

AE Order Number Banner

Application Number: pEG2527248866

Initial Application Part I

SWD-2669

SOLARIS WATER MIDSTREAM, LLC [371643]

Received: 9/27/2025



September 26, 2025

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

Subject: Solaris Water Midstream, LLC
Application for Authorization to Inject
MD NM L4 S28 SWD #1

OCD Director,

Solaris Water Midstream, LLC (Solaris) is applying for administrative approval of the attached Application for Authorization to Inject (Form C-108) for their proposed MD NM L4 S28 SWD #1. The application is requesting authorization to dispose of saltwater from oil and gas production in the area via commercial disposal into the San Andres & Glorieta Formation in Lea County, NM.

Questions regarding this application or the included materials can be directed to Nate Alleman (Solaris Regulator Advisor Contractor) via telephone at 918-237-0559 or via email at nate.alleman@aceadvisors.com.

Sincerely,

A handwritten signature in black ink that reads "Nathan Alleman".

Nate Alleman
Chief Regulatory Advisor
Ace Energy Advisors

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: Solaris Water Midstream **OGRID Number:** 371643
Well Name: MD NM L4 S28 SWD #1 **API:** 30-015-xxxxx
Pool: SWD; San Andres-Glorieta **Pool Code:** 96127

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.

Nathan Alleman

Print or Type Name

09/26/2025

Date

918-237-0559

Phone Number

nate.alleman@aceadvisors.com

e-mail Address


Signature

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: Solaris Water Midstream, LLC
ADDRESS: 907 Tradewinds Blvd, Midland, TX 79706
CONTACT PARTY: Ace Energy Advisors - Nate Alleman PHONE: (918) 237-0559
- 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: Nate Alleman TITLE: Regulatory Consultant
SIGNATURE:  DATE: 09/26/2025
E-MAIL ADDRESS: nate.alleman@aceadvisors.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

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

Side 2

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

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

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

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

III. Well Data

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

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.**

Operator: Solaris Water Midstream, LLC (OGRID# 371643)

Lease/Well Name & Number: MD NM L4 S28 SWD #1

Legal Location: 491' FSL & 510' FEL - Unit P – Section 28 T19S R38E – Lea County

Coordinates: 32.62532163, -103.14662459

- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.**

Casing String	Hole Size (in)	Casing Size (in)	Casing Depth (ft)	Sacks Cement (sx)	Top of Cement (ft)	Method Determined
Surface	17-1/2	13-3/8	1,626	1,470	0	Circulation
Production	12-1/4	9-5/8	5,849	1,645	0	Circulation

A wellbore diagram is included in **Attachment 1**.

- (3) A description of the tubing to be used including its size, lining material, and setting depth.**

7" fiberglass-coated tubing set at 4,232'

- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.**

Arrowset AS-1X Retrievable Packer (or equivalent) set at 4,232'

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

- (1) The name of the injection formation and, if applicable, the field or pool name.**

Injection Formation Name - San Andres & Glorieta

Pool Name - SWD; San Andres-Glorieta

Pool Code – 96127

- (2) The injection interval and whether it is perforated or open-hole.**

Cased-hole injection between 4,332' - 5,849'

- (3) State if the well was drilled for injection or, if not, the original purpose of the well.**

New drill for injection

- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.**

None

- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.**

- **Overlying**
 - Yates (2,863')
 - Seven Rivers (3,116')
- **Underlying**
 - Yeso/Paddock (6,028')
 - Abo (7,180')

V. AOR Maps

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.

The following figures are included in **Attachment 2**:

- 0.5-Mile and 2.0-Mile Well Map
- 0.5-Mile Well List
- 0.5-Mile and 2-Mile Lease Map
- 0.5-Mile Surface Ownership Map
- 0.5-Mile Mineral Ownership Map

VI. AOR List

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.

Details of the wells within the 0.5-mile AOR are included in **Attachment 2**. Five wells within the 0.5-mile AOR penetrate the top of the proposed injection zone.

VII. Operational Information

Attach data on the proposed operation, including:

(1) Proposed average and maximum daily rate and volume of fluids to be injected;

Maximum: 25,000 bpd
Average: 15,000 bpd

(2) Whether the system is open or closed;

The system will be closed.

(3) Proposed average and maximum injection pressure;

Maximum: 866 psi (surface)
Average: approx. 600 psi (surface)

(4) Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water;

It is anticipated that produced water from Bone Spring & Wolfcamp production wells in the area will be injected into the proposed SWD. Therefore, water analysis from these formations was obtained and is included in **Attachment 3**.

(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.).

The proposed injection interval for this SWD is the San Andres & Glorieta formation, which is a non-productive zone known to be compatible with formation water from the Bone Spring & Wolfcamp formations. Water analyses of samples collected from the proposed injection formation in the area were obtained and are included in **Attachment 4**.

VIII. Geologic Description

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.

The proposed injection interval between depths of 4,332 and 5,849 feet below ground level will span the San Andres Formation and the Glorieta Member of the Yeso Formation. The San Andres consists of cyclically interbedded carbonates (limestone and dolomite), with variable minor proportions of anhydrite. The Glorieta consists of siliciclastics (sandstone and siltstone) intercalated with carbonates. Locally, near the subject well, the carbonates are dolomitic based on density porosity and photoelectric log responses.

The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, has been determined to occur at the top of the Rustler Formation, at a depth of 1,601 feet below ground level. The total thickness separating the lowermost USDW and the upper injection interval is anticipated to be approximately 2,731 feet.

Upper confinement is provided by the overlying Artesia Group. At the subject well, the Artesia Group is expected to be 1,609 feet thick. In the project area, the Queen Formation will be a strong barrier to flow as it is approximately 644 feet thick with overall low (<2%) neutron porosity. Examination of local logs indicates the Queen Formation is a dolomite with anhydrite, based on the suppressed density porosity (negative DPHI on a limestone matrix), elevated bulk density (2.6 to 2.98 g/cc), and elevated photoelectric response (>4 b/e).

The injection interval is further isolated from the overlying USDW by the Ochoan evaporite formations of the Salado and Rustler. In aggregate, the Ochoan evaporites, composed primarily of halite and anhydrite, are expected to be approximately 1,122 feet thick.

Lower confinement will be ensured by multiple 50- to 100-foot-thick packages of low-porosity and high-resistivity dolomite in the upper portion of the Yeso Formation (underlying the Glorieta and overlying the Tubb Sand).

All stated depths and thicknesses are estimates, derived from mapping, utilizing offset logs that have penetrated the San Andres and Glorieta. If conditions allow a full set of open-hole wireline logs will be collected from the subject well, including, but not limited to, gamma-ray, resistivity, and neutron-density porosity.

The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, was determined to occur at the top of the Rustler formation at a depth of 1,601'. Water wells in the area for domestic/livestock use are drilled to a depth of approximately 42' - 178'.

IX. Proposed Stimulation Program

Describe the proposed stimulation program, if any.

A minor acid job utilizing 15-20% hydrochloric acid may be used to cleanup the wellbore.

X. Logging and Test Data

Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).

Logs will be run and submitted to the Division once the well is completed.

XI. Groundwater Wells

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.

Based on data obtained from the New Mexico Office of the State Engineer (OSE), a total of 92 groundwater wells are located within 1 mile of the proposed SWD location. Two wells were sampled and the resulting analyses are attached.

Attachment 5 includes a table with details of the water wells within 1-mile a water well map and the results of the analyses.

XII. No Hydrologic Connection Statement

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.

A geologic review conducted on offset wireline log data and published regional studies did not identify any faulting in the vicinity of the proposed locations that would allow for the hydraulic communication between the injection interval and overlying USDWs. The base of the lowermost Underground Source of Drinking Water (USDW), identified as the top of the first anhydrite, was determined to occur at the top of the Rustler formation at a depth of 1,601'.

Attachment 6 includes a signed statement.

XIII. Proof of Notice

Applicants must complete the "Proof of Notice" section on the reverse side of this form.

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

A copy of the application was mailed to the Affected Persons, including the OCD District Office, surface owner, leasehold operators within the AOR, and BLM/SLO if they own minerals within the AOR. **Attachment 7** includes a list of the Affected Persons receiving notice of the application and the associated certified mailing receipts (green sheets).

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

A Public Notice was published in the Hobbs NewsSun, a newspaper of general circulation in the area, and the associated affidavit is included in **Attachment 7**.

