

AE Order Number Banner

Application Number: pEG2527251378

Initial Application Part I

SWD-2671

RILEY PERMIAN OPERATING COMPANY, LLC [372290]

Received: 9/29/2025



September 24, 2025

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

Subject: Riley Permian Operating Company, LLC (OGRID No. 372290)
Application for Authorization Inject – No Bluff State Com SWD #1

To Whom it May Concern,

On behalf of Riley Permian Operating Company, LLC, ALL Consulting, LLC is submitting the enclosed Application for Authorization to Inject for the No Bluff State Com 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

A handwritten signature in black ink, appearing to read "Reed Davis", is positioned below the typed name.

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 _____ x _____ Disposal _____ Storage
Application qualifies for administrative approval? _____ x _____ Yes _____ No
- II. OPERATOR: Riley Permian Operating Company ,LLC
ADDRESS: 29 E Reno Avenue, Suite 500, Oklahoma City, OK 73104
CONTACT PARTY: Spence Laird PHONE: 405-543-1411
- 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 _____ x _____ 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: September 24, 2025
E-MAIL ADDRESS: rdavis@ll-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

Attachments

Attachment 1:

- C-102
- Wellbore Diagram
- Packer Diagram

Attachment 2: Area of Review Information:

- 2-mile Production Review Map
- 1/2-mile Problem Well Map
- 1/2-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: Technical Assessment and Workover Details

Attachment 10: List of Affected Persons and Proof of Notice

Application for Authorization to Inject
Well Name: No Bluff State Com SWD #1

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

A.

(1) General Well Information:

Operator: Riley Permian Operating Company, LLC (OGRID No. 372290)
Lease Name & Well Number: No Bluff State Com SWD #1
API No: 30-015-30907
Location Footage Calls: 660' FNL & 860' FWL
Legal Location: Lot D, S36 T17S R27E
Ground Elevation: 3,589'
Proposed Injection Interval: 7,750' – 8,000'
County: Eddy

(2) Casing Information:

Type	Hole Size	Casing Size	Casing Weight	Setting Depth	Sacks of Cement	Estimated TOC	Method Determined
Surface	17-1/2"	13-3/8"	61 lb/ft	445'	550	Surface	Circulation
Intermediate	12-1/4"	8-5/8"	32 lb/ft	1,855'	900	Surface	Circulation
Production	7-7/8"	5-1/2"	17 lb/ft	9,834'	2,025	1,706'	CBL
Tubing		2-7/8"	8.6 lb/ft	7,730'			

(3) Tubing Information:

2-7/8" (8.6 lb/ft) fiberglass or equivalent lined tubing with setting depth of 7,730'.

(4) Packer Information: AS1-X or equivalent packer set at 7,730'.

B.

(1) Injection Formation Name: Cisco-Canyon

Pool Name: SWD; CISCO-CANYON

Pool Code: 96186

(2) Injection Interval: Perforated injection between 7,750' – 8,000'

(3) Drilling Purpose: Recompletion for saltwater disposal

(4) Other Perforated Intervals: 6,370' – 6,581', 6,936' – 7,078', and 9,634' – 9,658' (shut-in below CIBP @9,600')

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

- Glorieta (3,065')
- Yeso Group / Tubb (4,550')
- Abo (5,202')
- Wolfcamp (6,418')

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

- Atoka (9,278')
- Morrow (9,510')

- Devonian (10,500')

V – Well and Lease Details

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

- 2-mile Production Review Map
- 1/2-mile Problem Well Map
- 1/2-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 1/2-mile AOR is included in **Attachment 2**.

Ninety (90) wells have been drilled in the 1/2-mile AOR. None of these wells penetrate the proposed injection zone.

VII – Proposed Operation

- (1) **Proposed Maximum Injection Rate:** 10,000 bpd
Proposed Average Injection Rate: 7,500 bpd
Step Rate Test: Riley intends to conduct a Step Rate Test (SRT) at the proposed No Bluff State Com SWD #1 location, prior to commencement of injection, to determine the formation fracture gradient and maximum allowable surface injection pressure.
- (2) A **closed-loop system** will be used.
- (3) **Proposed Maximum Injection Pressure:** 1,550 psi (surface)
Proposed Average Injection Pressure: Approximately 1,008 psi (surface)
- (4) **Source Water Analysis:** The expected injectate will consist of produced water from production wells completed in the Delaware Mountain Group, Glorieta, Abo, Yeso, and Bone Spring 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 Cisco and Canyon formations, which are non-productive zones known to be compatible with formation water from the Delaware Mountain Group, Glorieta, Abo, Yeso, and Bone Spring formations. Water analyses from the Cisco-Canyon in the area are included as **Attachment 4**.

VIII – Geologic Description

The proposed injection interval includes the Cisco and Canyon formation from a depth of 7,750' to 8,000'. The Pennsylvanian-aged Cisco and Canyon formations consist of dolomites, limestones, and other interbedded carbonate rocks, with sections of porous and permeable sandstone. Multiple zones of low resistivity indicate this formation is a viable injection target in the area.

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 400 feet. Depth of the nearest water well in the area is approximately 220 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

A cement bond log 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 no active groundwater wells located within 1-mile of the proposed SWD location.

A water well map is 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**.

In addition, a *Seismic Potential Letter* detailing the minimal risk of injection-induced seismicity associated with the proposed SWD is included as **Attachment 8**. Also included as **Attachment 9** is a technical assessment of the No Bluff State Com SWD #1 history and proposed workover procedure.

XIII – Notice

A public notice was filed with the Artesia Daily Press, and an affidavit is included in **Attachment 10**.

Notification was submitted to the OCD district office, landowner, and all identified affected parties within 1/2-mile of the proposed SWD location. A list of notice recipients, as well as delivery confirmations, are included as **Attachment 10**.

Attachment 1

- C-102
- Wellbore Diagram
- Packer Diagram

State Lease - 4 Copies
 Fee Lease - 3 Copies

□ ALLEGED REPORT

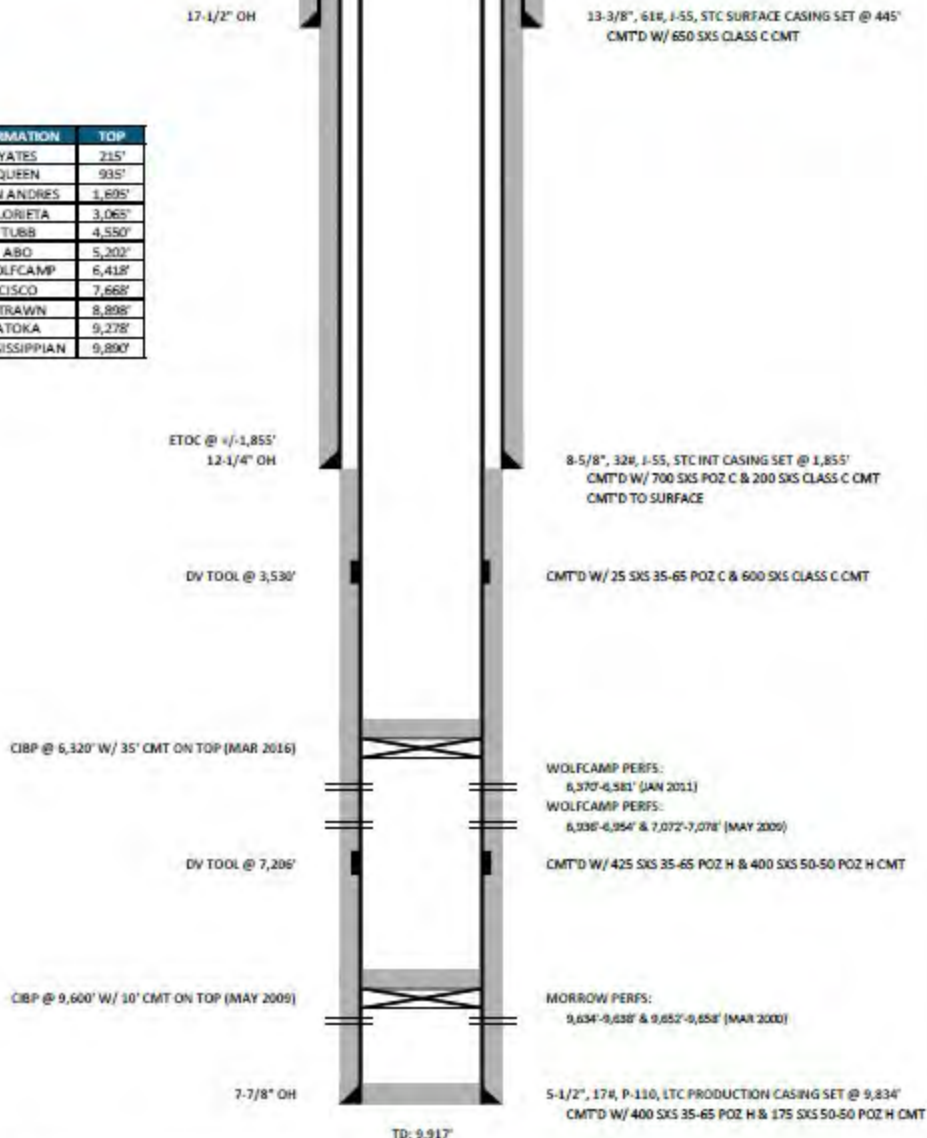


KB:
GL: 3,589'

Current WBD

FORMATION	TOP
YATES	215'
QUEEN	935'
SAN ANDRES	1,605'
GLORIETA	3,065'
TUBB	4,550'
ABO	5,202'
WOLFCAMP	6,418'
CISCO	7,668'
STRAWN	8,898'
ATOKA	9,278'
MISSISSIPPIAN	9,890'

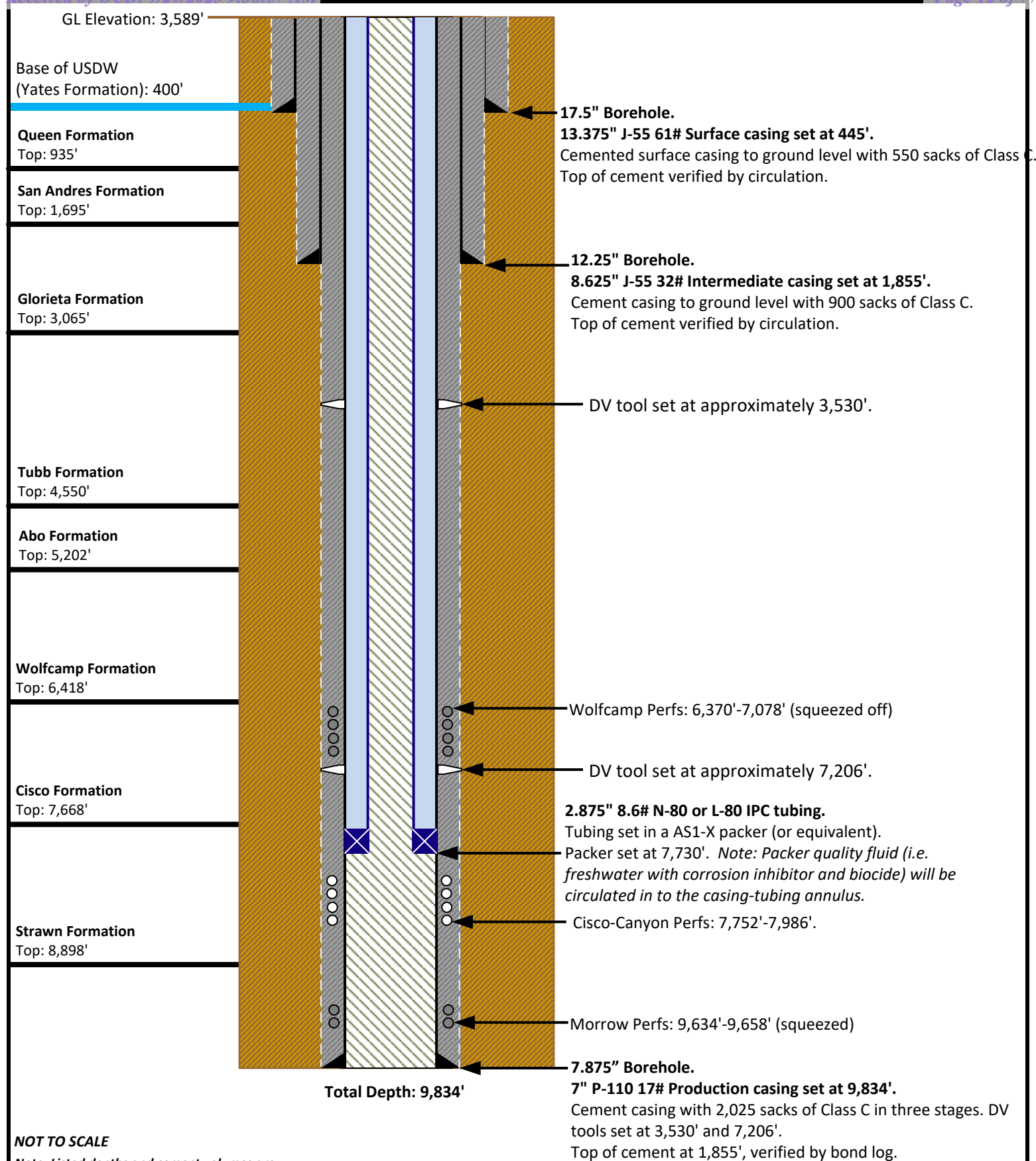
[78890] ILLINOIS CAMP; MORROW, NORTH (GAS);	API #:	30-013-30907
[96960] LOGAN DRAW; WOLFCAMP (O)	SPUD DATE:	1/19/2000
EDDY COUNTY, NM	OCD DISTRICT:	ARTESIA
	LOCATION:	UNIT D, 660' FNL & 360' FWL SEC 36, T 17S, R 27E



DRIVING DIRECTIONS:

From the Artesia, NM, head east on US-82 for 9.66 miles. Turn right on 225/Hilltop Rd and travel 0.87 miles. Turn right onto lease road and travel 0.06 miles. Turn right and travel 0.36 miles. Turn left and travel 0.5 miles. Turn right and travel 0.03 miles to location.

