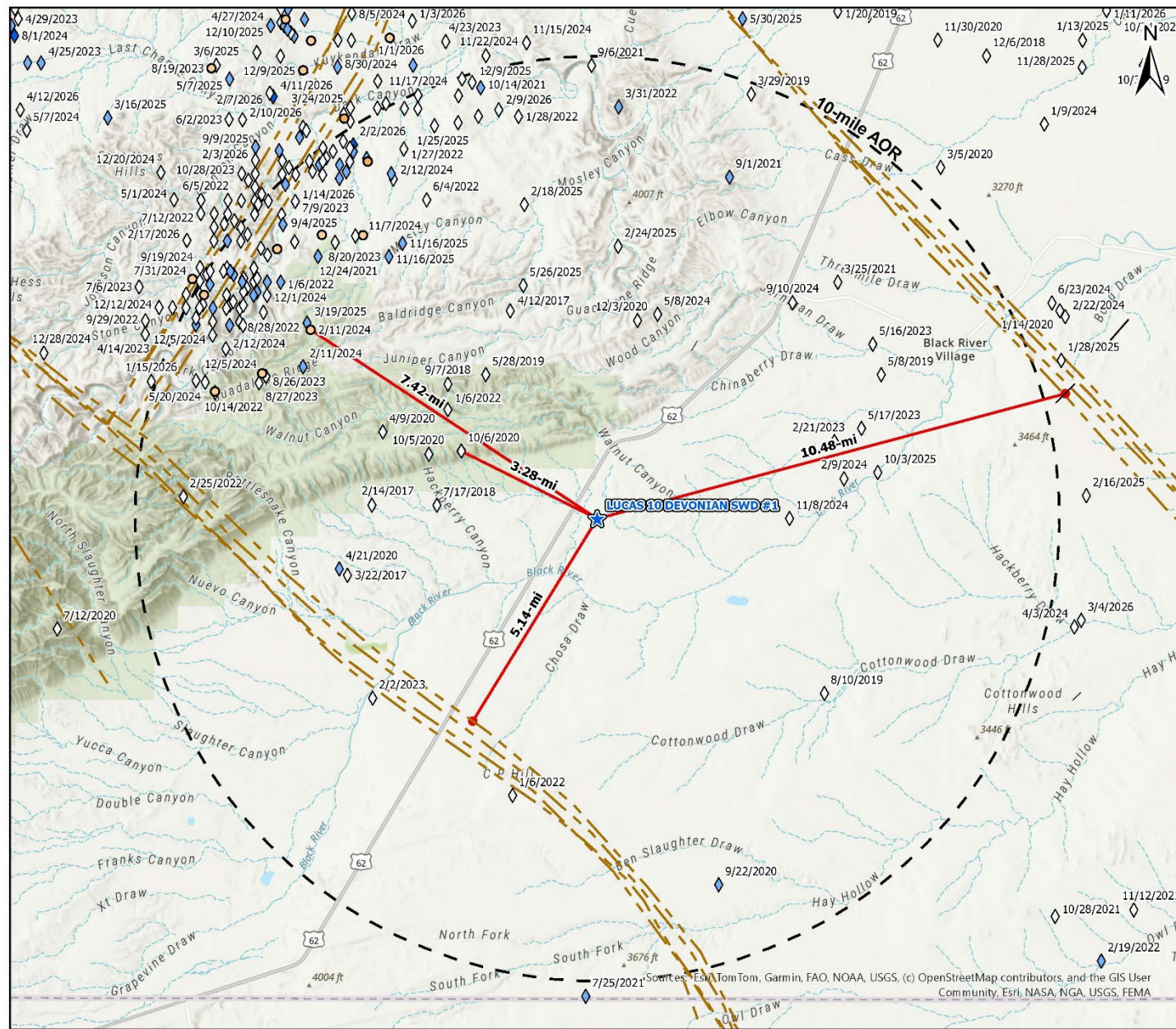
Select Water Solutions, LLC
Lucas 10 Devonian SWD #1 Seismic Information
June 2, 2026

Woodford Shale Upper Confining Zone from API No. 015-44600



Select Water Solutions, LLC
 Lucas 10 Devonian SWD #1 Seismic Information
 June 2, 2026

Lucas 10 Devonian SWD #1 Nearby Seismic Events and Faults



Legend

★ Proposed SWD

--- Shallow Faults

--- Deep Faults

USGS Seismic Events - 5/4/2026

Magnitude

- 0 - 2.0 (0)
- 2.1 - 3.0 (13)
- 3.1 - 4.0 (2)
- 4.1 - 4.4 (0)

NMTSO Seismic Events - 5/4/2026

Magnitude

- ◇ 0 - 2.0 (207)
- ◇ 2.1 - 3.0 (54)
- ◇ 3.1 - 4.0 (3)
- ◇ 4.1 - 4.9 (0)

Stress Orientations (Lund, Snee, Zoback 2020)

Indicator, Quality

- | Wellbore, A (3)
- | Wellbore, C (2)

Seismic Analysis AOR

LUCAS 10 DEVONIAN SWD #1 EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

May 04, 2026

Mapped by:
Ben Bockelmann

Prepared for:

SELECT

Prepared by:

ALL CONSULTING

Attachment 9

List of Affected Persons

Lucas 10 Devonian SWD #1 - Notice of Application Recipients						
Affected Party Classification	Entity - Proof of Notice	Entity - As Mapped/Exhibited	Address	City	State	Zip Code
Surface and Mineral Owner	Berry & Janice Lucas	Private Surface Owner	P.O. BOX 96	White City	NM	88268
NMOCD District Office	New Mexico Oil Conservation District 2	N/A	811 S. First Street	Artesia	NM	88210
BLM - Lessee	CABAL ENERGY CORP	CABAL ENERGY CORP	415 W WALL ST STE 1700	MIDLAND	TX	79701-4433
BLM - Lessee	COG OPERATING LLC	COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701
BLM - Lessee	CONCHO OIL & GAS LLC	CONCHO OIL & GAS LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701
BLM - Lessee	JKM ENERGY LLC	JKM ENERGY LLC	26 E COMPRESS RD	ARTESIA	NM	88210
BLM - Lessee	LRF JR LLC	LRF JR LLC	P.O. BOX 11327	MIDLAND	TX	79702-8327
NMSLO - Lessee	MAGNUM HUNTER PRODUCTION, INC	MAGNUM HUNTER PRODUCTION, INC	6001 DEAUVILLE BLVD SUITE 300N	MIDLAND	TX	79706
BLM - Lessee	ROBERT W HANAGAN	ROBERT W HANAGAN	P.O. BOX 746	BIG HORN	WY	82833
BLM - Unit Operator	TAP ROCK OPERATING LLC	TAP ROCK OPERATING LLC	1700 LINCOLN ST STE 4700	DENVER	CO	80203
Note: The affected parties above received notification of this C-108 application. BLM Unit Operators and Lessee information was retrieved from BLM MLRS (https://mlrs.blm.gov/s/). NMSLO Lessee information retrieved from NMOCD Operator Search (https://wwwapps.emnrd.nm.gov/OCD/OCDPermitting/Operators/Search/OperatorSearch.aspx).						

Affidavit of Publication

No. 114810

State of New Mexico

County of Eddy:

Adrian Heddenbeing 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 July 8, 2026

Second Publication _____

Third Publication _____

Fourth Publication _____

Fifth Publication _____

Sixth Publication _____

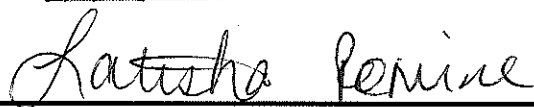
Seventh Publication _____

Eighth Publication _____

Subscribed and sworn before me this

8th day of July 2026

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



Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:**APPLICATION FOR AUTHORIZATION TO INJECT**

NOTICE IS HEREBY GIVEN: That Select Water Solutions, LLC, (OGRID No. 289068), 1820 N I-35, Gainesville, TX, 76240, is requesting that the New Mexico Oil Conservation Division administratively approve the APPLICATION FOR AUTHORIZATION TO INJECT as follows:

PURPOSE: The intended purpose of the injection well is to dispose of salt water produced from permitted oil and gas wells.

WELL NAME AND LOCATION: Lucas 10 Devonian SWD #1
Located 19.7 miles southwest of Carlsbad, NM
Lot B, Section 10 Township 25S Range 25E
301 FNL & 2,328 FEL
Eddy County, NM

NAME AND DEPTH OF DISPOSAL ZONE: Devonian-Silurian (12,500-13,500)

EXPECTED MAXIMUM INJECTION RATE: 30,000 Bbls/day
 EXPECTED MAXIMUM INJECTION PRESSURE: 2,500 psi
(surface)

Objections or requests for hearing must be filed with the New Mexico Oil Conservation Division within fifteen (15) days. Any objection or request for hearing should be mailed to the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505.

Additional information may be obtained by contacting Reed Davis at 918-382-7581.

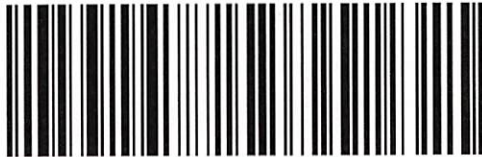
114810-Published in Carlsbad Current Argus July 8, 2026.

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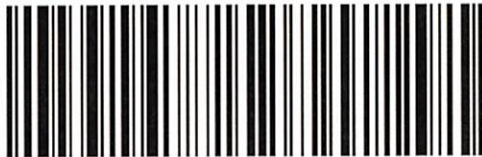
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1700 N LINCOLN ST STE 4700
DENVER CO 80203-4547

Magnum Hunter Production, Inc
6001 DEAUVILLE # 300N
MIDLAND TX 79706-2671

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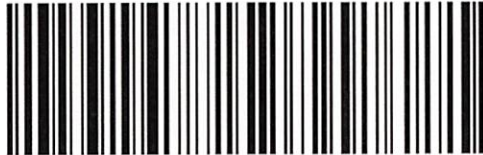
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Berry & Janice Lucas
PO BOX 96
WHITES CITY NM 88268-0096

New Mexico Oil Conservation Dist. 2
811 S 1ST ST
ARTESIA NM 88210-2834

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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 603739

CONDITIONS

Operator: SELECT WATER SOLUTIONS, LLC 719 E Forest Ct Ln Mustang, OK 73064	OGRID: 289068
	Action Number: 603739
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
delilah.dougi	None	7/22/2026