Attachment 1

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-102 Revised July 9, 2024 Submit Electronically via OCD Permitting <table border="1" style="width: 100%;"><tr><td rowspan="3" style="width: 20%;">Submittal Type:</td><td><input type="checkbox"/> Initial Submittal</td></tr><tr><td><input type="checkbox"/> Amended Report</td></tr><tr><td><input type="checkbox"/> As Drilled</td></tr></table>	Submittal Type:	<input type="checkbox"/> Initial Submittal	<input type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
Submittal Type:	<input type="checkbox"/> Initial Submittal					
	<input type="checkbox"/> Amended Report					
	<input type="checkbox"/> As Drilled					

WELL LOCATION INFORMATION

API Number	Pool Code 96127	Pool Name SWD; San Andres-Glorieta
Property Code	Property Name MD NM L4 S28 SWD	Well Number #1
OGRID No. 371643	Operator Name SOLARIS WATER MIDSTREAM, LLC.	Ground Level Elevation 3582'
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL P	Section 28	Township 19-S	Range 38-E	Lot	Ft. from N/S 491 FSL	Ft. from E/W 510 FEL	Latitude 32.62532163 °N	Longitude 103.14662459 °W	County LEA
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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: <input type="checkbox"/> Yes <input type="checkbox"/> 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 <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

**02-10-2025**

Signature

Date

Nathan Alleman

Printed Name

nate.alleman@aceadvisors.com

Email Address

SURVEYOR CERTIFICATIONS

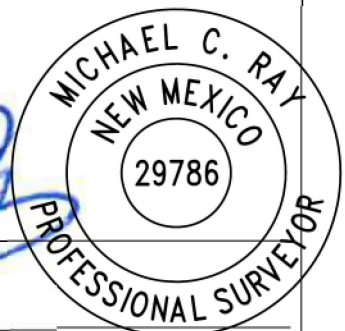
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor

Certificate Number

29786

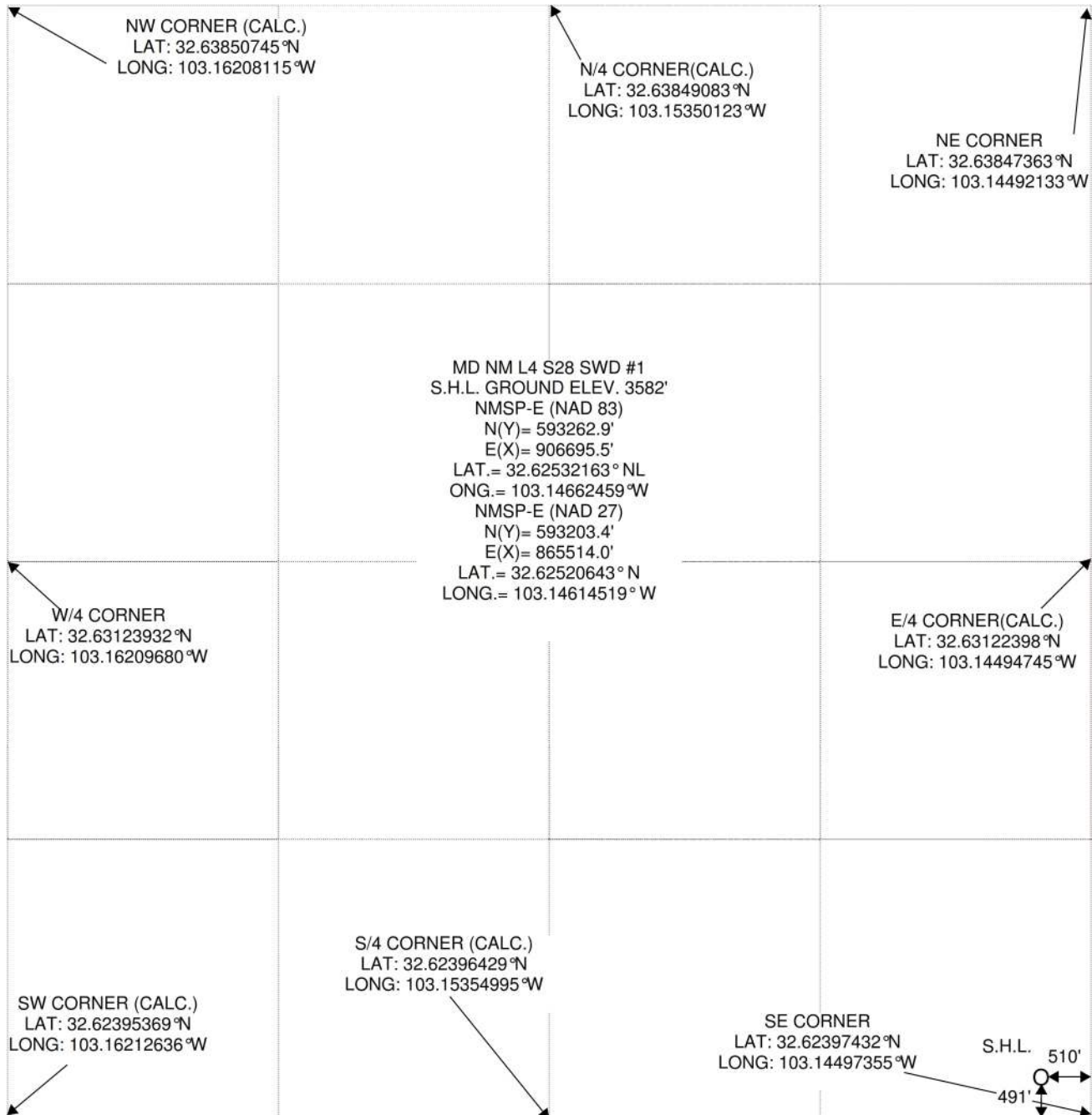
Date of Survey

6-27-2024, Revised 8-20-2024

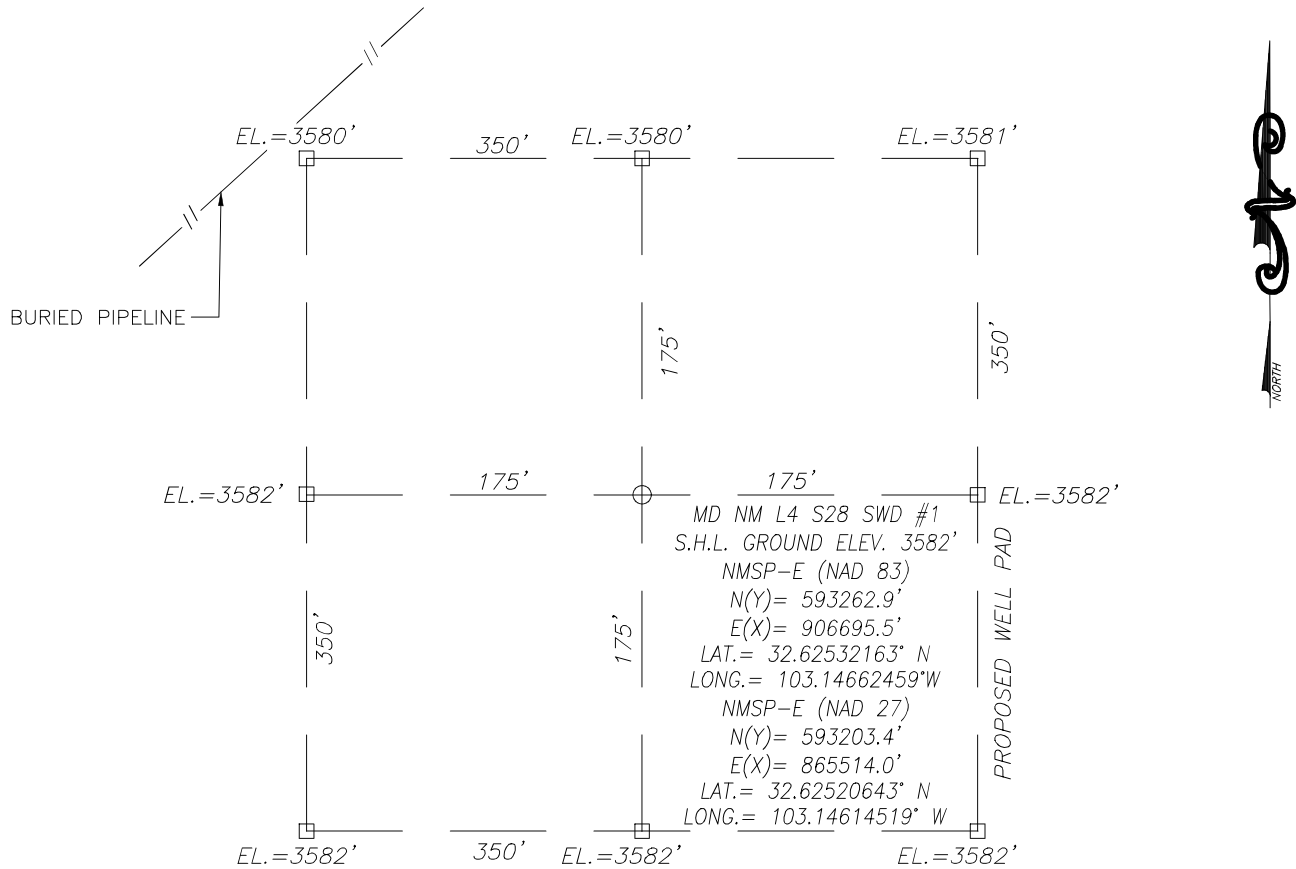
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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

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



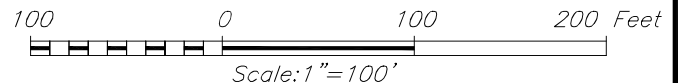
SECTION 28, TOWNSHIP 19 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION:

BEGINNING IN HOBBS, NEW MEXICO AT THE INTERSECTION OF HWY. 62/180 AND STATE HWY. 18, HEAD SOUTH ON STATE HWY. 18 ±5.0 MILES. TURN RIGHT AND HEAD WEST ON NADINE STREET ±1.0 MILES. THE WELL STAKED LOCATION FLAG IS NORTHWEST ±900 FEET.