LAT:	32.6838722
LONG:	-104.2126846
UPDATED ON:	4/3/2023
UPDATED BY:	PAUL RYZA



NOT TO SCALE

Note: Listed depths and cement volumes are approximates based on available information.

Prepared by:

ALL CONSULTING

Prepared for:



Drawn by: Joshua Ticknor

Project Manager: Reed Davis

Date: 09/10/2025

No Bluff State Com SWD #1
Proposed Wellbore Diagram
Operated by Riley Permian Operating, LLC
S36, T17S, R27E
Eddy County, New Mexico

AS1-X MECHANICAL PACKER



The ACT AS1-X Packer is the most versatile of the mechanically set retrievable packers and may be used in any production application. Treating, testing, injecting, pumping wells, flowing wells, deep or shallow; the AS1-X is suited for all. The packer can be left in tension or compression, depending on well conditions and the required application. A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set and opens prior to releasing the upper slips when retrieving to allow pressure equalization.

The J-slot design allows easy setting and releasing; 1/4 turn right-hand set, right-hand release. A patented upper-slip releasing system reduces the force required to release the packer. A non directional slip is released first, making it easier to release the other slips. The AS1-X packer can withstand 7,000 psi (48 MPa) of differential pressure above or below.

FEATURES, ADVANTAGES AND BENEFITS:

- The design holds high differential pressure from above or below, enabling the packer to meet most production, stimulation, and injection needs
- The packer can be set with compression, tension, or wire line, enabling deployment in shallow and deep applications
- The packer can be set and released with only a one-quarter turn of the tubing
- The bypass valve is below the upper slips so that debris are washed from the slips when the valve is opened, reducing the times for circulation and total retrieval

- The full opening enables unrestricted flow and the passage of wire line tools and other packer systems
- The packer can be run with the T-2 on-off tool, which enables the tubing to be disconnected and retrieved without retrieving the packer

OPTIONS:

- Elastomer options are available for hostile environments
- Optional safety releases are available

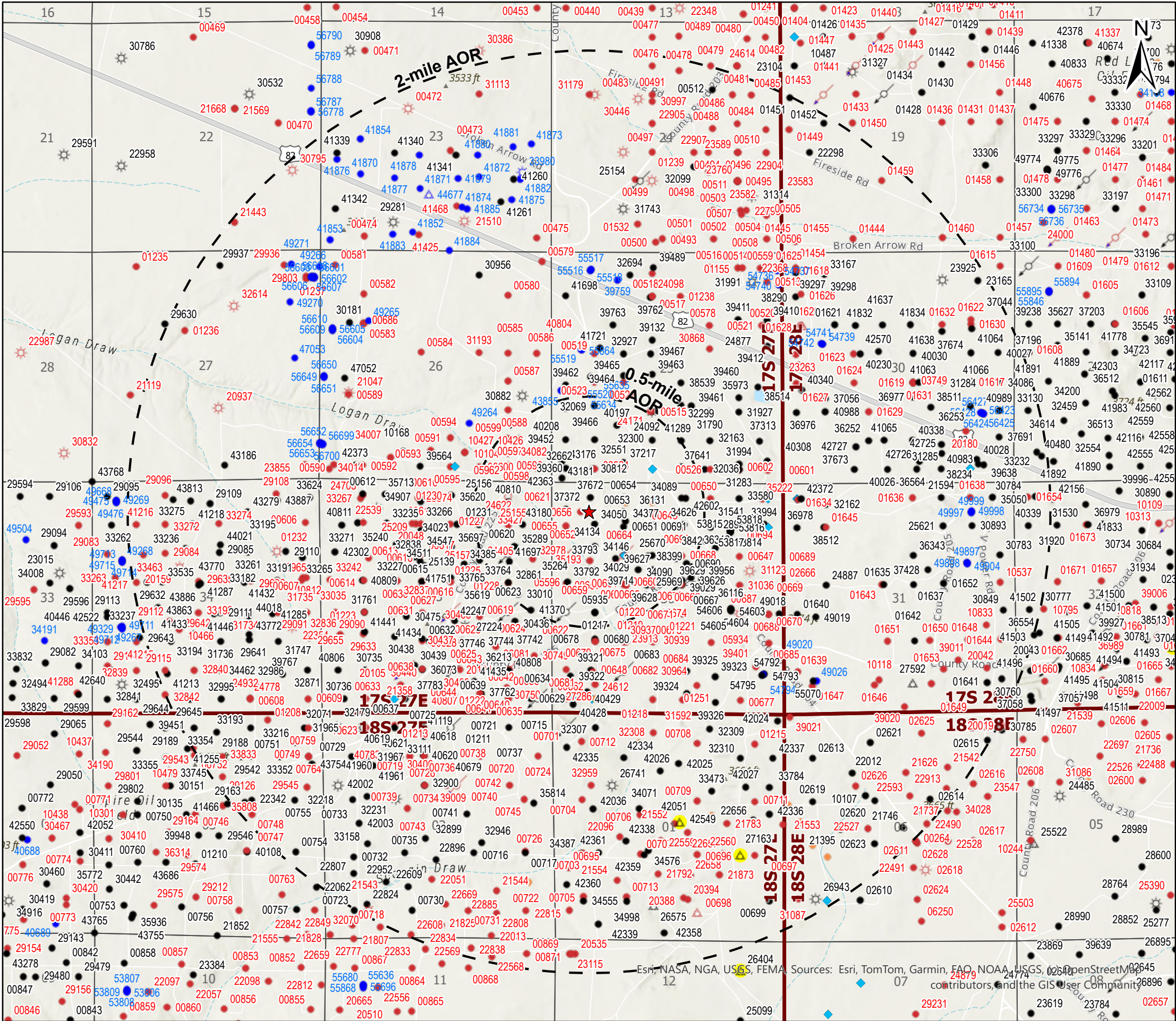
AS1-X MECHANICAL PACKER						
CASING		RECOMMENDED HOLE SIZE (inches)	TOOL OD MAX (inches)	TOOL ID MIN (inches)	THREAD CONNECTION BOX UP / PIN DOWN	PART NO.
SIZE (inches)	WEIGHT (lbs ft)					
4.1/2	13.5-15.1	3.826-3.920	3.650	1.938	2.3/8" EUE	261-3650-XXXX
5	11.5-15	4.408-4.560	4.125	1.938	2.3/8" EUE	261-4125-XXXX
5	18-20.8	4.154-4.276	4.000	1.938	2.3/8" EUE	261-4000-XXXX
5.1/2	14-20	4.778-5.012	4.625	2.00	2.3/8" EUE	261-4625-XXXX
5.1/2	14-20	4.778-5.012	4.625	2.38	2.7/8" EUE	261-4625-XXXX
5.1/2	20-23	4.670-4.778	4.500	2.00	2.3/8" EUE	261-4500-XXXX
5.1/2	20-23	4.670-4.778	4.500	2.38	2.7/8" EUE	261-4500-XXXX
6.5/8	20-24	5.921-6.094	5.750	3.00	3.1/2"EUE	261-5750-XXXX
7	17-26	6.276-6.538	6.000	2.50	2.7/8" EUE	261-6000-XXXX
7	17-26	6.276-6.538	6.000	3.00	3.1/2" EUE	261-6000-XXXX
7	26-32	6.094-6.276	5.875	2.50	2.7/8" EUE	261-5875-XXXX
7	26-32	6.094-6.276	5.875	3.00	3.1/2" EUE	261-5875-XXXX
7	29-35	6.004-6.184	5.812	3.00	3.1/2" EUE	261-5812-XXXX
7.5/8	24-29.7	6.875-7.025	6.672	2.50	2.7/8"EUE	261-6672-XXXX
7.5/8	24-29.7	6.875-7.025	6.672	3.00	3.1/2" EUE	261-6672-XXXX
7.5/8	33.7-39	6.625-6.765	6.453	2.50	2.7/8"EUE	261-6453-XXXX
7.5/8	33.7-39	6.625-6.765	6.453	3.00	3.1/2" EUE	261-6453-XXXX
9.5/8	32.3-43.5	8.755-9.001	8.500	3.00	3.1/2" EUE	261-8500-XXXX
9.5/8	32.3-43.5	8.755-9.001	8.500	4.00	4.1/2" EUE	261-8500-XXXX
9.5/8	43.5-53.5	8.535-8.755	8.250	3.00	3.1/2" EUE	261-8250-XXXX
9.5/8	43.5-53.5	8.535-8.755	8.250	4.00	4.1/2" EUE	261-8250-XXXX

XXXX is changed as per material / elastomer / end connection

Attachment 2

Area of Review Information:

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



Legend

- ★ Proposed SWD
- ⚙ Gas, Active (31)
- ⚙ Gas, New (1)
- ⚙ Gas, Plugged (22)
- ⚙ Gas, Temporarily Abandoned (1)
- ⚙ Injection, Active (19)
- ⚙ Injection, Plugged (15)
- Oil, Active (558)
- Oil, New (109)
- Oil, Plugged (554)
- Oil, Temporarily Abandoned (14)
- △ Salt Water Injection, Active (8)
- △ Salt Water Injection, New (1)
- △ Salt Water Injection, Plugged (2)
- Water, Plugged (1)
- ◆ Reclamation Fund (15)
- Wells Producing from Target Injection Zone (4)

2-mile Production Review

NO BLUFF STATE COM SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

June 23, 2025

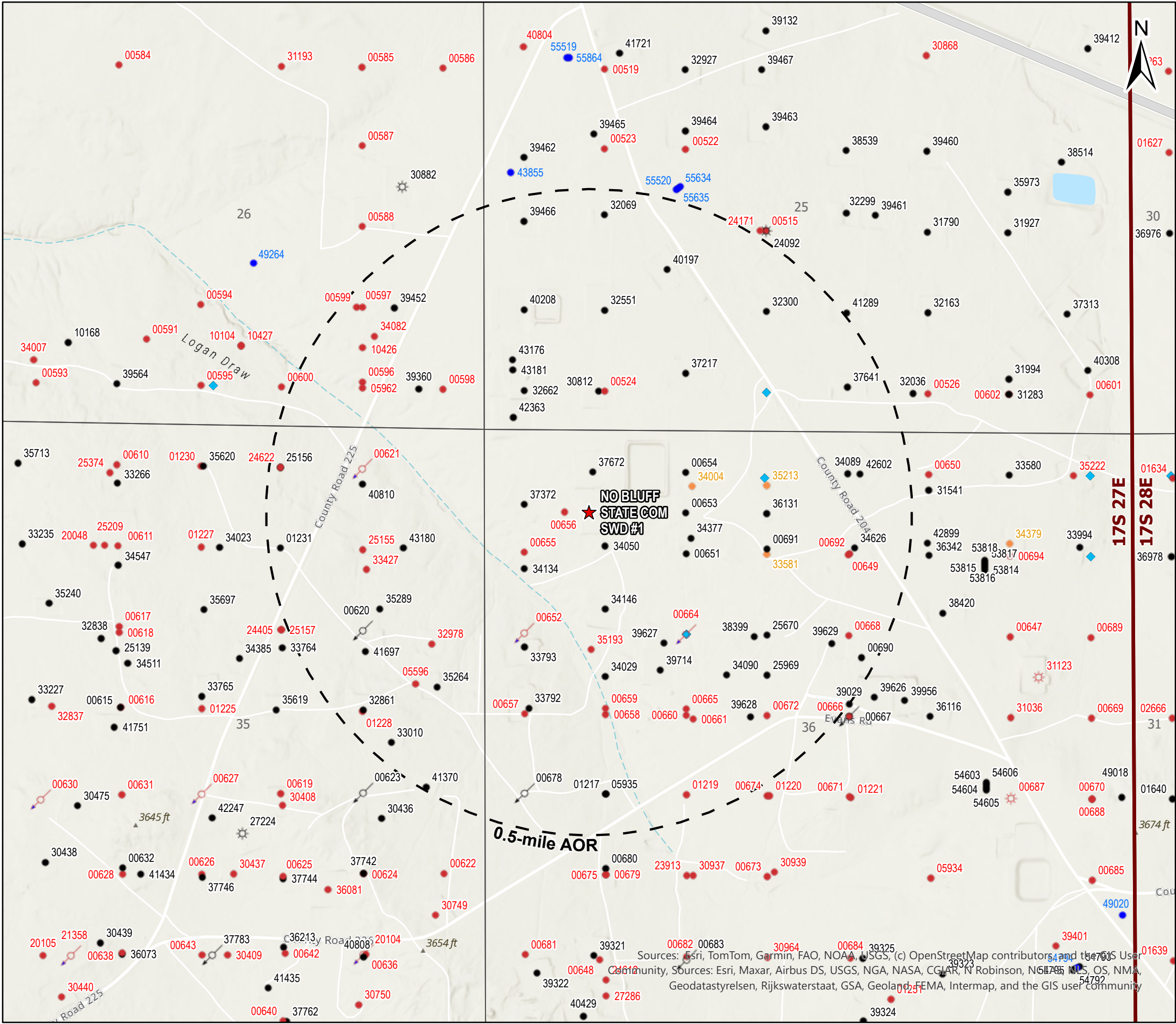
Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:





Legend

- ★ Proposed SWD
- ⚙ Gas, Active (4)
- ⚙ Gas, Plugged (2)
- 🔍 Injection, Active (7)
- 🔍 Injection, Plugged (7)
- Oil, Active (146)
- Oil, New (9)
- Oil, Plugged (123)
- Oil, Temporarily Abandoned (4)
- ◆ Reclamation Fund (7)

0.5-mile O&G Wells AOR

NO BLUFF STATE COM SWD #1
EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

June 23, 2025

Mapped by:
Ben Bockelmann

Prepared for:



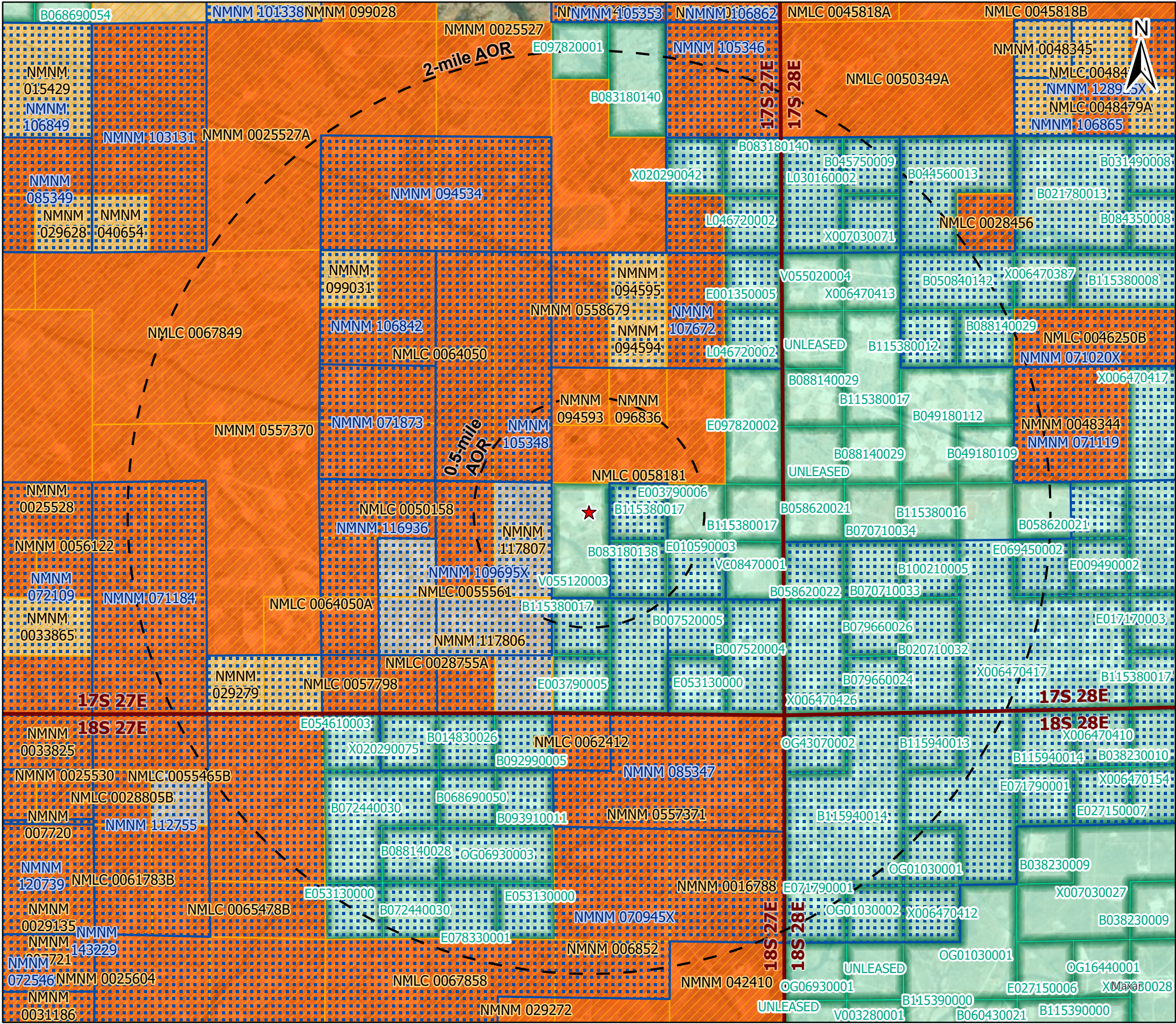
Prepared by:



AOR Tabulation for No Bluff State Com SWD #1 (Cisco and Canyon Formations - Injection Interval: 7,750' - 8,000'), Eddy County							
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
No Bluff State Com #009	30-015-34050	Oil	Riley Permian Operating Co., LLC	4/27/2025	36-17S-27E	3,709	No
No Bluff State Com #006	30-015-34134	Oil	Riley Permian Operating Co., LLC	9/19/2005	36-17S-27E	3,595	No
State #2	30-015-00655	Oil	F.B. Hadlock	2/11/1942	36-17S-27E	531	No
Magruder-State #3	30-015-00656	Oil	Rutter & Wilbanks	9/21/1947	36-17S-27E	1,655	No
No Bluff State Com #008	30-015-37372	Oil	Riley Permian Operating Co., LLC	1/17/2010	36-17S-27E	4,637	No
No Bluff State Com #010	30-015-37672	Oil	Riley Permian Operating Co., LLC	5/7/2010	36-17S-27E	4,658	No
Delhi #008	30-015-23358	Oil	Marker Oil & Gas	0/2/29/2012	36-17S-27E	530	No
Delhi #002	30-015-00654	Oil	Tarco Energy LC	3/1/1942	36-17S-27E	524	No
Red Lake 36 C State #002	30-015-34004	Oil	Apache Corporation	3/23/2005	36-17S-27E	3,650	No
South Red Lake II Unit #001	30-015-00653	Oil	Acacia Operating Co., LLC	11/28/1947	36-17S-27E	1,673	No
Red Lake 36 C State #003	30-015-34377	Oil	Apache Corporation	12/9/2005	36-17S-27E	3,660	No
Delhi #005	30-015-00651	Oil	Tarco Energy LC	8/10/1949	36-17S-27E	513	No
Red Lake 36 C State #004	30-015-35213	Oil	Apache Corporation	12/13/2006	36-17S-27E	3,650	No
South Red Lake II Unit #059	30-015-36131	Oil	Acacia Operating Co., LLC	4/21/2008	36-17S-27E	2,123	No
Delhi #006	30-015-00691	Oil	Tarco Energy LC	11/28/1949	36-17S-27E	505	No
Red Lake 36C State #001	30-015-33581	Oil	Apache Corporation	10/20/2004	36-17S-27E	3,650	No
South Red Lake II Unit #008	30-015-00652	Oil	Legacy Reserves Operating LP	8/25/1947	36-17S-27E	600	No
No Bluff State Com #007	30-015-34146	Oil	Riley Permian Operating Co., LLC	11/21/2005	36-17S-27E	3,665	No
No Bluff State Com #004	30-015-33793	Oil	Riley Permian Operating Co., LLC	1/24/2005	36-17S-27E	3,652	No
South Red Lake II Unit #052	30-015-35193	Oil	Legacy Reserves Operating LP	11/18/2006	36-17S-27E	1,814	No
No Bluff State Com #005	30-015-34029	Oil	Riley Permian Operating Co., LLC	4/18/2005	36-17S-27E	3,709	No
State	30-015-00659	Oil	Rutter & Wilbanks	Unknown	36-17S-27E	Unknown	No
South Red Lake II Unit #013	30-015-00658	Oil	Legacy Reserves Operating LP	3/11/1949	36-17S-27E	1,680	No
Magruder State #001	30-015-00657	Oil	JKM Energy LLC	10/22/1941	36-17S-27E	452	No
No Bluff State Com #003	30-015-33792	Oil	Riley Permian Operating Co., LLC	1/10/2005	36-17S-27E	3,890	No
Harbold #5	30-015-00599	Oil	R.J. Johnston	11/12/1941	36-17S-27E	513	No
Harbold #2	30-015-00597	Oil	Owens Haynes	3/27/1951	36-17S-27E	423	No
Eagle 26 P Federal #005	30-015-39452	Oil	Riley Permian Operating Co., LLC	10/19/2011	26-17S-27E	4,607	No
Eagle 26 P Federal #003	30-015-34082	Oil	Redwood Operating LLC	7/4/2005	26-17S-27E	3,510	No
Harbold #017	30-015-10426	Oil	Achen Oil & Gas Inc.	5/31/1963	26-17S-27E	1,681	No
Harbold Fed #1	30-015-00596	Oil	Owens Haynes	6/25/1951	26-17S-27E	422	No
Harbold #4	30-015-05962	Oil	Owens Haynes	6/5/1951	26-17S-27E	240	No
Eagle 26 P Federal #004	30-015-39360	Oil	Riley Permian Operating Co., LLC	9/15/2011	26-17S-27E	4,540	No
J.H. Harbold #2	30-015-00598	Oil	R.J. Johnston	8/28/1941	26-17S-27E	454	No
Fir Federal #003	30-015-39466	Oil	Spur Energy Partners LLC	11/25/2011	25-17S-27E	4,735	No
Fir Federal #001	30-015-32069	Oil	Spur Energy Partners LLC	12/2/2001	25-17S-27E	7,208	No
Beech 25 Federal #009H	30-015-40208	Oil	Spur Energy Partners LLC	8/22/2013	25-17S-27E	3,441 (TVD)	No
Enron Federal #007	30-015-32551	Oil	Riley Permian Operating Co., LLC	3/3/2009	25-17S-27E	3,223	No
Spruce Federal #003	30-015-40197	Oil	Spur Energy Partners LLC	8/23/2012	25-17S-27E	4,727	No
Enron Federal #006	30-015-32300	Oil	Riley Permian Operating Co., LLC	10/20/2002	25-17S-27E	3,180	No
Enron Federal #011	30-015-37641	Oil	Riley Permian Operating Co., LLC	3/31/2010	25-17S-27E	3,258	No
Enron Federal #010	30-015-37217	Oil	Riley Permian Operating Co., LLC	3/21/2010	25-17S-27E	3,233	No
Brooks "A"	30-015-00524	Oil	Aton & Fair	Unknown	25-17S-27E	Unknown (likely a shallow well)	No

AOR Tabulation for No Bluff State Com SWD #1 (Cisco and Canyon Formations - Injection Interval: 7,750' - 8,000'), Eddy County							
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
Beech Federal #001	30-015-30812	Oil	Spur Energy Partners LLC	11/18/1999	25-17S-27E	7,214	No
Beech 25 Federal #011H	30-015-43176	Oil	Spur Energy Partners LLC	7/5/2015	25-17S-27E	3,946 (TVD)	No
Beech 25 Federal #012H	30-015-43181	Oil	Spur Energy Partners LLC	9/26/2016	25-17S-27E	3,950 (TVD)	No
Enron Federal #008	30-015-32662	Oil	Riley Permian Operating Co., LLC	4/6/2003	25-17S-27E	3,220	No
Beech 25 Federal #010H	30-015-42363	Oil	Spur Energy Partners LLC	5/7/2014	25-17S-27E	3,452 (TVD)	No
Midnight Matador A #007	30-015-25156	Oil	Extex Operating Company	8/3/2009	35-17S-27E	2,502	No
Midnight Matador A #010	30-015-00621	Oil	Legacy Reserves Operating LP	7/13/1947	35-17S-27E	2,375	No
Eagle 35 A Federal #021	30-015-40810	Oil	Riley Permian Operating Co., LLC	12/6/2012	35-17S-27E	4,758	No
Midnight Matador A #004	30-015-01231	Oil	Extex Operating Company	4/14/1947	35-17S-27E	2,500	No
South Red Lake II Unit #044	30-015-25155	Oil	Fairway Resources Operating LLC	9/21/1983	35-17S-27E	1,850	No
Eagle 35 A Federal #030	30-015-43180	Oil	Riley Permian Operating Co., LLC	6/5/2019	35-17S-27E	5,129	No
Eagle 35 A Federal #019	30-015-33427	Oil	Redwood Operating LLC	8/2/2004	35-17S-27E	3,550	No
Midnight Matador #007	30-015-35289	Oil	Extex Operating Company	10/6/2007	35-17S-27E	2,520	No
South Red Lake II Unt #007	30-015-00620	Oil	Acacia Operating Co., LLC	6/6/1947	35-17S-27E	1,650	No
Eagle 35 H Federal #025	30-015-41697	Oil	Riley Permian Operating Co., LLC	11/8/2013	35-17S-27E	4,850	No
Eagle 35 H Federal #015	30-015-32978	Oil	Riley Permian Operating Co., LLC	2/18/2004	35-17S-27E	3,505	No
South Red Lake II Unit #014	30-015-05596	Oil	Fairway Resources Operating LLC	9/13/1954	35-17S-27E	1,621	No
Midnight Matador #005	30-015-35264	Oil	Extex Operating Company	12/12/2006	35-17S-27E	2,515	No
Midnight Matador #001	30-015-32861	Oil	Extex Operating Company	8/17/2003	35-17S-27E	2,443	No
Harbold #4	30-015-01228	Oil	Randolph J. Johnston	11/3/1941	35-17S-27E	455	No
Eagle 35 H Federal #014	30-015-33010	Oil	Riley Permian Operating Co., LLC	9/21/2003	35-17S-27E	3,500	No
Logan 35 I Federal #017	30-015-41370	Oil	Riley Permian Operating Co., LLC	4/5/2014	35-17S-27E	3,921	No
State A #003	30-015-34089	Oil	Tarco Energy LC	8/9/2005	36-17S-27E	535	No
Jeffers 36 State #005	30-015-42602	Oil	Riley Permian Operating Co., LLC	11/29/2014	36-17S-27E	3,600	No
Jeffers 36 State #004T	30-015-34626	Oil	Riley Permian Operating Co., LLC	5/29/2006	36-17S-27E	3,524	No
State A #001	30-015-00649	Oil	Aspen Oil Inc.	4/30/1994	36-17S-27E	532	No
South Red Lake II #010	30-015-00668	Oil	Fairway Resources Operating LLC	10/29/1947	36-17S-27E	1,735	No
Conklin #002	30-015-00690	Oil	Tarco Energy LC	2/8/1949	36-17S-27E	532	No
Kiowa State #007	30-015-39629	Oil	Spur Energy Partners LLC	2/21/2012	36-17S-27E	4,916	No
Acrey #005	30-015-25670	Oil	Tarco Energy LC	11/11/1986	36-17S-27E	560	No
Kiowa State #001	30-015-38399	Oil	Spur Energy Partners LLC	9/25/2011	36-17S-27E	4,867	No
South Red Lake II Unit #009	30-015-00664	Oil	Legacy Reserves Operating LP	9/16/1947	36-17S-27E	1,647	No
Kiowa State #005	30-015-39627	Oil	Spur Energy Partners LLC	1/19/2012	36-17S-27E	4,935	No
South Red Lake II Unit #020	30-015-00678	Oil	Acacia Operating Co., LLC	10/26/1947	36-17S-27E	2,278	No
Delhi #003	30-015-01217	Oil	Tarco Energy LC	5/2/1949	36-17S-27E	475	No
South Red Lake II Unit #051	30-015-05935	Oil	Acacia Operating Co., LLC	3/29/1961	36-17S-27E	1,784	No
Kiowa State #002	30-015-39714	Oil	Spur Energy Partners LLC	2/11/2012	36-17S-27E	4,948	No
South Red Lake II Unit #012	30-015-00660	Oil	Legacy Reserves Operating LP	12/14/1948	36-17S-27E	1,707	No
Acrey #003Y	30-015-00665	Oil	Aspen Oil Inc.	5/5/1959	36-17S-27E	480	No
State #3	30-015-00661	Oil	Acrey & Acrey	10/27/1942	36-17S-27E	469	No
Kiowa State #006	30-016-39628	Oil	Spur Energy Partners LLC	2/14/2012	36-17S-27E	4,924	No
Conklin #001	30-015-00666	Oil	G and C Operating	12/30/1941	36-17S-27E	533	No
State #1	30-015-00672	Oil	Acrey & Acrey	11/24/1941	36-17S-27E	512	No