ELEVATIONS SHOWN WERE DERIVED FROM STATIC GPS AND ARE IN N.A.V.D. 1988 DATUM.



DOWNTOWN DESIGN SERVICES, INC.
16 EAST 16th STREET, SUITE 400
TULSA, OK 74119
Tel: 918-592-3374 Fax: 918-221-3940
www.ddsiglobal.com

SOLARIS WATER MIDSTREAM, LLC.

MD NM L4 S28 SWD #1
LOCATED 491 FEET FROM THE SOUTH LINE
AND 510 FEET FROM THE EAST LINE OF SECTION 28,
TOWNSHIP 19 SOUTH, RANGE 38 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

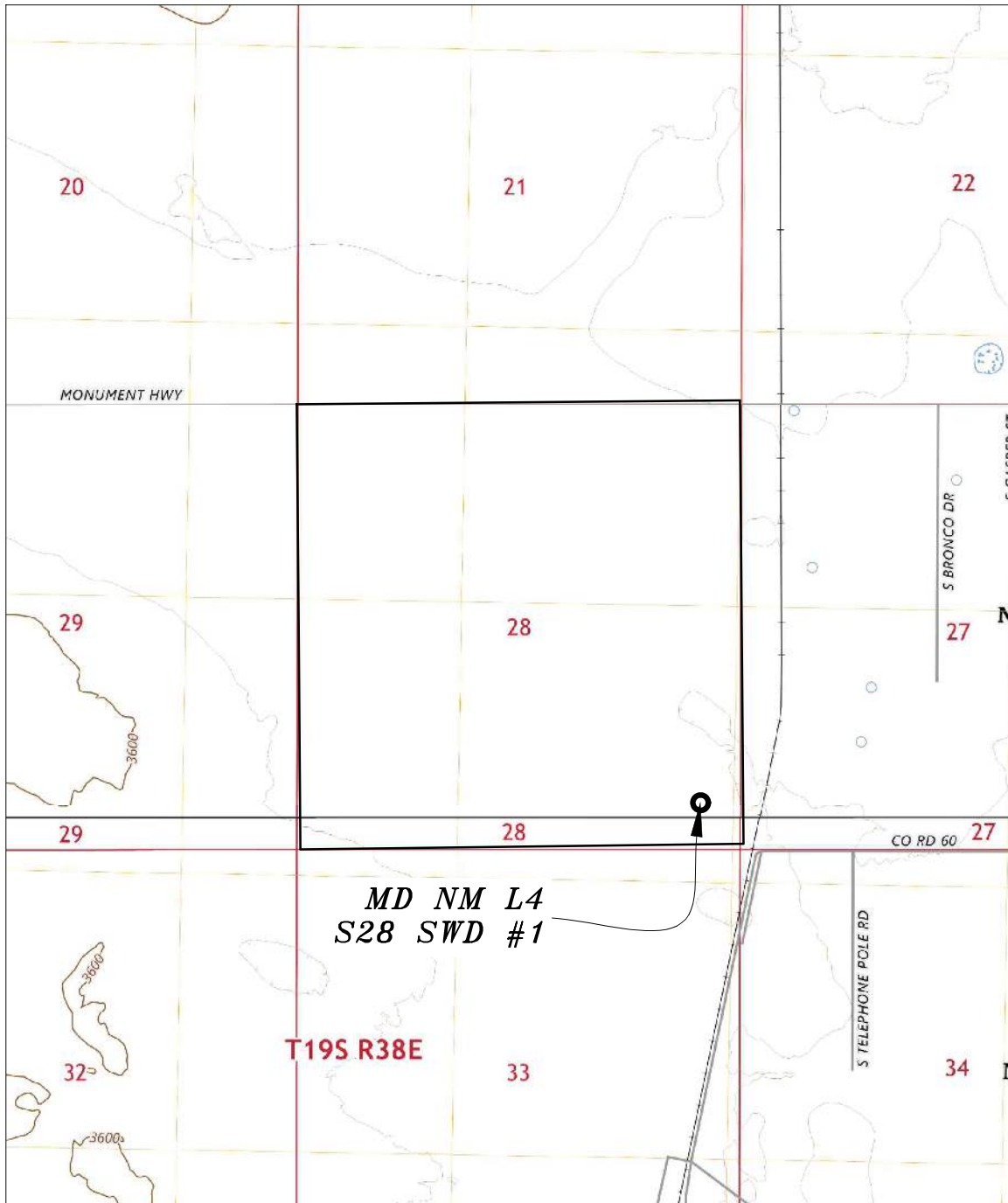
SURVEY DATE: JUNE 27, 2024 PAGE: 1 OF 1

DRAFTING DATE: JULY 2, 2024

APPROVED BY: CEC DRAWN BY: LDT

FILE: MD NM L4 S28 SWD #1

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

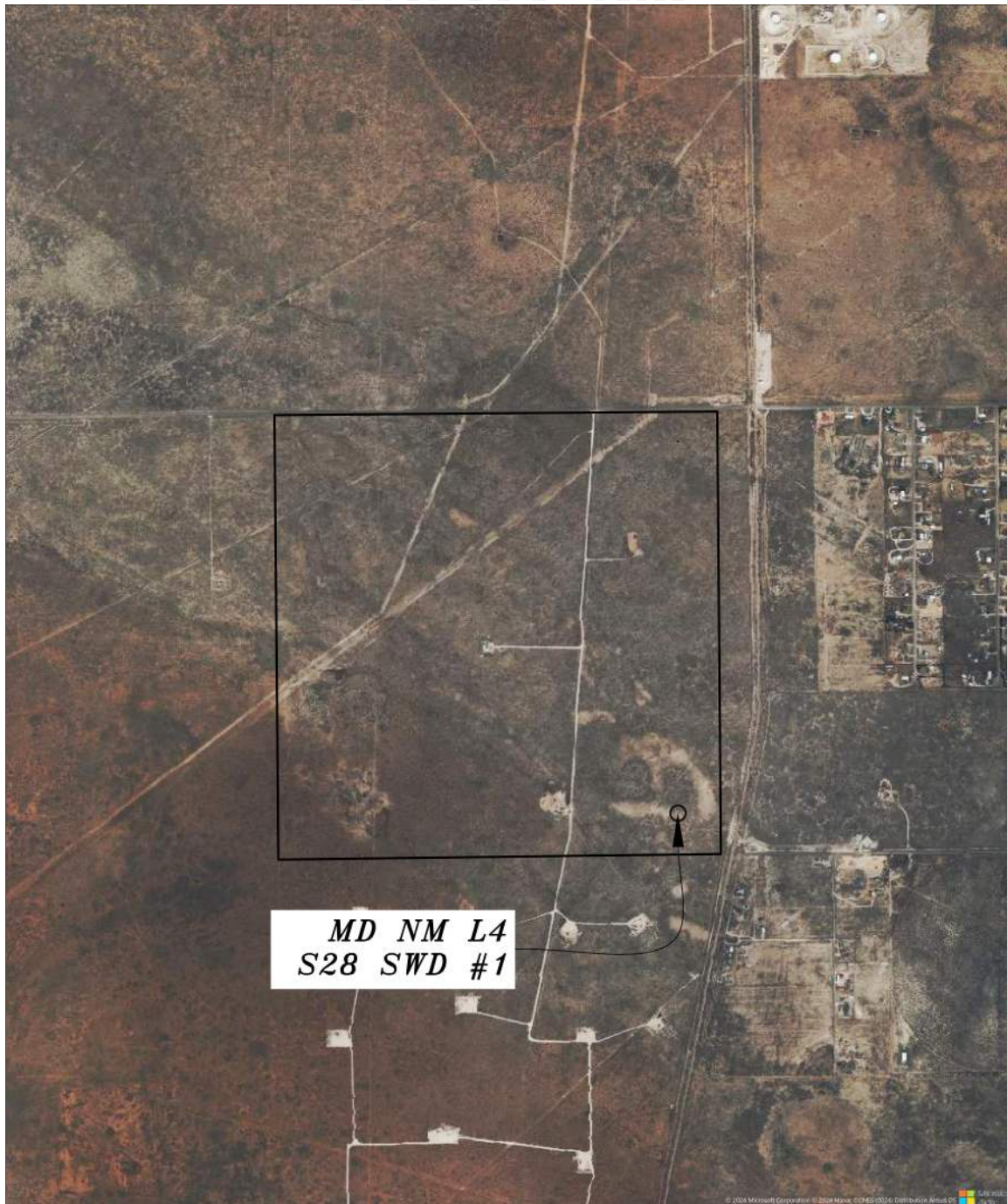
SEC. 28 TWP. 19-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 491' F.S.L. & 510' F.E.L.
 N.A.V.D. 88 ELEVATION 3582'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE MD NM L4 S28 SWD #1
 U.S.G.S. TOPOGRAPHIC MAP
 LEA, N.M.