AOR Tabulation for No Bluff State Com SWD #1 (Cisco and Canyon Formations - Injection Interval: 7,750' - 8,000'), Eddy County							
Well Name	API#	Well Type	Operator	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
Conklin #001Y	30-015-39029	Oil	Tarco Energy LC	5/17/2011	36-17S-27E	540	No
Conklin #002	30-015-00690	Oil	Tarco Energy LC	2/8/1949	36-17S-27E	532	No
South Red Lake II Unit #010	30-015-00668	Oil	Fairway Resources Operating LLC	10/29/1947	36-17S-27E	1,735	No
Kiowa State #007	30-015-39629	Oil	Spur Energy Partners LLC	2/21/2012	36-17S-27E	4,916	No
Note: THERE ARE NO WELLS IN THE 1/2 MILE AREA OF REVIEW THAT PENETRATE THE PROPOSED CISCO-CANYON INJECTION ZONE.							



Legend

- ★ Proposed SWD
- NMSLO Mineral Leases
- BLM Communitization Units

BLM O&G Leases

Case Disposition

- Authorized
- Closed

Production Status

- Held by Actual Production
- Held by Allocated Production
- Non-Producing

1/2-mile Affected Parties AOR

BLM Unit Operators:

- APACHE CORPORATION
- OXY USA WTP LP
- REMNANT OIL OPERATING LLC

BLM Lessees:

- BP AMERICA PROD CO
- CHASE OIL CORP
- COG OPERATING LLC
- EOG RESOURCES INC
- READ & STEVENS INC
- SILVERBACK O-1 LLC
- TRIGG OIL & GAS LP
- ZPZ DELAWARE I LLC

NMSLO Lessees:

- CONOCO PHILLIPS CO. AND CHISOS, LTD.
- CONTANGO RESOURCES, LLC
- MEWBOURNE OIL CO
- RUTH ANN JEFFERS-CALVERT
- ZPZ DELAWARE I LLC

Mineral Lease AOR

NO BLUFF STATE COM SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

June 24, 2025

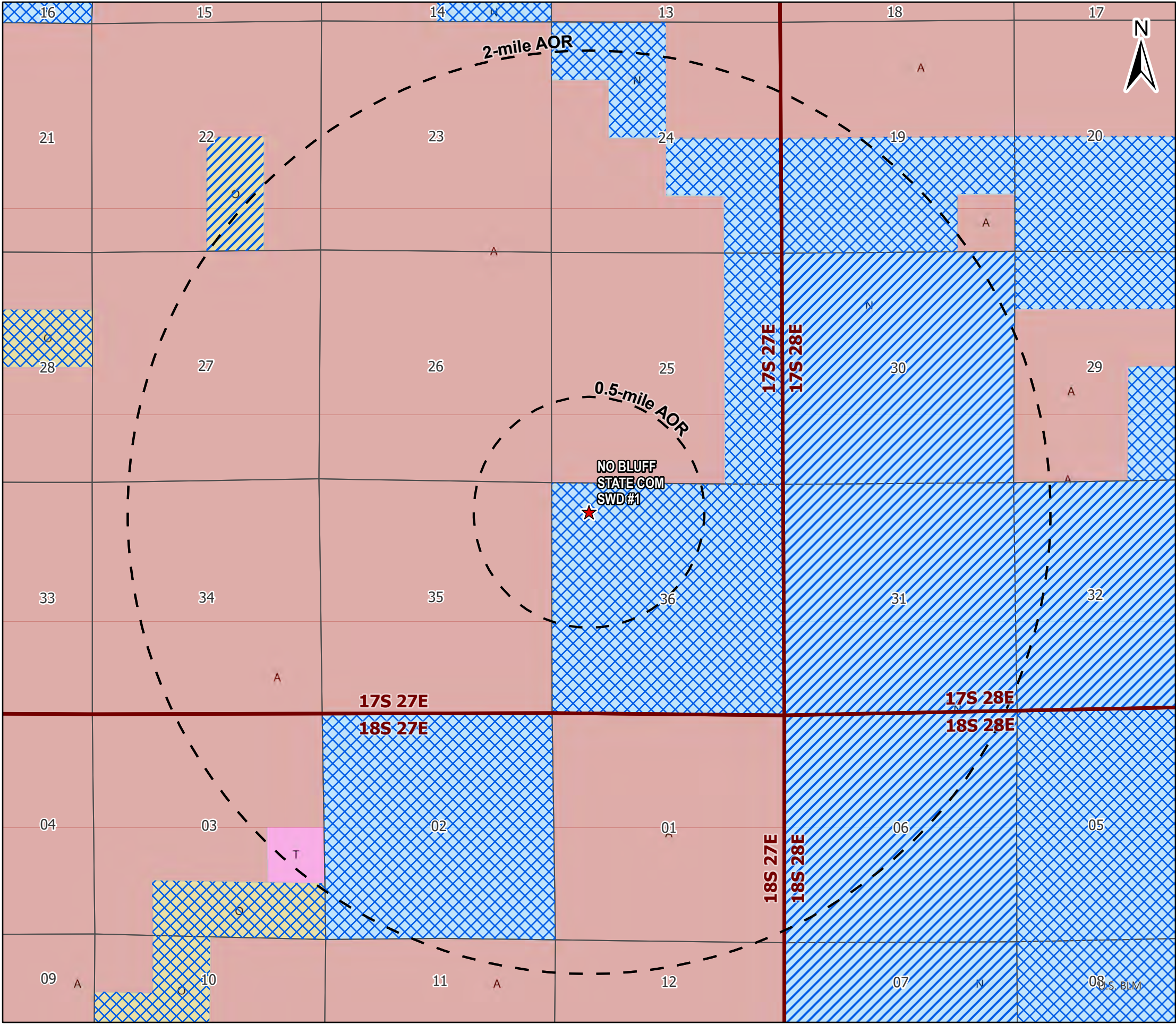
Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:





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

NO BLUFF STATE COM SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

September 11, 2025

Mapped by:
Ben Bockelmann

Prepared for:

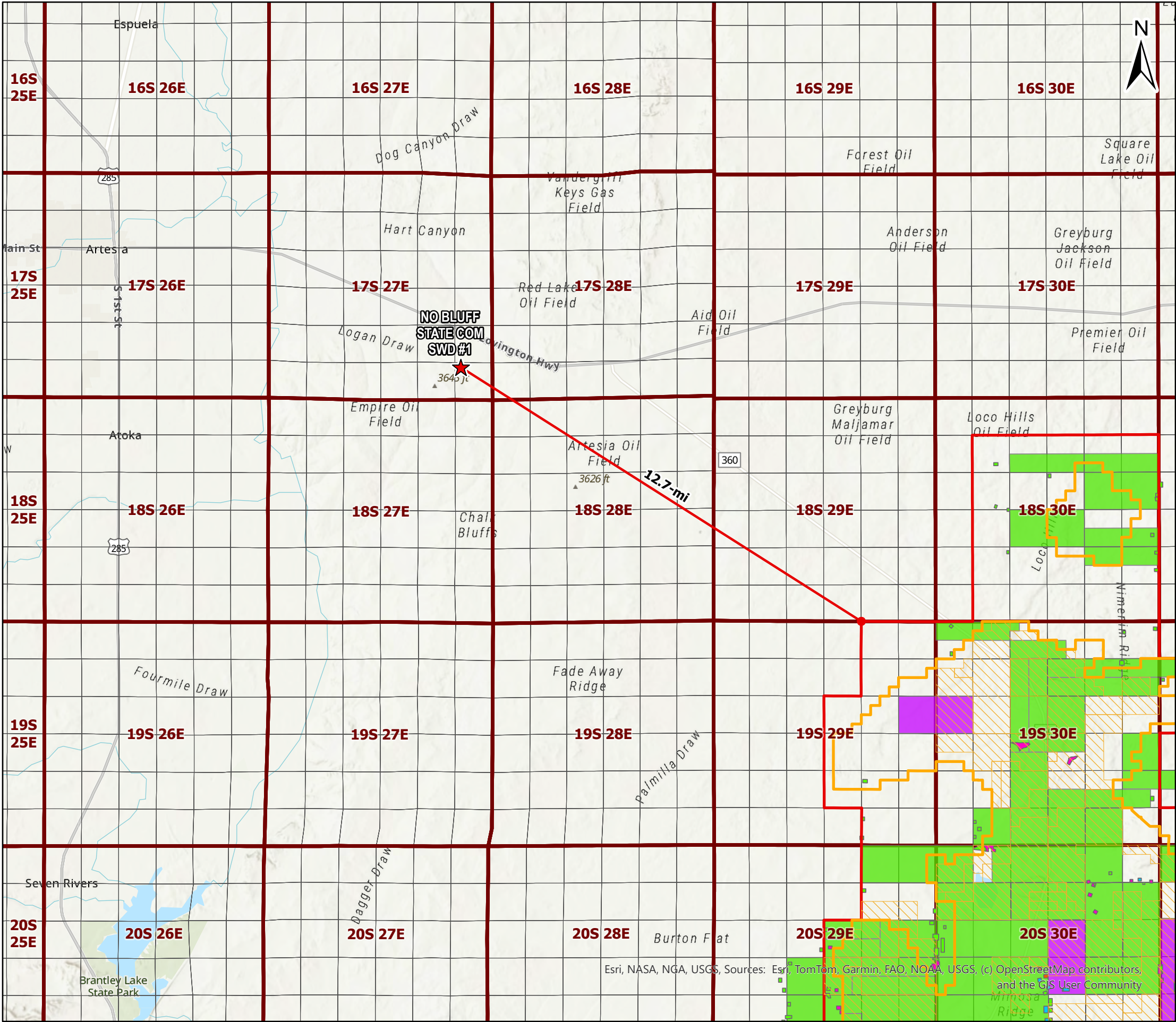


Prepared by:



Source Info: BLM Surface Ownership (<https://catalog.data.gov/dataset/blm-new-mexico-surface-ownership>)





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

NO BLUFF STATE COM SWD #1
EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

June 23, 2025

Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:



Attachment 3

Source Water Analysis

No Bluff State Com #1 - Source Water Analysis (Abo, Bone Spring, Delaware, Glorieta, Yeso Group)																		
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)
STIRLING #001	3001521528	32.7651634	-104.3199997	GLORIETA/YESO	214,915.00	91,205.60	2,602.59	13.64	1.71	578.73	818.64	50.03	-	144,232.00	-	470.72	4,385.41	28.43
WASHINGTON 33 STATE #024	3001530334	32.7846756	-104.1882248	GLORIETA/YESO	206,471.00	88,542.10	1,928.93	2.27	0.45	482.80	368.06	40.90	-	137,940.00	-	504.38	4,741.66	-
STATE S 19 #015	3001530917	32.8178444	-104.1109848	YESO	215,197.00	91,651.30	2,632.16	0.80	0.11	492.32	501.42	51.17	-	144,157.00	-	409.32	4,784.50	14.78
STATE S 19 #014	3001530944	32.8192024	-104.1088333	YESO	212,361.00	90,572.30	2,346.56	3.19	0.06	629.31	410.82	36.42	-	142,111.00	-	944.54	4,613.45	91.04
ONYX PWU 29 #007H	3001541380	32.6295242	-104.1062012	BONE SPRING 1ST SAND	-	109,466.00	2,731.00	-	-	609.00	-	-	-	174,338.00	-	549.00	440.00	-
EMERALD PWU 20 #009H	3001542946	32.65103299	-104.1049809	BONE SPRING 3RD SAND	106,365.60	34,602.30	4,236.20	19.10	-	736.00	-	-	-	64,934.70	-	-	702.50	-
CONNIE C STATE #002	3001502301	32.6337662	-104.1241302	DELAWARE	55,498.00	-	-	-	-	-	-	-	-	32,420.00	-	601.00	984.00	-
GREEN B #008	3001503183	32.7991562	-104.0980453	ABO	29,400.00	-	-	-	-	-	-	-	-	13,700.00	-	2,520.00	2,800.00	-
USA MALCO REF D #003	3001500854	32.7638474	-104.2641525	ABO	71,856.00	-	-	-	-	-	-	-	-	42,290.00	-	319.00	2,303.00	-
EMPIRE ABO UNIT #011N	3001500856	32.7647781	-104.265213	ABO	23,470.00	-	-	-	-	-	-	-	-	12,030.00	-	1,132.00	1,877.00	-

Attachment 4

Injection Formation Water Analysis

No Bluff State Com #1 - Injection Formation Water Analysis (Cisco, Canyon, or "Pennsylvanian" 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)
WINDMILL ATI STATE #001	3000563223	33.0134239	-104.1337509	PENNSYLVANIAN	52,006.50	-	1,680.00	-	-	851.20	-		-	31,950.00	-	195.00	50.00	-
COMPROMISE SWD #001	3001525665	32.7204971	-104.3120422	PENNSYLVANIAN	67,392.70	24,637.20	2,028.60	0.63	2.10	305.55	143.85	235.20	-	41,650.30	-	969.15	789.60	-
C.R.MARTIN #003	3001500227	32.7378578	-104.358017	PENNSYLVANIAN	50,546.00	-	-	-	-	-	-	-	-	29,610.00	-	660.00	966.00	-
BLEVINS IK COM #001	3001522287	32.7962227	-104.3586426	PENNSYLVANIAN	63,351.80	-	5,400.00	60.00	-	11,783.30	-	-	-	44,910.00	-	390.00	12.50	-
CHAPARRAL ST #002	3001503612	32.6227493	-104.1034851	PENNSYLVANIAN	6,420.00	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAYBURG DEEP UNIT #001	3001504187	32.8364372	-104.0131989	PENNSYLVANIAN	32,640.00	-	-	-	-	-	-	-	-	-	-	-	-	-
SANTA FE LAND SWD #001	3001520501	32.6587677	-104.3975983	CANYON	205,234.00	85,895.70	3,669.45	0.34	0.57	552.75	455.14	57.89	-	137,681.00	-	454.00	4,173.40	-
LAKEWOOD AQE STATE SWD #001	3001522233	32.633419	-104.4233398	CANYON	-	-	960.00	2.50	-	243.50	-	-	-	17,892.00	-	952.00	2,175.00	160.00

Attachment 5

Reservoir Characterization

Reservoir Characterization at the No Bluff State Com SWD #1

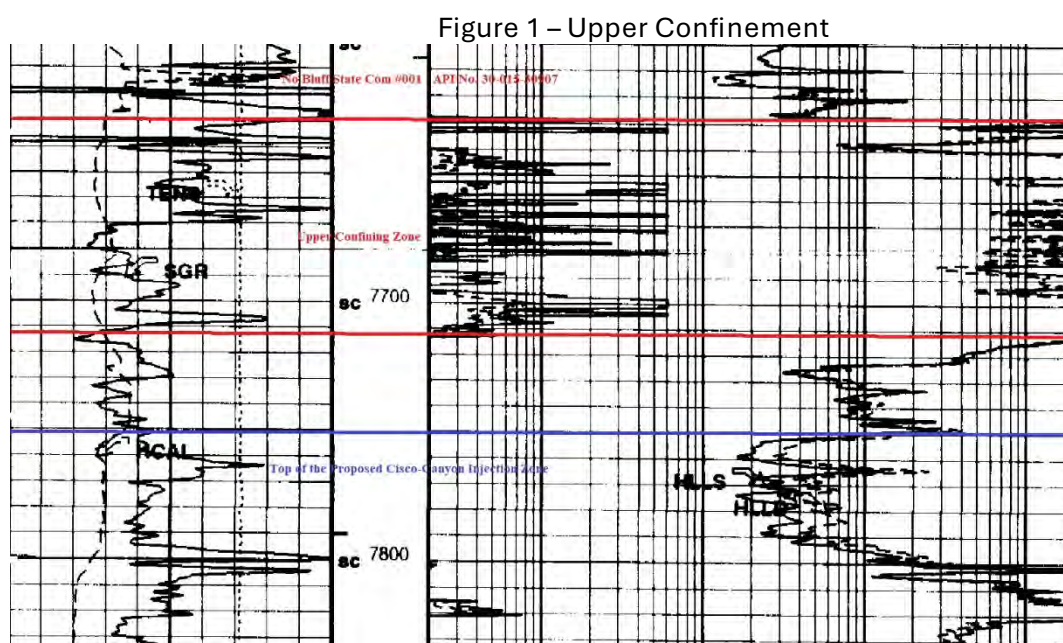
1. Injection Formation and Confinement

a. Injection Formation

The proposed injection interval includes the Cisco and Canyon formation from a depth of 7,750' to 8,000'. The Pennsylvanian-aged Cisco and Canyon formations consist of dolomites, limestones, and other interbedded carbonate rocks, with sections of porous and permeable sandstone. Multiple zones of low resistivity indicate this formation is a viable injection target in the area.

b. Upper Confinement

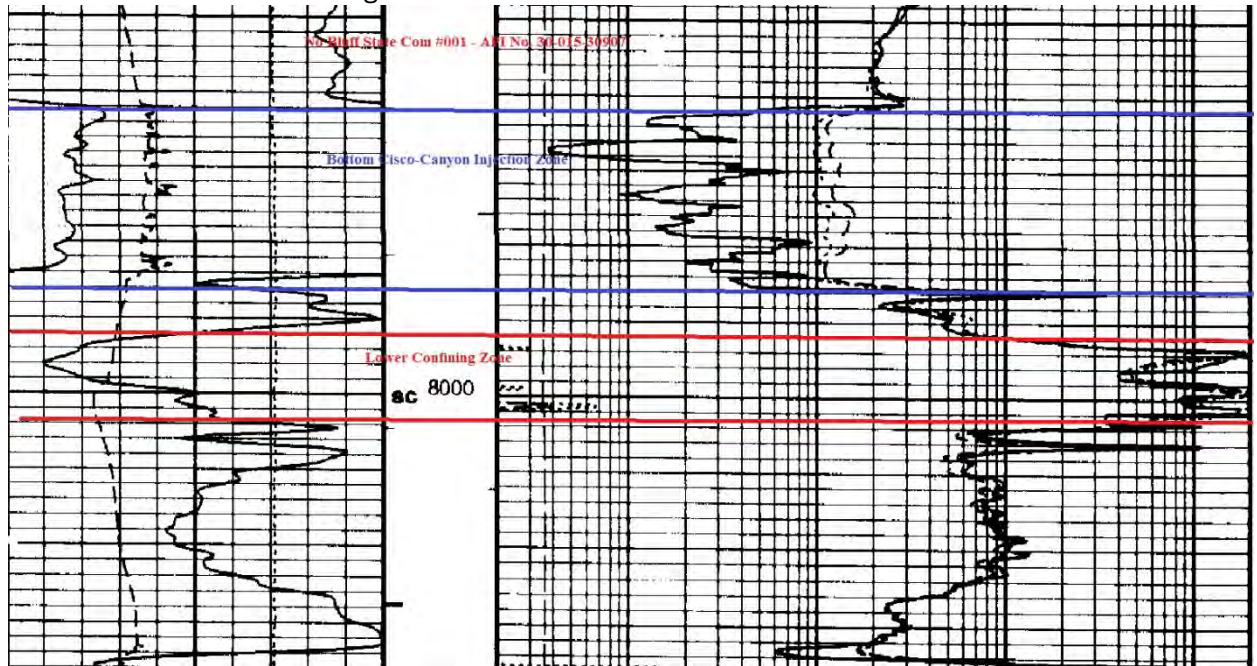
Nearby open hole geophysical well logs indicate the proposed Cisco-Canyon injection interval is overlain by approximately 80 feet of tight carbonate rocks within the base of the Wolfcamp Formation, which will prevent the upward migration of fluid and act as the upper confining layer.



c. Lower Confinement

Nearby open hole geophysical well logs indicate the proposed Cisco-Canyon injection interval is underlain by approximately 60 feet of low porosity and low permeability rocks within the lower Cisco-Canyon formations, which will prevent the downward migration of fluid and act as the lower confining layer.

Figure 2 – Lower Confinement



2. Historic Field Usage

a. Offset Production

A review of all wells in the NMOCD database within a 2-mile radius of the No Bluff State Com SWD #1 does not show any historic or current hydrocarbon production from the Cisco-Canyon formations.

b. Commercial Water Sources

A review of all wells in the NMOCD and OSE databases within a 2-mile radius of the No Bluff State Com SWD #1 does not show any historic or current commercial water supply sources from the Cisco-Canyon formations.

c. Enhanced Oil Recovery

A review of all wells in the NMOCD database within a 2-mile radius of the No Bluff State Com SWD #1 does not show any historic or current enhanced oil recovery operations utilizing the Cisco-Canyon formations.

Attachment 6

Water Well Map and Well Data



Legend

★ Proposed SWD

OSE Water PODs

POD Status

- Active (0)
- Pending (1)
- Changed Location of Well (0)
- Inactive (0)
- Capped (0)
- Plugged (0)
- Unknown (0)

1-mile Water Well AOR

NO BLUFF STATE COM SWD #1

EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

June 23, 2025

Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:



SourceInfo: https://gis.ose.state.nm.us/arcgis/rest/services/WatersPod/OSE_PODs/MapServer/0

No Bluff State Com SWD #1 - Water Well Sampling Rationale					
Water Wells	Owner	Available Contact Information	Use	Sampling Required	Notes
RA-04561	Lewis P. Means	Not Available	Domestic and Livestock Watering	No	Well drilled in 1963. No contact information available, aerial imagery indicates well is no longer accessible.
Note: There are no sampleable water wells within 1-mile of the proposed No Bluff State Com SWD #1.					

Attachment 7

No Hydrologic Connection Statement



RE: Riley Permian Operating LLC – No Bluff State Com 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 Cisco-Canyon 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 surficial geology is Quaternary alluvial deposits consisting predominantly of sand and caliche and the Chalk Bluff Formation of the Whitehorse Group. In this area the depths to potable water for stock and domestic supplies are less than 250 feet below the surface. The USDW is the Yates Formation and the base of the USDW ranges from 425 to 450 feet below the surface.

Based on ALL's assessment and analysis there is containment through multiple confining zones above the proposed Cisco-Canyon injection zones and the USDW and over 7,350 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 Cisco-Canyon injection zones.

A handwritten signature in blue ink that reads "Tom Tomastik".

June 23, 2025

Tom Tomastik

Date

Chief Geologist and Regulatory Specialist

ALL Consulting LLC

Attachment 8

Seismic Potential Letter



September 11, 2025

PN 1912.SWD.04

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

Subject: **Riley Permian Operating Company, LLC**
No Bluff State Com SWD #1 - Seismic Potential Letter

Dear Mr. Goetze,

At the request of Riley Permian Operating Company, LLC (Riley), ALL Consulting, LLC (ALL) has assessed the potential injection-induced seismicity risks in the vicinity of Spur's No Bluff State Com SWD #1, a 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 No Bluff State Com SWD #1 to contribute to seismic activity in the area.

Geologic Evaluation

The No Bluff State Com SWD #1 is requesting a permit to inject into the Cisco and Canyon formations (Cisco-Canyon) at a depth of 7,750' – 8,000' feet below ground surface (bgs). The Pennsylvanian Cisco-Canyon consists of interbedded carbonate rocks including dolomites and limestones. The proposed injection interval is overlain approximately 80 feet of low porosity and low permeability carbonate rocks within the overlying Wolfcamp Formation which will act as the upper confining layer (see **Reservoir Characterization Section of C-108**). Additionally, the proposed injection interval is underlain by approximately 60 feet of various low porosity and permeability zones within the lower Cisco-Canyon will prevent downward migration. 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>

Riley Permian Operating Company, LLC
No Bluff State Com SWD #1 Seismic Potential Letter
September 11, 2025

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 M1.75 that occurred on May 26th, 2021, and was located approximately 1.51 miles southwest of the No Bluff State Com SWD #1 (see **Attachment 1**). **Per the USGS earthquake catalog, no seismic events M2.5 or greater have been recorded within 10 miles of the No Bluff State Com SWD #1.** The No Bluff State Com SWD #1 was previously completed as a Morrow and Yeso producer and is currently temporarily abandoned. Riley is requesting to recomplete the well in the Cisco-Canyon.