ELEVATIONS SHOWN WERE DERIVED FROM
 STATIC GPS AND ARE IN N.A.V.D 1988 DATUM.

SOLARIS WATER MIDSTREAM, LLC.

SURVEY DATE: JUNE 27, 2024	PAGE: 1 OF 1
DRAFTING DATE: JULY 2, 2024	
APPROVED BY: CEC	DRAWN BY: LDT
FILE: MD NM L4 S28 SWD#1	

VICINITY MAP



SEC. 28 TWP. 19-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 491' F.S.L. & 510' F.E.L.
 N.A.V.D. 88 ELEVATION 3,582'
 OPERATOR SOLARIS WATER MIDSTREAM, LLC.
 LEASE MD NM L4 S28 SWD #1
 U.S.G.S. TOPOGRAPHIC MAP
LEA, N.M.

SCALE: 1" = 2000'

ELEVATIONS SHOWN WERE DERIVED FROM
 STATIC GPS AND ARE IN N.A.V.D 1988 DATUM.

SOLARIS WATER MIDSTREAM, LLC.

SURVEY DATE: JUNE 27, 2024

PAGE: 1 OF 1

DRAFTING DATE: JULY 2, 2024

APPROVED BY: CEC

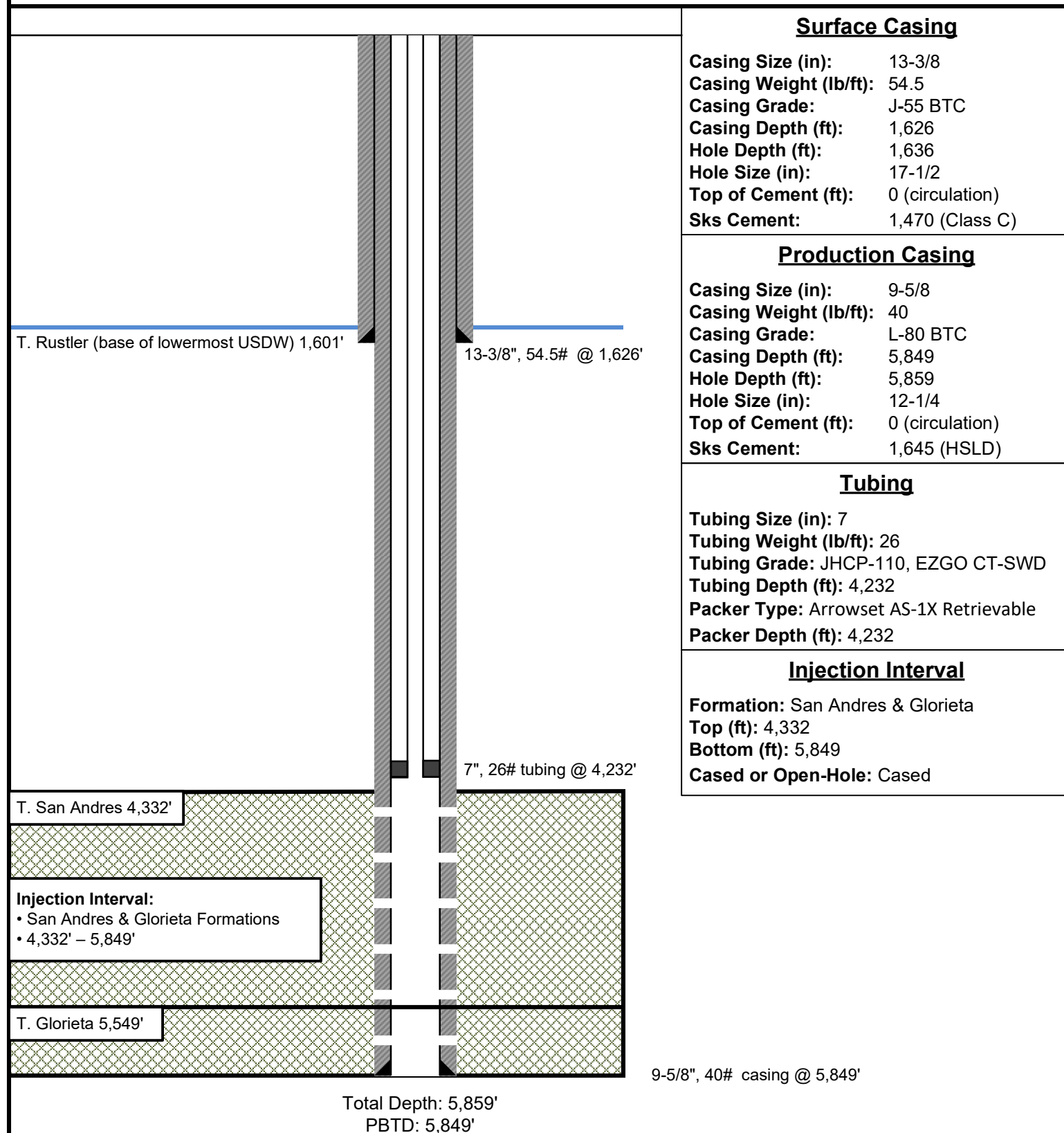
DRAWN BY: LDT

FILE: MD NM L4 S28 SWD#1

Solaris Water Midstream, LLC

MD NM L4 S28 SWD #1

Wellbore Diagram



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

NOT TO SCALE

**Weatherford®**

Packer Systems

Arrowset I-X, I-X 10K, and I-X HP Mechanical Packers

Weatherford's Arrowset I-X, I-X 10K, and I-X HP mechanical packers are versatile, field-proven retrievable double-grip packers for most production, stimulation, and injection. The packers can be set with tension or compression.

A large internal bypass reduces the swabbing effect during run-in and retrieval and closes securely when the packer is set. During release, the bypass is opened to equalize the pressure before the upper slips are released. A patented upper-slip releasing system reduces the force required to release the packer. A nondirectional slip is released first, making it easier to release the other slips.

The I-X 10K packer has all the features of the I-X packer and can withstand 10,000 psi (69 MPa) of differential pressure above or below. The I-X HP packer can withstand 7,500 psi (52 MPa) of differential pressure above or below.