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 8.21 miles south/southeast of the No Bluff State Com SWD #1 (see **Attachment 1**). This identified fault is within the Precambrian basement, which is approximately 5,000' feet below the proposed injection interval.³ **One Precambrian basement faults were identified within 10 miles of the No Bluff State Com SWD #1.** A map of the seismic events and faults within 10 miles of the No Bluff State Com SWD #1 is included as **Attachment 1**.

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

**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 CLEAR FORK WICHITA	DELAWARE MT GROUP BELL CANYON CHERRY CANYON BRUSHY CANYON
	LEONARDIAN		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			

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 Eichubl 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).

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

Riley Permian Operating Company, LLC
No Bluff State Com SWD #1 Seismic Potential Letter
September 11, 2025

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.

Per the NMTSO seismic catalog, the nearest reported event was a M1.75 which occurred on May 25, 2021, at 5.00 km depth. The default reported depth of 5.00 km indicates the seismic network in the area is not dense enough to accurately report hypocenter depths. Based on the proximity to a seismic response area, it is likely that the nearest events occurred in the Precambrian basement far below the proposed injection interval.

Depth to Precambrian Basement

Geophysical data from nearby well records, aeromagnetic surveys, and gravity surveys indicates the top of the Precambrian Basement to be approximately 13,000 feet bgs at the No Bluff State Com SWD #1, or approximately 5,000 feet below the proposed injection interval.³ **There are insufficient Precambrian basement penetrations and/or public well data regarding Precambrian basement depth to generate an accurate structural contour map of the Precambrian basement in the vicinity of the No Bluff State Com SWD #1.**

Formation Parting Pressure

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 (NMOCD) Order IPI-547 from a nearby Canyon SWD, located within approximately 14 miles southwest of the No Bluff State Com SWD #1, determined the fracture gradient of the Canyon Formation in the region to be approximately 0.256 psi/ft based on approved step-rate testing. Typical SWD permitting standards in New Mexico would indicate that formation parting pressure will not be exceeded by the No Bluff State Com SWD #1.

Conclusion

As experts on the issue of induced seismicity, seismic monitoring, and mitigation, it is our expert opinion that the potential for the No Bluff State Com SWD #1 to cause injection-induced seismicity is expected to be minimal, at best. This conclusion assumes the No Bluff State Com SWD #1 will be operated under formation parting pressure and is based on (1) the presence of numerous confining layers above and below the proposed injection interval, (2) the significant vertical and lateral distance between the proposed injection interval and Precambrian basement rock in which the nearest fault has been identified, and (3) the lack of historic shallow seismicity in proximity to the No Bluff State Com SWD #1.

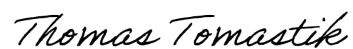
Sincerely,
ALL Consulting

Regulatory Considerations Informing Risk Management and Mitigation. 2015. 141 pages.

Riley Permian Operating Company, LLC
No Bluff State Com SWD #1 Seismic Potential Letter
September 11, 2025

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

Reed Davis
Geophysicist

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

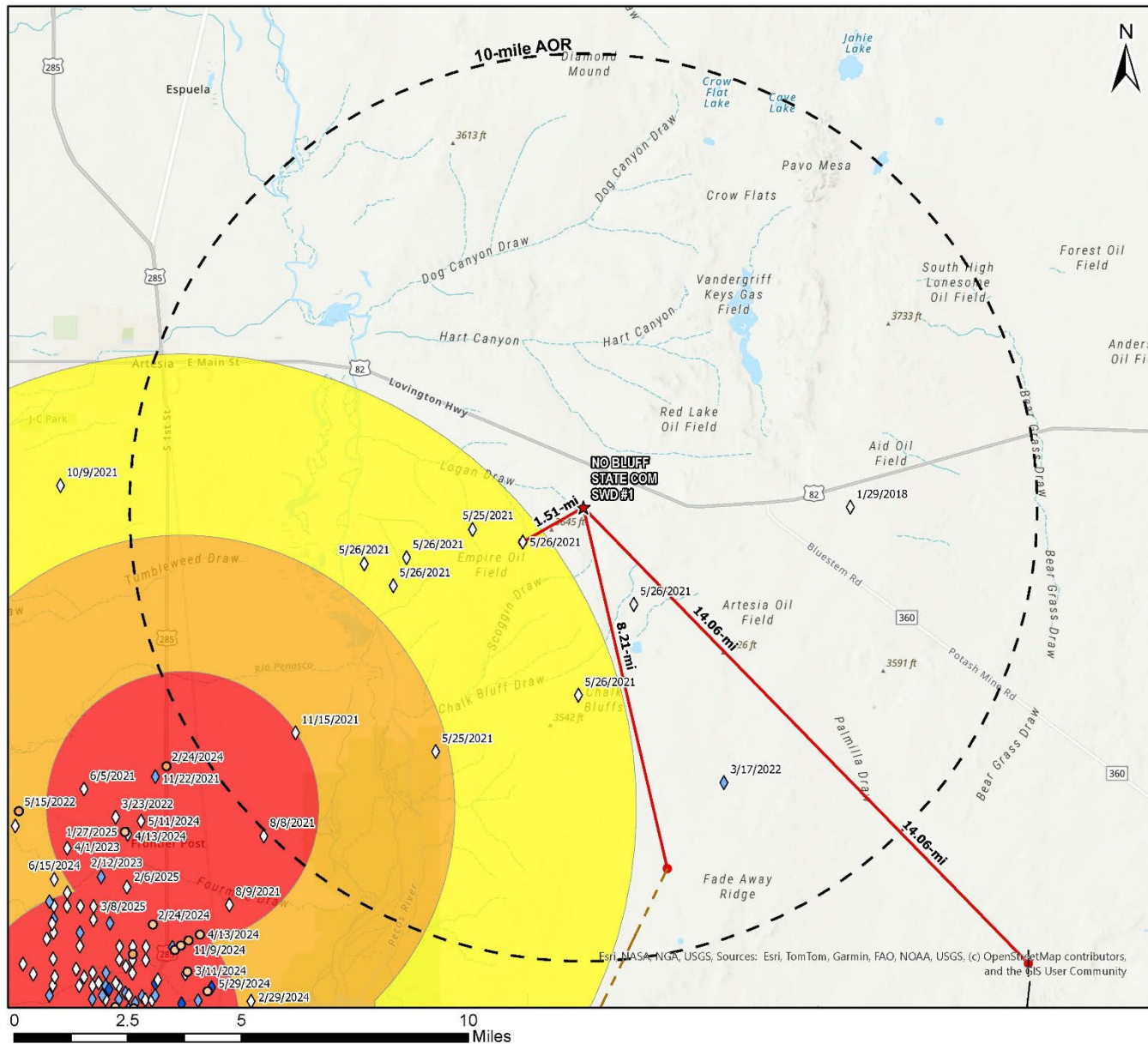
Thomas Tomastik
Chief Geologist

Riley Permian Operating Company, LLC
No Bluff State Com SWD #1 Seismic Potential Letter
September 11, 2025

Attachment 1
Seismic Event Map

Riley Permian Operating Company, LLC
No Bluff State Com SWD #1 Seismic Potential Letter
September 11, 2025

No Bluff State Com SWD #1 Nearby Seismic Events and Faults



Legend

- ★ Proposed SWD
- Shallow Faults (0)
- Deep Faults (1)
- Stress Orientations (Lund, Snee, Zoback 2020)
- Indicator, Quality
- Wellbore, A (2)
- USGS Seismic Events - 8/20/2025
- Magnitude
 - 0.0 - 2.0 (0)
 - 2.1 - 3.0 (10)
 - 3.1 - 4.0 (4)
 - 4.1 - 5.4 (0)
- NMTSO Seismic Events - 9/11/2025
- Magnitude
 - ◇ 0 - 2.0 (77)
 - ◇ 2.1 - 3.0 (23)
 - ◇ 3.1 - 4.0 (4)
 - ◇ 4.1 - 4.5 (0)
- Seismic Response 3.5 and above
 - 3 mi.
 - 6 mi.
 - 10 mi.

Seismic Analysis Map

NO BLUFF STATE COM SWD #1 EDDY COUNTY, NEW MEXICO

Proj Mgr:
Reed Davis

September 11, 2025

Mapped by:
Ben Bockelmann

Prepared for:



Prepared by:



Attachment 9

Technical Assessment and Workover Details



TECHNICAL EVALUATION AND ASSESSMENT OF THE NO BLUFF STATE COM #001 (API NO. 30-015-30907) FOR CONVERSION TO SWD IN CISCO-CANYON FORMATIONS

ALL Consulting (ALL) has performed a complete technical evaluation and assessment of the No Bluff State Com #001 (API No. 30-015-30907). This well is located in Section 36 of T17S and R27E of Eddy County. This proposal is to convert this well to a saltwater disposal well (SWD) in the Cisco-Canyon formations to handle Riley Permian Operating Company's (Riley Permian) produced water from their own current production wells in the Queen-Grayburg-San Andres-Red Lake-Glorieta-Yeso pools on the No Bluff State Com New Mexico State Land Office (NM SLO) oil and gas leases and surrounding other leases.

Well History

The No Bluff State Com #1 well was originally completed by Southwestern Energy Production Company (Southwestern Energy) on March 21, 2000. Below are the details of the original well construction and completion operations.

- The surface hole was 17-1/2" and the 13-3/8" surface casing was set at 445 feet, and Class C cement was circulated back to the surface.
- The intermediate borehole was 12-1/4" and the 8-5/8" intermediate casing was set at 1,855 feet through the top of the San Andres Formation and Class C cement was circulated back to the surface.
- Then an 7-7/8" borehole was drilled to a total depth of 9,917 feet and combination set of open hole geophysical logs were run.
- The production casing was 5-1/2" and cemented in three stages using multiple DV tools with 2,025 sacks of Class C cement. A cement bond log was run on the production casing string and the CBL stopped at 1,706 feet and showed excellent cement bonding at that depth.
- The total depth was 9,924 feet and the Morrow Formation was perforated from 9,634 – 9,658 feet and hydraulically fractured.
- Southwestern Energy produced oil and natural gas from this well until August of 2008 when the well was sold to Lime Rock Resources A, L.P. (Lime Rock).
- In 2009, Lime Rock set a cast iron bridge plug (CIBP) at 9,600 feet and spotted 10 feet of cement on top of the CIBP in May 2009 to permanently plug and abandon the Morrow Formation. Lime Rock then perforated the Wolfcamp Formation from 6,936 to 6,954 feet

and from 7,072 to 7,078 feet and acidized the perforations. These Wolfcamp perforations produced oil and water.

- In 2010, Lime Rock added additional perforations to the Wolfcamp Formation from 6,370 to 6,581 feet and hydraulically fractured the well.
- Then in 2013, Lime Rock proposed to plug back the well and complete the Yeso Group, but it never occurred, and the well was sold and transferred multiple times after that. The last reported production was in 2012.
- In March of 2016, a CIBP was set at 6,320 feet and 35 feet of cement placed on top of the CIPB. **Figure 1** shows the current wellbore configuration; however, the top of the cement is incorrect as the original CBL shows top of cement at least at 1,706 feet, which ties back into the 8-5/8" intermediate casing.
- Starting in 2016, the well has undergone multiple temporary abandonments and successful bradenhead tests with the last test conducted on August 21, 2024 (**Figure 2**) and temporary abandonment is viable until 2026.
- Contango Resources acquired the well in January of 2021 and then proposed to plug and abandoned the well in 2023. They did not plug and abandon this well.
- Riley Permian acquired this well along with several hundred other producing wells in this area from Contango Resources in 2024.

Proposed Conversion to Cisco-Canyon SWD

Riley Permian is proposing to convert this well to a SWD to handle produced water from their existing and currently active oil and natural gas wells on this No Bluff State Com SLO lease and other surrounding leases. Additionally, Riley Permian has an existing water pipeline in this area for moving produced water to their existing SWDs and has plans for extensive development of these oil and natural gas reservoirs in the area in the 4th quarter of 2025 and into 2026. The conversion of this well to SWD will provide Riley Permian with additional disposal capacity that they need for future development. The proposed conversion plan to a Cisco-Canyon SWD is as follows:

- Drill out of existing cast iron bridge plug (CIBP) set at approximately 6,320 feet, run a new cement bond log from 9,600 feet back to approximately 400 feet to confirm top of cement and quality of the cement on the backside of the 5-1/2" production casing.
- Run into the well with drillable bridge plug and set bridge plug at a depth of approximately 7,000 feet.
- Run back into the well and set cement retainer at an approximate depth of 6,925 feet and sting into the retainer with workstring.
- Then squeeze off existing perforations with approximately 20 sacks of Class C cement in the lower Wolfcamp Formation at 6,936 to 6,954 feet. Sting out of retainer and trip out to the surface with the workstring while reverse circulating through the workstring.

- Trip back into the well and set another drillable bridge plug at a depth of approximately 6,600 feet.
- Trip back into the well with workstring and cement retainer and set the cement retainer at a depth of approximately 6,350 feet. Sting out of the retainer and then sting back into the retainer to cement off the perforations in the upper Wolfcamp Formation from 6,370 to 6,581 feet with 45 sacks of Class C cement and squeeze off the perforations.
- After drilling out squeeze cement retainers, cement, and drillable bridge plugs, perform pressure testing to at least 1,550 psi to confirm squeeze perforation are holding for the maximum allowable surface injection pressure for conversion to injection into the Cisco-Canyon formations. If squeeze perforations are leaking additional remedial cementing may be necessary.
- After successful completion of the cementing of the Wolfcamp perforations, run into the well and perforate the Cisco-Canyon formations from depths of 7,752 to 7,790 feet and from 7,962 to 7,986 feet for disposal.

Technical Evaluation and Assessment

ALL has performed a technical evaluation and assessment of the No Bluff State Com #001 well. Based on ALL's evaluation and assessment, the No Bluff State Com #001 well is properly constructed and cemented to meet the SWD conversion requirements of New Mexico Oil Conservation Division (NM OCD). Potable water and underground sources of drinking water (USDWs) are isolated and protected by the existing surface and intermediate casing construction and cementing back to the surface.

The proposed Cisco-Canyon injection zone is isolated by an upper confining zone showing low porosity and high resistivity which will prevent migration of injected fluids out of the proposed Cisco-Canyon injection zone. **Figure 3** shows this upper confining zone along with the proposed top of the injection zone within the Cisco-Canyon formations. **Figure 4** shows the log snip of the lower confining zone and the bottom of the proposed injection zone in the Cisco-Canyon formations.

Additionally, the conversion of this well offers NM SLO revenue with a disposal fee, continued oil and natural gas production from the production wells on the No Bluff State Com #1 lease, and allows for more oil and natural gas development proposed for late 2025 and 2026 in this area by Riley Permian on other existing SLO oil and gas leases and other Riley Permian leases.

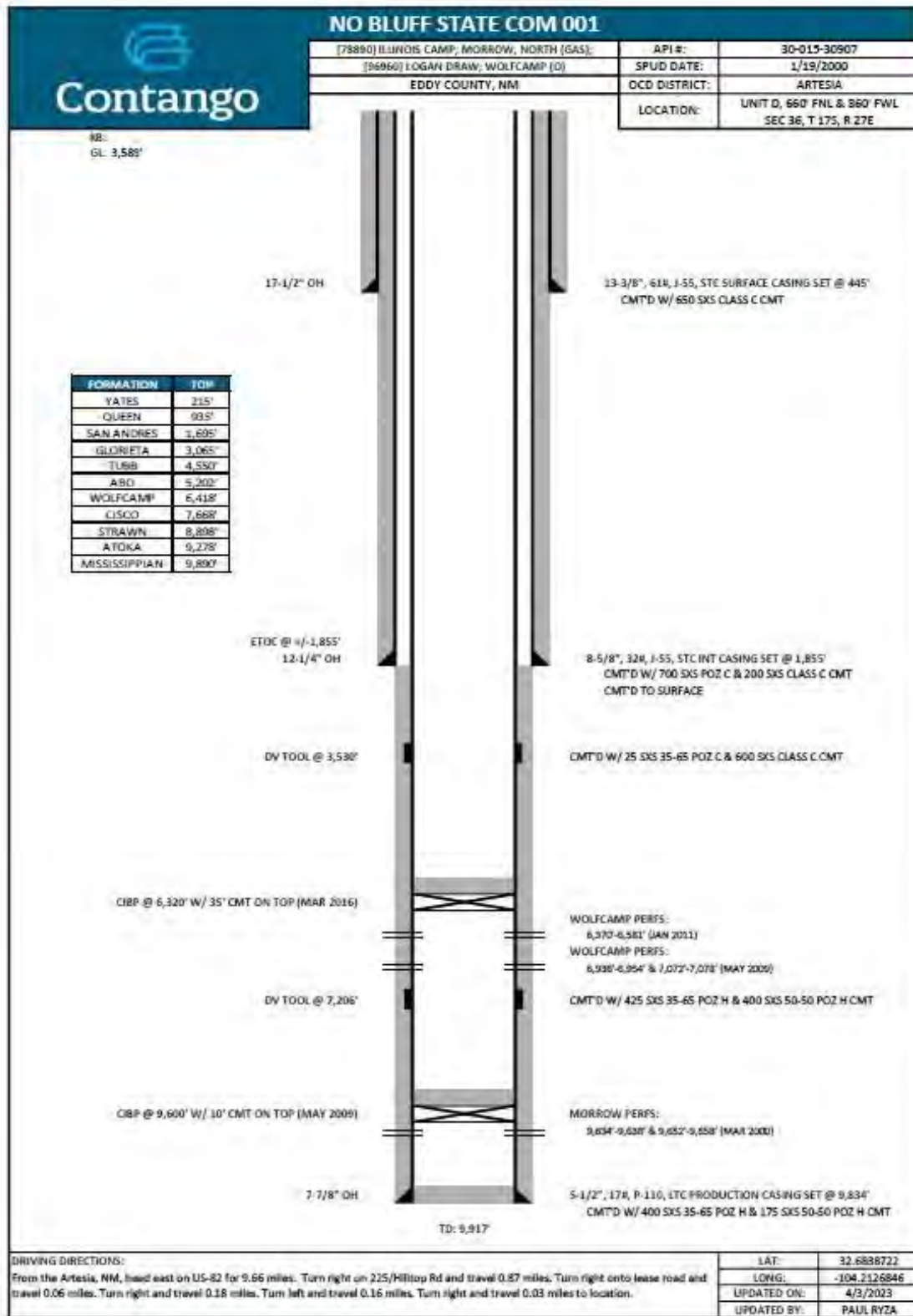


Figure 1. Current Wellbore Diagram for the No Bluff State Com #001



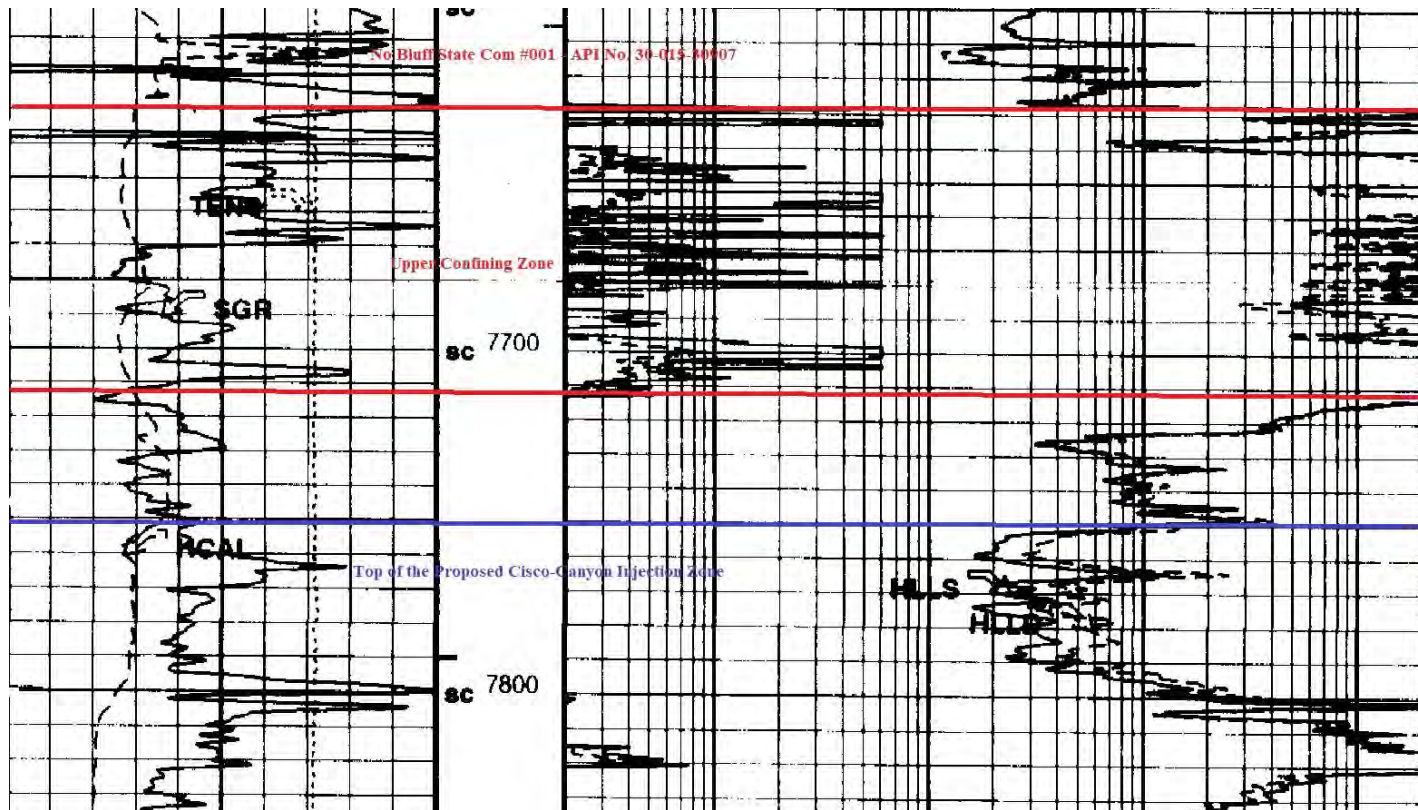


Figure 3. Log Snip of the Upper Confining Zone and Top of the Proposed Injection Zone in the No Bluff State Com #001 well

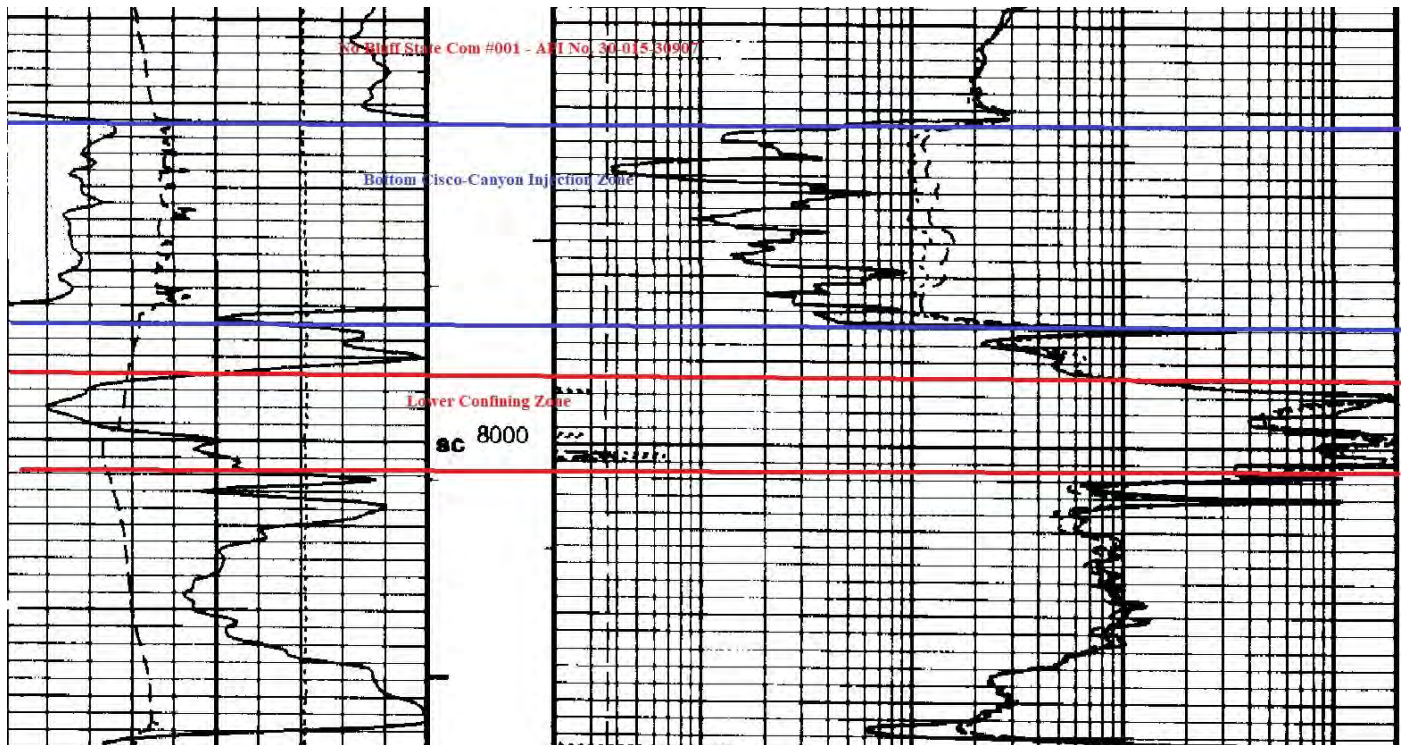


Figure 4. Log Snip Showing Lower Confining Zone and Lower Injection Zone in the Cisco-Canyon Formations for the No Bluff State Com #001 Well