Applications

- Production
- Pumping
- Injection
- Fiberglass tubing
- Zonal isolation

Features, Advantages and Benefits

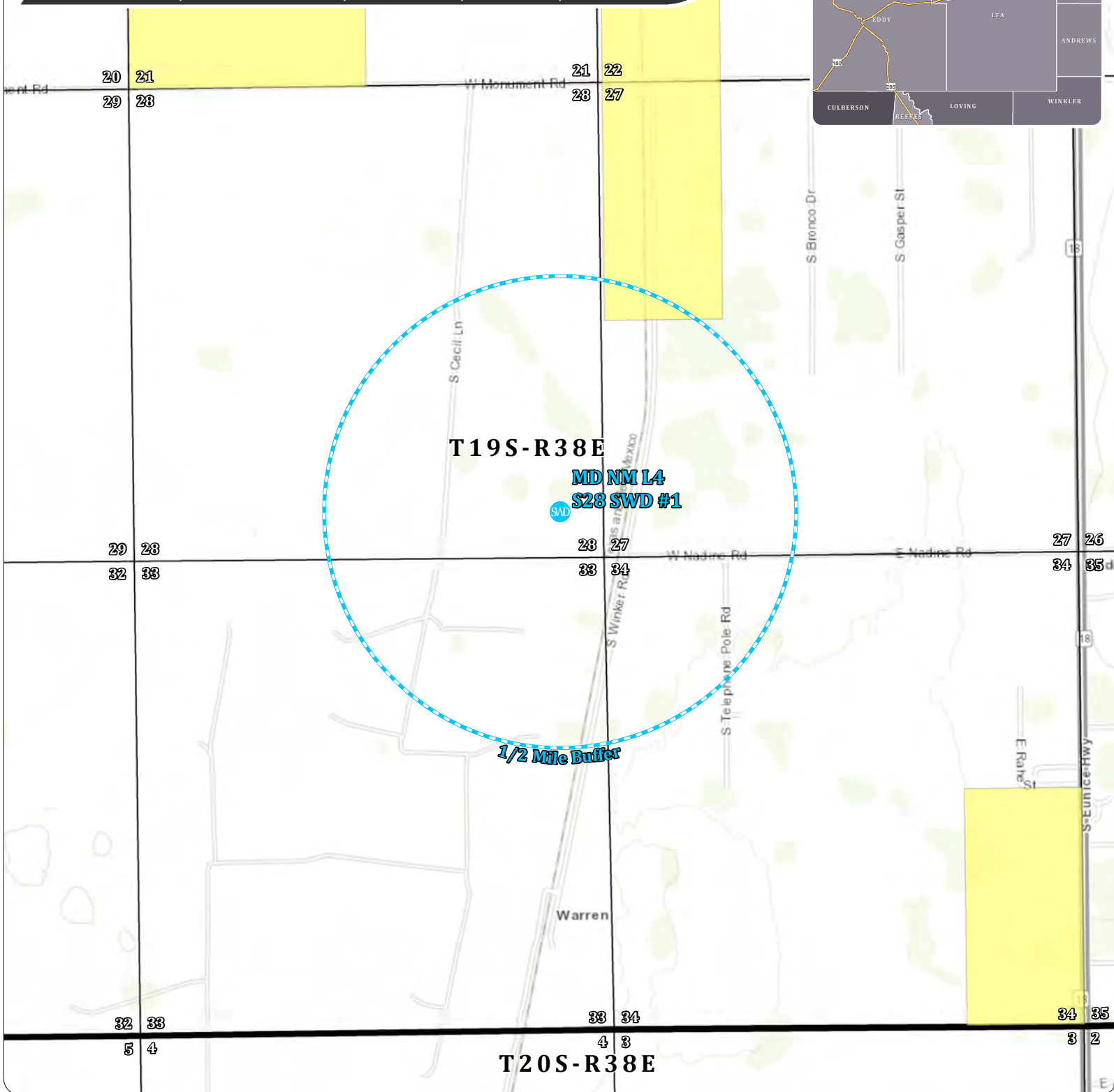
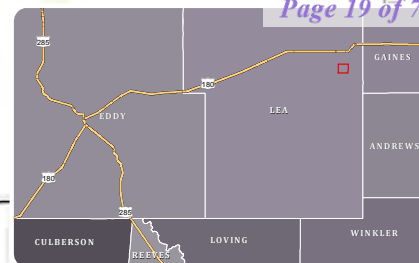
- The design holds high differential pressure from above or below, enabling the packer to meet most production, stimulation, and injection needs.
- The packer can be set with compression, tension, or wireline, enabling deployment in shallow and deep applications.
- The packer can be set and released with only a one-quarter turn of the tubing.
- The bypass valve is below the upper slips so that debris is 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 wireline tools and other packer systems.
- The packer can be run with Weatherford's T-2 on-off tool, which enables the tubing to be disconnected and retrieved without retrieving the packer.



Attachment 2

MINERAL OWNERSHIP MAP

SECTION 28, TOWNSHIP 19 SOUTH, RANGE 38 EAST, LEA COUNTY, NEW MEXICO



1:18,000

0 1,000 2,000 3,000 Feet

Legend

- Proposed SWD
- 1/2 Mile Buffer
- Subsurface minerals (NMSLO)
- All minerals are owned by U.S. (BLM)
- Private minerals

MD NM L4 S28 SWD #1**OPERATOR:
SOLARIS WATER MIDSTREAM, LLC.**

Project Managed By:
ACE
Energy Advisors

(918) 237-0559
nate.alleman@aceadvisors.com

Map Prepared By:
COOSA
CONSULTING

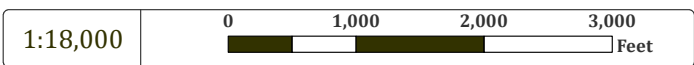
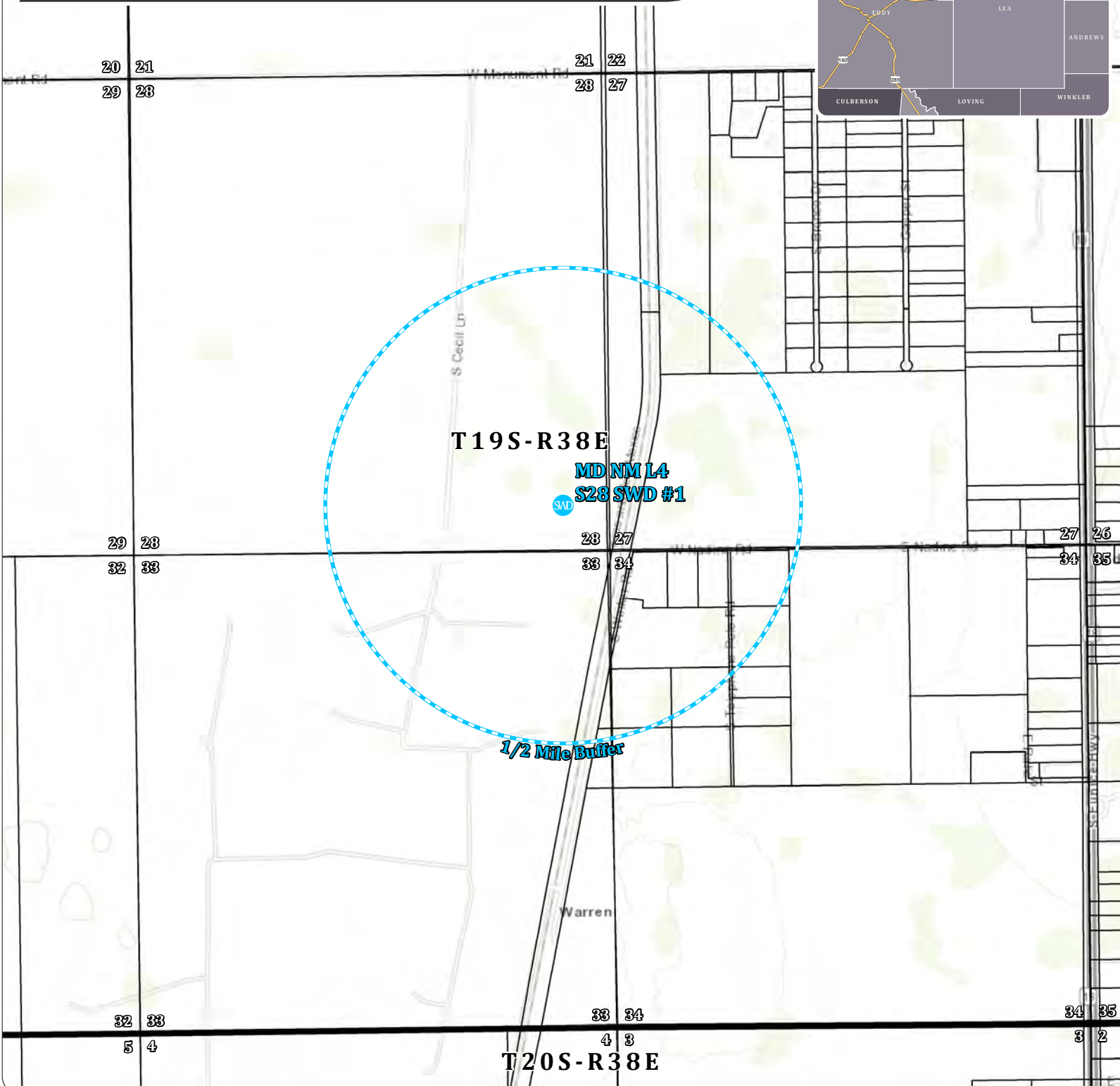
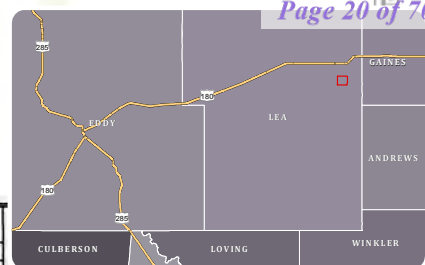
(432) 631-4738
info@coosaconsulting.com

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US



SURFACE OWNERSHIP MAP

SECTION 28, TOWNSHIP 19 SOUTH, RANGE 38 EAST, LEA COUNTY, NEW MEXICO



Project Managed By:

(918) 237-0559
nate.alleman@aceadvisors.com

Map Prepared By:

(432) 631-4738
info@coosaconsulting.com

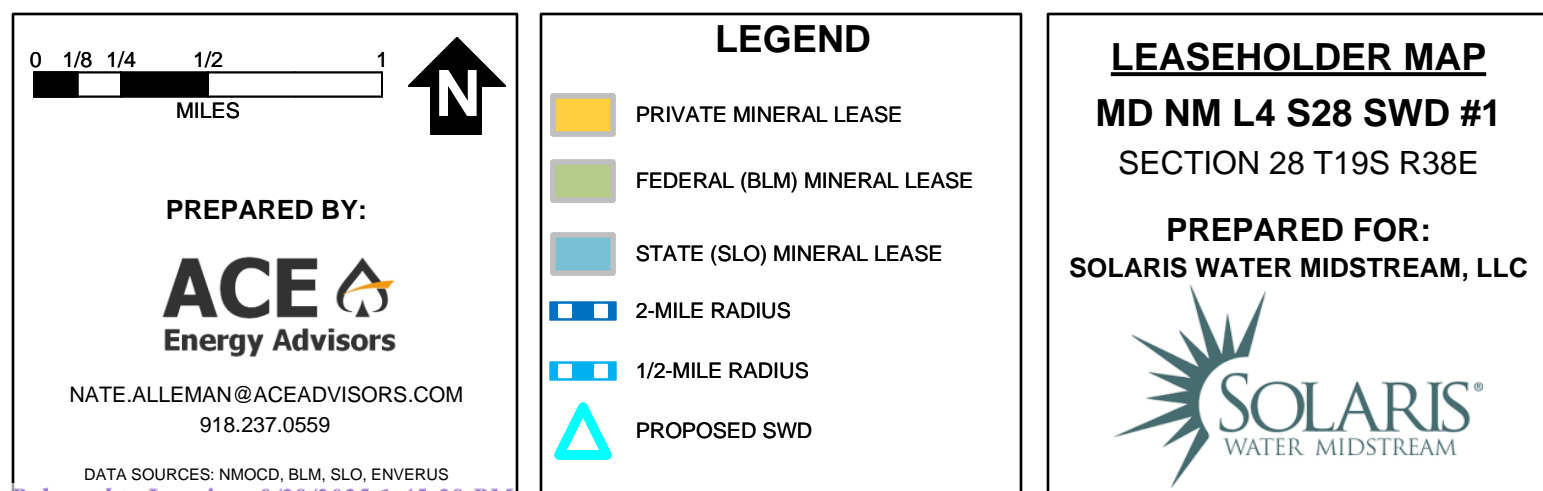
Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US

Legend

- Proposed SWD
- 1/2 Mile Buffer
- Federal Land
- State of NM Land
- Private Land

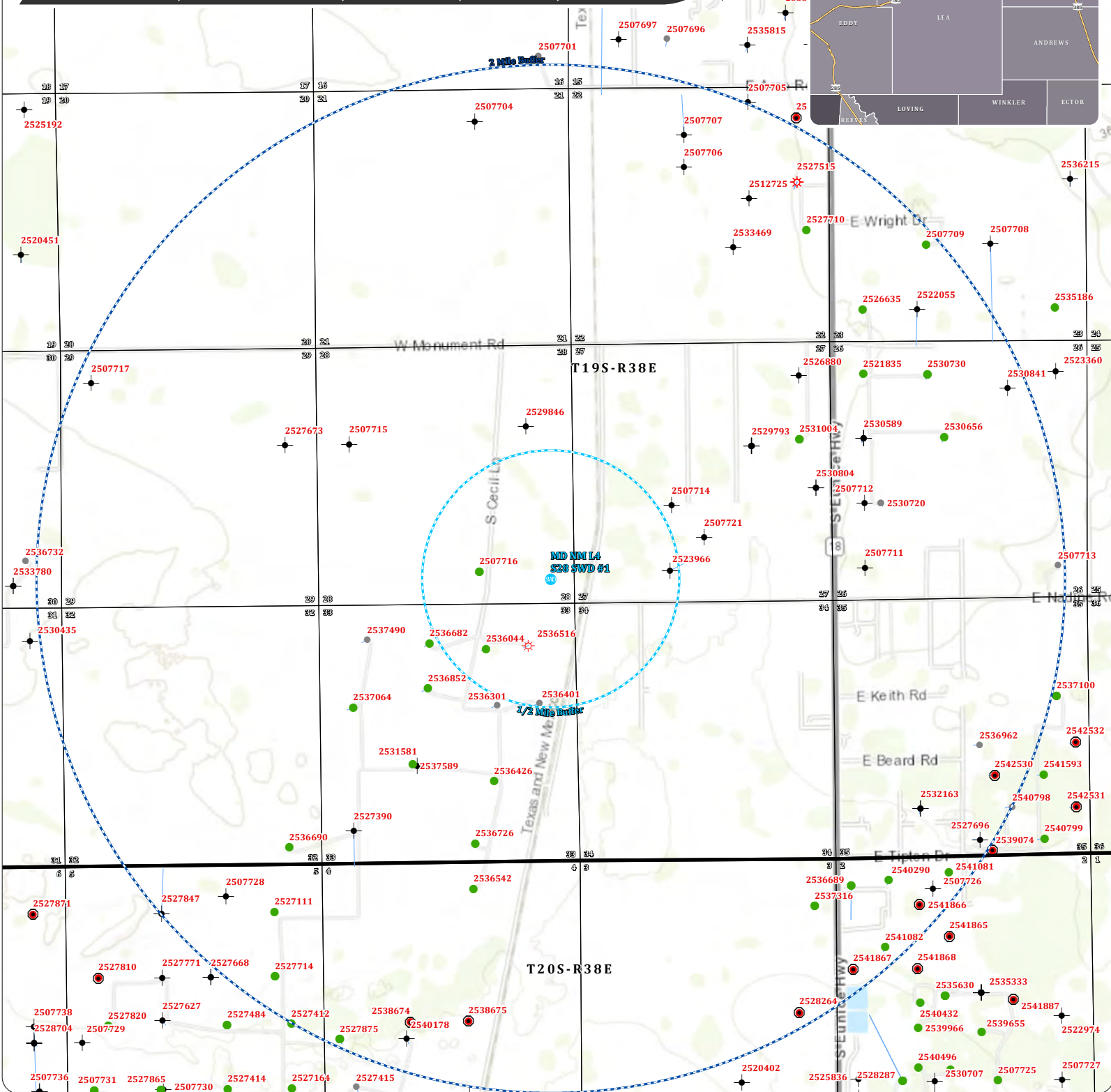
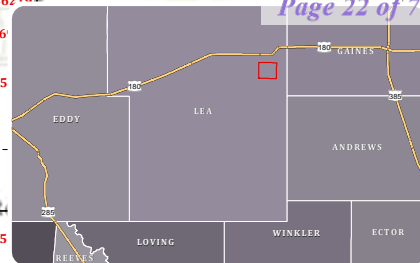
MD NM L4 S28 SWD #1

OPERATOR:
SOLARIS WATER MIDSTREAM, LLC.



WELL MAP

SECTION 28, TOWNSHIP 19 SOUTH, RANGE 38 EAST, LEA COUNTY, NEW MEXICO



1:33,000

0 2,000 4,000 6,000 Feet

Legend

- Proposed SWD
- 1/2 Well Buffer
- 2 Mile Buffer
- Other
- Gas
- Disposal
- Drilling
- Permitted
- Cancelled/Expired Permit
- P/A
- TA

MD NM L4 S28 SWD #1

OPERATOR:
SOLARIS WATER MIDSTREAM, LLC.



Project Managed By:
ACE
Energy Advisors

(918) 237-0559
nate.alleman@aceadvisors.com

Map Prepared By:

COOSA
CONSULTING

(432) 631-4738
info@coosaconsulting.com

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US



0.5-mile Well List (Top of Injection Interval: 4,332')

Well Name	API#	Well Type	Operator	Status	Spud Date	Location (Sec., Tn., Rng.)	Total Vertical Depth (feet)	Penetrate Inj. Zone?
C P BORDAGES #001	30-025-07716	Oil	THREE FORKS RESOURCES, LLC**	Active	1/28/1962	O-28-19S-38E	8,265	Yes
MCNEILL #001	30-025-36044	Oil	L E JONES OPERATING INC**	Active	11/13/2002	B-33-19S-38E	7,600	Yes
MCNEILL C #001	30-025-36516	Gas	L E JONES OPERATING INC**	Active	1/1/2004	A-33-19S-38E	7,300	Yes
MCNEILL A #001	30-025-36401	Oil	L E JONES OPERATING INC**	Active	9/14/2003	H-33-19S-38E	7,280	Yes
PRE-ONGARD WELL #001	30-025-23966	Oil	PRE-ONGARD WELL OPERATOR	Plugged	12/10/1971	N-27-19S-38E	10,000	Yes

Notes:

- Four active and one plugged well penetrate the injection interval within the AOR.
- ** Operator of active, drilled well within AOR and will receive notification of this application.

Horizontal Well w/ Surface Location Outside the 0.5-mile AOR

Well Name	API#	Well Type	Operator	Field	Status	Depth
N/A						

Notes:

- No drilled, active horizontal wellbores intersect the AOR radius.
- ** Operator of active, drilled well within AOR and will receive notification of this application.

Penetrating Well Casing and Cement Details

API#	Type	Hole	Size	Depth	Sacks	TOC	Method	Problem
30-025-07716	Surface	17-1/2"	13-3/8"	384'	380	Surface	Circulation	No
	Intermediate	11"	8-5/8"	4,345'	2,000	Surface	Circulation	
	Production	7-7/8"	5-1/2"	8,265'	1,175	473'	Calculated	
30-025-36044	Surface	12-1/4"	8-5/8"	1,640'	1,354	Surface	Circulation	No
	Production	7-7/8"	5-1/2"	7,600'	1,600	Surface	Circulation	
30-025-36516	Surface	12-1/4"	8-5/8"	1,655'	795	Surface	Calculated	No
	Production	7-7/8"	5-1/2"	6,523'	1,410	Surface	Circulation	
30-025-36401	Surface	12-1/4"	8-5/8"	1,632'	795	Surface	Circulation	No
	Production	7-7/8"	5-1/2"	7,280'	1,550	Surface	Circulation	
30-025-23966	Surface	17-1/2"	13-3/8"	401'	350	Surface	Circulation	No
	Intermediate	11"	8-5/8"	4,680'	850	2,530'	TS	
	Production	7-7/8"	5-1/2"	7,742'	600	3,600'	TS	

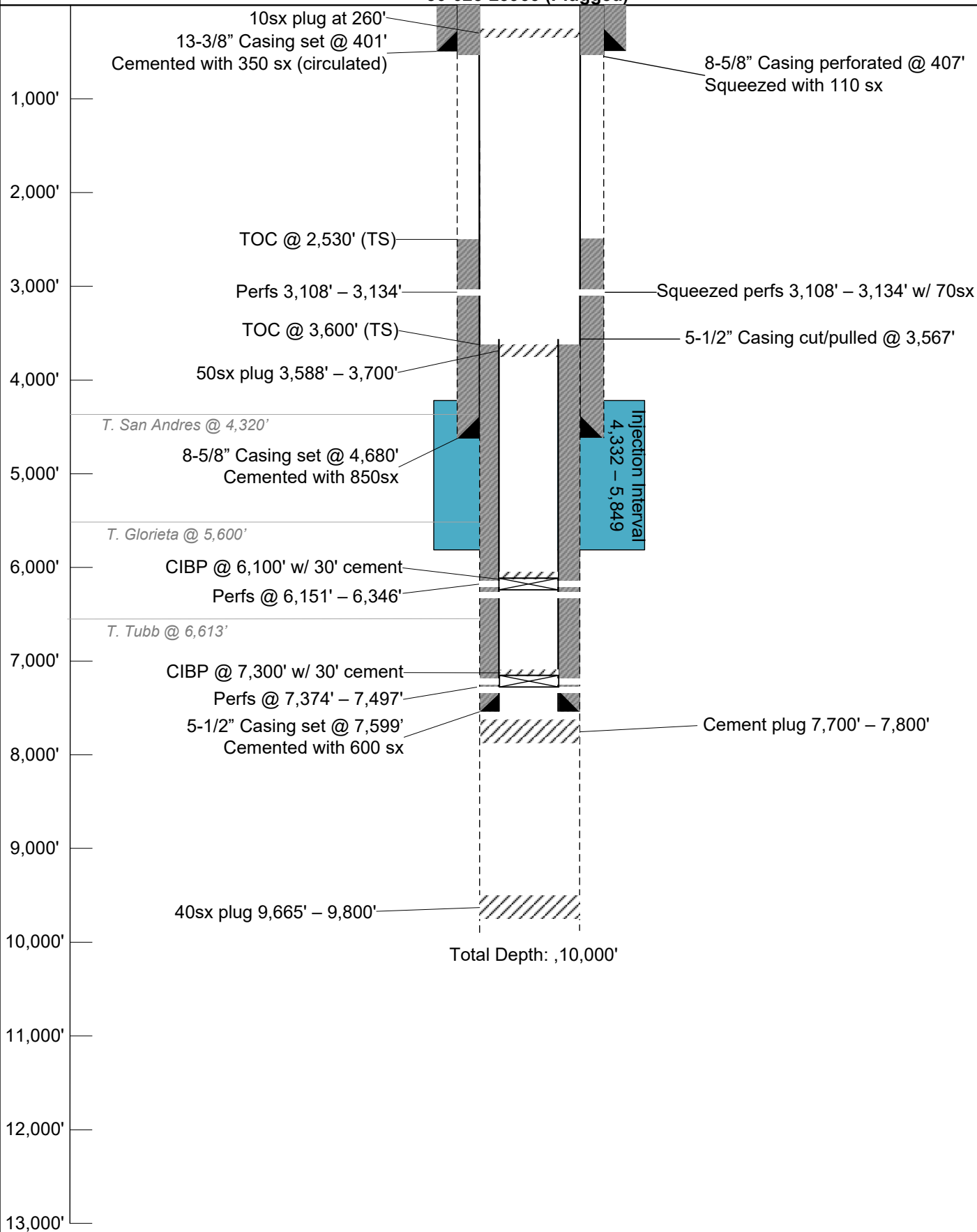
Plugged Penetrating Wells

API#	Perfs	Casing Pulled	Plugs
30-025-23966	407' 3108' - 3134' 6151' - 6346' 7374' - 7497'	3567' of 5-1/2"	40 sx 9665' - 9800'
			Set cement plug 7700' - 7800'
			CIBP @ 7300' w/ 30' cement
			CIBP @ 6100' w/ 30' cement
			50 sx plug 3588' - 3700'
			Sq perfs 3108' - 3134' w/ 70 sx.
			Perf 8-5/8" casing @ 407'. Sq w/ 110 sx
			Spot 10 sx at 260'

AOR Wellbore Diagram (30-025-23966)

Injection Interval: San Andres & Glorieta @ 4,332' – 5,849'

Formation Depth Picks

**Offset AOR Well
30-025-23966 (Plugged)**

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

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Pennzoil United, Inc.		8. Farm or Lease Name Bordages	
3. Address of Operator P. O. Box 1828, Midland, Texas 79701		9. Well No. 1	
4. Location of Well UNIT LETTER <u>N</u> , <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1,980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>19-S</u> RANGE <u>38-E</u> NMPM.		10. Field and Pool, or Wildcat Wildcat	
15. Elevation (Show whether DF, RT, GR, etc.) 3581.4 GL		12. County Lea	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☒
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Spudded 17-1/2" hole at 3:00 a.m., 12-10-71.
Drilled to 405'. Ran 13-3/8" OD 48# casing to 401'. Cemented w/200 sks.
Class "H" 6% gel and 1/4# Flocele per sack plus 150 sks. Class "H" 2%
CaCl. Plug down at 9:45 a.m., 12-11-71. Cement circulated O.K.
Nippled up BOP and after 21 hrs., tested BOP and casing to 1000# for 30
minutes. Tested O.K.

Drilled 11" hole to 4,680' on 12-20-71. Ran logs. Ran 8-5/8" OD, 24#
and 32# casing to 4,680'. Cemented w/550 sks. Class "C" 2% gel and 1/4#
Flocele per sack plus 300 sks. Class "H" 6% gel, all with 8# salt and 1/4#
Flocele per sack. Plug down at 1:15 a.m., 12-21-71.

Ran temperature survey and located TOC at 2,530'.
Nippled up BOP and after 26 hrs., tested BOP and casing w/2000# for 30
minutes. Tested O.K.

On 1-6-72, drilling at 8,607' in Lime.

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

SIGNED Joe D. Ramey

TITLE Drilling Superintendent DATE January 6, 1972

Orig. Signed by
Joe D. Ramey
Dist. I, Supv.

APPROVED BY _____

TITLE _____ DATE JAN 10 1972

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Pennzoil United, Inc.	8. Farm or Lease Name Bordages
3. Address of Operator P. O. Drawer 1828 - Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>19-S</u> RANGE <u>38-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 3581.4	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☒
OTHER ☐ Plug Back ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Set plugs as follows on 1-23-72

Plug #1 - 40 sx 9800-9665'
Plug #2 - 75 sx 7150-6950'
Plug #3 - 35 sx 6200-6085'
Plug #4 - 35 sx 5600-5485'
Plug #5 - Bridge plug @ 4600' - 15 sx 4600-4550'

On 1-26-72, moved in completion unit. Tested 8 5/8" casing w/2500# for 30 minutes - Tested O.K.