Attachment 10

List of Affected Persons and Proof of Notice

NO BLUFF STATE COM SWD #1 - NOTICE OF APPLICATION RECIPIENTS						
LEASE ID	ENTITY	ADDRESS	CITY	STATE	ZIP	INTEREST RELATIONSHIP
N/A	NEW MEXICO OIL CONSERVATION DISTRICT 1	1625 N. FRENCH DRIVE	HOBBS	NM	88240	NMOCD DISTRICT OFFICE
N/A	COMMISSION OF PUBLIC LANDS - STATE LAND OFFICE	310 OLD SANTE FE TRAIL	SANTE FE	NM	87501	SURFACE AND MINERAL OWNER
NMNM 070945X	APACHE CORPORATION	200 W SAM HOUSTON PKWY S STE 200 ONE BRIAR PLAZA	HOUSTON	TX	77042	BLM UNIT OPERATOR
NMNM 117807	BP AMERICA PRODUCTION CO	501 WESTLAKE PARK BLVD	HOUSTON	TX	77079	BLM LESSEE
NMNM 094593	CHASE OIL CORP	11352 LOVINGTON HWY	ARTESIA	NM	88210-9634	BLM LESSEE
NMNM 096836	COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701	BLM LESSEE
B115380017	CONOCO PHILLIPS CO. AND CHISOS LTD	P.O. BOX 2197	HOUSTON	TX	77363-2197	NMSLO LESSEE
V055120003	CONTANGO RESOURCES, LLC	3230 CAMP BOWIE BLVD	FORT WORTH	TX	76107	NMSLO LESSEE
NMLC 0058181	EOG RESOURCES INC	1111 BAGBY ST SKY LOBBY 2	HOUSTON	TX	77002	BLM LESSEE
B007520005	MEWBOURNE OIL CO	P.O. BOX 5270	HOBBS	NM	88241	NMSLO LESSEE
NMNM 105348	OXY USA WTP LP	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	BLM UNIT OPERATOR
NMLC 0058181	READ & STEVENS INC	300 N MARIENFELD ST, STE 1000	MIDLAND	TX	79701	BLM LESSEE
NMNM 109695X	REMNANT OIL OPERATING LLC	6 DESTA DR STE 5100	MIDLAND	TX	79705-5520	BLM UNIT OPERATOR
E003790006	RUTH ANN JEFFERS-CALVERT	P.O. BOX 65	ARTESIA	NM	88211	NMSLO LESSEE
NMNM 117806	SILVERBACK O-1 LLC	19707 IH 10 W STE 201	SAN ANTONIO	TX	78257	BLM LESSEE
NMLC 0055561	SILVERBACK O-1 LLC	19707 IH 10 W STE 201	SAN ANTONIO	TX	78257	BLM LESSEE
NMLC 0064050	TRIGG OIL & GAS LP	PO BOX 520	ROSWELL	NM	88202-0520	BLM LESSEE
B083180138	ZPZ DELAWARE I LLC	2000 POST OAK BLVD	HOUSTON	TX	77056	NMSLO LESSEE
E010590003	ZPZ DELAWARE I LLC	2000 POST OAK BLVD	HOUSTON	TX	77056	NMSLO LESSEE
NMNM 0557370	ZPZ DELAWARE I LLC	2000 POST OAK BLVD STE 100	HOUSTON	TX	77056-4497	BLM LESSEE
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).						

APPLICATION FOR AUTHORIZATION TO INJECT

NOTICE IS HEREBY GIVEN: That **Riley Permian Operating Company LLC, (OGRID No. 372290), 29 E. Reno, Suite 500, Oklahoma City, OK 73104**, 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: No Bluff State Com SWD #1
Located 9.8 miles southeast of Artesia, NM
Lot D, Section 36 Township 17S Range 27E
660' FNL & 860' FWL
Eddy County, NM

NAME AND DEPTH OF DISPOSAL ZONE: Cisco-Canyon (7,750' – 8,000')
EXPECTED MAXIMUM INJECTION RATE: 10,000 Bbls/day
EXPECTED MAXIMUM INJECTION PRESSURE: 1,550 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.

Affidavit of Publication

No. 63140

State of New Mexico

Publisher

County of Eddy:

Adrian Hedden

being duly sworn, says that he is the

Publisher

of the Artesia Daily Press, a weekly newspaper of General

circulation, published in English at Artesia,

said county and state, and that the hereto attached

Legal Ad

was published in a regular and entire issue of the said

Artesia Daily Press, 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 September 18, 2025

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Sixth Publication

Seventh Publication

Eighth Publication

Subscribed and sworn before me this

18th day of September 2025

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

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

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

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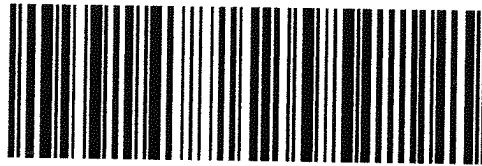
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63140-Published in Artesia Daily Press Sept. 18, 2025.

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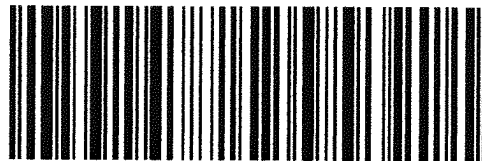
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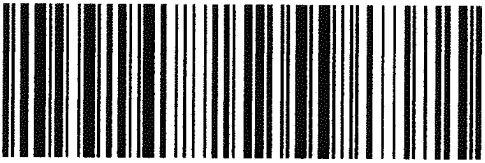
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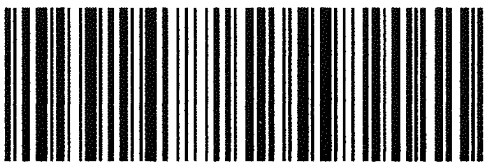
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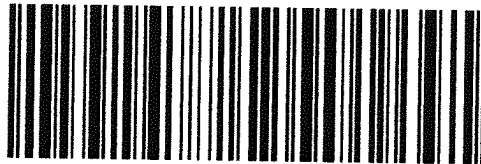
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COMMISSION OF PUBLIC LANDS
STATE LAND OFFICE
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SANTA FE NM 87501-2708

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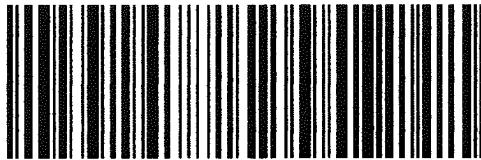
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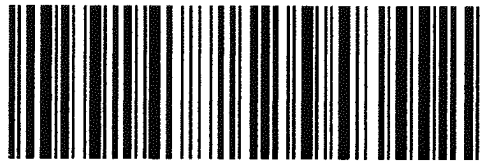
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S. CHEYENNE AVE
SA OK 74119

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S. CHEYENNE AVE
A OK 74119

ZPZ DELAWARE I LLC
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HOUSTON TX 77056-4497

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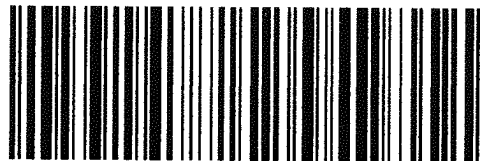
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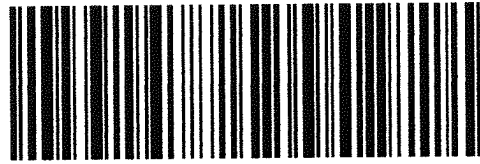
SILVERBACK 0-1 LLC
19707 W INTERSTATE 10 STE 201
SAN ANTONIO TX 78257-1748

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CHEYENNE AVE
OK 74119

CONSULTING
CHEYENNE AVE
OK 74119

CONSULTING
8 S. CHEYENNE AVE
SA OK 74119

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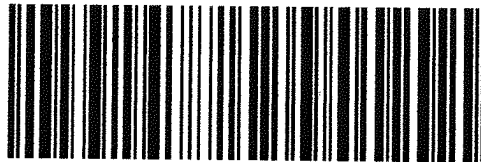
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ARTESIA NM 88211-0065

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6 DESTRA DR STE 1500
MIDLAND TX 79705

CONSULTING
8 S. CHEYENNE AVE
SA OK 74119

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884827245

Copy

Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 1:44 pm on September 18, 2025 in HOUSTON, TX 77042.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

HOUSTON, TX 77042

September 18, 2025, 1:44 pm

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

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USPS Tracking Plus®



Product Information



See Less ^

Tracking Number:

Remove X

9414811105495884851110

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Latest Update

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Moving Through Network

In Transit to Next Facility, Arriving Late

September 19, 2025

Arrived at USPS Regional Destination Facility

MIDLAND TX DISTRIBUTION CENTER

September 15, 2025, 10:22 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking Plus®



Tracking Number:

Remove X

9414811105495884863335

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item has been delivered to an agent. The item was picked up at USPS at 7:32 am on September 18, 2025 in HOUSTON, TX 77210.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered to Agent

Delivered to Agent, Picked up at USPS

HOUSTON, TX 77210

September 18, 2025, 7:32 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

- Text & Email Updates
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- USPS Tracking Plus®
- Product Information
- See Less ^

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884864417

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 4:23 pm on September 15, 2025 in FORT WORTH, TX 76107.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

FORT WORTH, TX 76107

September 15, 2025, 4:23 pm

[See All Tracking History](#)

Feedback

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

Text & Email Updates



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Product Information



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884867524

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item has been delivered to an agent. The item was picked up at USPS at 3:14 pm on September 17, 2025 in HOUSTON, TX 77002.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered to Agent

Delivered to Agent, Picked up at USPS

HOUSTON, TX 77002

September 17, 2025, 3:14 pm

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking Plus®



Product Information



See Less ^

Feedback

Tracking Number:

Remove X

9414811105495884861102

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Latest Update

Your item was picked up at the post office at 2:30 pm on September 15, 2025 in HOBBS, NM 88240.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office
HOBBS, NM 88240
September 15, 2025, 2:30 pm

See All Tracking History

What Do USPS Tracking Statuses Mean? (https://faq.usps.com/s/article/Where-is-my-package)

Feedback

Text & Email Updates



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Product Information



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884883265

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to the front desk, reception area, or mail room at 8:48 am on September 15, 2025 in HOBBS, NM 88240.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Front Desk/Reception/Mail Room

HOBBS, NM 88240

September 15, 2025, 8:48 am

[See All Tracking History](#)

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking Plus®



Product Information



See Less ^

USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884886181

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was delivered to an individual at the address at 1:03 pm on September 16, 2025 in MIDLAND, TX 79701.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Left with Individual

MIDLAND, TX 79701

September 16, 2025, 1:03 pm

[See All Tracking History](#)

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking Plus®



Product Information



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884806684

Copy Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was picked up at a postal facility at 10:16 am on September 15, 2025 in ROSWELL, NM 88201.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Postal Facility

ROSWELL, NM 88201

September 15, 2025, 10:16 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking Plus®



Product Information



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884809029

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Moving Through Network

In Transit to Next Facility, Arriving Late

September 20, 2025

Arrived at USPS Regional Destination Facility

NORTH HOUSTON TX DISTRIBUTION CENTER

September 15, 2025, 10:31 pm

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



Return Receipt Electronic



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884807735

Copy Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item has been delivered to the original sender at 2:39 pm on September 22, 2025 in TULSA, OK 74119.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, To Original Sender

TULSA, OK 74119
September 22, 2025, 2:39 pm

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Feedback

Text & Email Updates



Return Receipt Electronic



USPS Tracking Plus®



Product Information



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884805304

Copy Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Moving Through Network

In Transit to Next Facility, Arriving Late

September 18, 2025

Arrived at USPS Regional Destination Facility

LUBBOCK TX DISTRIBUTION CENTER

September 14, 2025, 11:34 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884804345

Copy Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was returned to the sender at 2:40 pm on September 23, 2025 in TULSA, OK 74119 because the forwarding order for this address is no longer valid.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Alert

Forward Expired

TULSA, OK 74119
September 23, 2025, 2:40 pm

Departed USPS Regional Facility

TULSA OK DISTRIBUTION CENTER
September 22, 2025, 8:19 pm

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates

Return Receipt Electronic

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USPS Tracking®

FAQs >

Tracking Number:

Remove X

9414811105495884801658

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item arrived at our NORTH HOUSTON TX DISTRIBUTION CENTER destination facility on September 24, 2025 at 12:27 pm. The item is currently in transit to the destination.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Processing at Destination

Arrived at USPS Regional Destination Facility

NORTH HOUSTON TX DISTRIBUTION CENTER
September 24, 2025, 12:27 pm

Forward Expired

HOUSTON, TX 77056
September 16, 2025, 9:57 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



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FAQs >

Tracking Number:

Remove X

9414811105495884885146

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Add to Informed Delivery (<https://informedelivery.usps.com/>)

Latest Update

Your item was picked up at the post office at 7:47 am on September 18, 2025 in SANTA FE, NM 87501.

Get More Out of USPS Tracking:

USPS Tracking Plus®

Delivered

Delivered, Individual Picked Up at Post Office

SANTA FE, NM 87501

September 18, 2025, 7:47 am

See All Tracking History

Feedback

[What Do USPS Tracking Statuses Mean?](https://faq.usps.com/s/article/Where-is-my-package) (<https://faq.usps.com/s/article/Where-is-my-package>)

Text & Email Updates



Return Receipt Electronic



USPS Tracking Plus®



Product Information



See Less ^

Receipt

Print Date: Sep 24, 2025

RETURN TO

ALL CONSULTING
1718 S. CHEYENNE AVE
TULSA, OK 74119

SHIP TO

CHASE OIL CORP
11352 LOVINGTON HWY
ARTESIA, NM 88210

REFERENCE

Ship Date: Sep 12, 2025
Ship from ZIP: 74119
Weight: 0lbs. 1oz.
User: ALLCONSULTING
Cost Code:
Refund Type: Mail-in
Reference #:
Printed on: Shipping Label
Delivery Status: Delivered
Tracking #: 9414811105495884857143

SERVICE

USPS First-Class Mail® Letter
Insurance (Carrier Insurance (\$0.00))
Certified Mail
Return Receipt Electronic

UNIT PRICE

\$0.74
\$0.00
\$5.30
\$2.82

Subtotal \$8.86
Label Quantity 1
Total Cost \$8.86

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 510074

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 510074
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

Created By	Condition	Condition Date
erica.gordan	None	9/29/2025