Now working on completion

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

SIGNED [Signature] TITLE Drilling Superintendent

DATE 1-31-72

APPROVED BY

Orig. Signed by
John Runyan
Geologist

TITLE

DATE FEB 2 1972

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OPERATOR	


**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____		7. Unit Agreement Name	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		8. Farm or Lease Name Bordages	
2. Name of Operator Pennzoil United, Inc.		9. Well No. 1	
3. Address of Operator P. O. Drawer 1828 - Midland, Texas 79701		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 27 TWP. 19-S RGE. 38-E NMPM		12. County Lea	
15. Date Spudded 12-10-71	16. Date T.D. Reached 1-22-72	17. Date Compl. (Ready to Prod.) Dry	18. Elevations (DF, RKB, RT, GR, etc.) 3581.4 GL
19. Elev. Casinghead Same		20. Total Depth 10,000'	
21. Plug Back T.D. P&A		22. If Multiple Compl., How Many -	
23. Intervals Drilled By →		24. Producing Interval(s), of this completion - Top, Bottom, Name P&A	
25. Was Directional Survey Made Yes		26. Type Electric and Other Logs Run GR-S, SNP, LL, DIL	
27. Was Well Cored No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE
13 3/8"	48	401	17 1/2"
8 5/8"	24 & 32	4,680	11
CEMENTING RECORD		AMOUNT PULLED	
350 sacks		0	
850 sacks		0	
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT
None			
SIZE	DEPTH SET	PACKER SET	
None			
31. Perforation Record (Interval, size and number) 1 - 5/8" hole per ft. @ 3108, 10, 15, 16, 21, 23, 28, 30, 32, & 34'.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
3108 - 3134'		750 gals MCA	
		10,000 gals gelled KCL water	
		10,000# sand	
33. PRODUCTION			
Date First Production None	Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)
Date of Test None	Hours Tested	Choke Size	Prod'n. For Test Period
Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil Gravity - API (Corr.)
None			
34. Disposition of Gas (Sold, used for fuel, vented, etc.) None			Test Witnessed By
35. List of Attachments Directional survey & electrical logs			

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED 
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TITLE **Drilling Superintendent** DATE **March 9, 1972**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1600	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2746	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2887	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3136	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3696	T. Silurian _____ 8880	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3999	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4320	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5600	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 6082	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6613	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7237	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1600	1600	Red Beds				
1600	2887	1287	Anhydrite & Salt				
2887	3999	1112	Anhydrite, Sd & Dolo				
3997	5600	1603	Dolomite				
5600	7000	1400	Dolomite & Sand				
7000	8070	1070	Dolomite & Lime				
8070	8700	630	Lime & Red Shale				
8700	9910	1210	Dolomite				
9910	10000	90	Lime, Dolo & Chert				

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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2. Name of Operator Pennzoil United, Inc.		8. Farm or Lease Name Bordages
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15. Elevation (Show whether DF, RT, GR, etc.) 3581.4 GL		12. County Lea

16.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

On 2-8-72 loaded hole w/9.4# mud. Squeezed perms 3108-3134' w/70 sx Class "H".
Checked plug. - Set 25 sx Class "H" plug from 3102-3040'. Set 15 sk plug from
50' to surface. - Removed well head. - Welded plate on top of casing.

Erected dry hole marker.

Will restore surface when drilling rig has been moved.

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

SIGNED

TITLE Drilling SuperintendentDATE 3-8-72

APPROVED

TITLE

Nathan E. Olegg
OIL & GAS INSPECTORDATE MAY 22 1972

CONDITIONS OF APPROVAL, IF ANY:

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Adobe Oil & Gas Corporation	8. Farm or Lease Name Bordages
3. Address of Operator 1100 Western United Life Building	9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>19S</u> RANGE <u>38E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 2581 GLM	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>Commence Re-entry</u> <input checked="" type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Rigged up completion unit 1/10/79. Cut off dry hole marker & plate--Test w/B.O.P's to 1000#, held ok.

Drilled cement plug. Drilled out plugs circ. & condition hole to 8000'. Spotted cement plug from 7800' to 7700'. Ran 161 Jts. 5-1/2" 15.50# J-55 (6506') plus 131 Jts. 5-1/2" 17# J-55 (1246') total 7752'. Landed @ 7742'. Cemented w/600 sx Thixotropic. Plug on bottom @ 6:20 p.m. 1/18/79. Ran Temp Survey. Top Cement @ 3600'. PBD 7680'. 8-5/8" Csg. @ 4680', ran Gr-Ne log. Perforated Abo w/1 shot/ft. @ 7497, 7479, 7472, 7450, 7447, 7408, 7384, & 7374. Acidized w/3,000 gals. 20% DS-30 & 9,000 gals. 15% HCl. Total load 400 bbl. Swabbing well.

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

SIGNED <u>[Signature]</u>	TITLE <u>District Production Manager</u>	DATE <u>1/30/79</u>
APPROVED BY <u>[Signature]</u>	TITLE <u></u>	DATE <u>FEB 4 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		

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FILE	
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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Adobe Oil & Gas Corporation	8. Farm or Lease Name Bordages
3. Address of Operator 1100 Western United Life Bldg., Midland, TX 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> <u>660</u> FEET FROM THE <u>south</u> LINE AND <u>1980</u> FEET FROM THE <u>west</u> LINE, SECTION <u>27</u> TOWNSHIP <u>19-S</u> RANGE <u>38-E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 2581 GIM	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☒
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER treat, test, & T.A. ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Swab tested Abo perfs 7374-7497'. Recovered load & well swabbed 2-3 BFPH, 30% oil. Pulled tbg & pkr and perforated Blinbry @ 6151, 6156, 6171, 6176, 6205, 6230, 6238, 6245, 6252, 6264, 6343, & 6346' (12 holes). Set RBP @ 6476' & tested to 5000# w/ pkr. Acidized Blinbry perfs w/3000 gal 15% acid. Recovered load & swab tested 3 BFPH, 2-3% oil w/trace of gas. Fraced perfs w/25,000 gal gelled KCl water w/42,500# 20-40 sand + 4000# 100 mesh sand. Recovered load w/swab & tested 15 bbls formation water/hr. Shut well in & RD 2/9/79.

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

SIGNED [Signature] TITLE Engineer DATE 2/9/79

APPROVED BY _____ TITLE _____ DATE FEB 12 1979

CONDITIONS OF APPROVAL, IF ANY:

Expires 2/12/80

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT --" (FORM C-101) FOR SUCH PROPOSALS.)

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15. Elevation (Show whether DF, RT, GR, etc.) 2581 GLM	12. County Ira

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☒
CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐
ALTERING CASING ☐
PLUG AND ABANDONMENT ☒

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Plugged as follows:

Set CIBP @ 7300' above Abo perfs (7374-7497'). Dumped 30' cement on top of BP w/bailer. Set CIBP @ 6100' above Blinbry perfs (6151-6346'). Dumped 30' cement on top of BP w/bailer. Displaced fluid in hole w/9.8 ppg mud. Shot off 5-1/2" casing at 3567'. Laid down 5-1/2" csg. Ran in hole w/tbg to 3700'. Circ 9.8 ppg mud to surface. Spot 50 sx cement plug from 3700-3588'. Shot 2 holes @ 407' in 8-5/8" csg. Squeezed w/110 sx Class "H" cement between 8-5/8" & 13-3/8" csg. Spotted 10 sx cement at 260'. Installed dryhole marker.

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

SIGNED Carl B. [Signature] TITLE Dist. Prod. Mgr. DATE Mar. 29, 1979

APPROVED BY Eddie W. [Signature] TITLE OIL & GAS INSPECTOR DATE NOV 21 1979

CONDITIONS OF APPROVAL, IF ANY:

Attachment 3

Source Formation Water Analysis																							
Well Name	API	Latitude	Longitude	Section	Township	Range	Unit	Ftgs	Ftgw	County	State	Formation	Sampled	PH	TDS (Mg/L)	Sodium (Mg/L)	Calcium (Mg/L)	Iron (Mg/L)	Magnesium (Mg/L)	Manganese (Mg/L)	Chloride (Mg/L)	Bicarbonate (Mg/L)	Sulfate (Mg/L)
STATE NPA #001	30-025-03156	32.6879654	-103.5031815	6	19S	35E	L	1980S	660W	LEA	NM	BONE SPRING	1960	7.7	25800						14100	830	1120
SHOOTING STAR STATE SWD #001	30-025-29805	32.7594261	-103.4270935	11	18S	35E	J	1650S	2310E	LEA	NM	BONE SPRING	2001	6.2			15600	3	982		148248	244	650
SINCLAIR STATE #002	30-025-03123	32.7386246	-103.4561005	21	18S	35E	A	660N	660E	LEA	NM	WOLFCAMP	1960	7.1	60950						33568	1087	3049
IRONHOUSE 19 STATE COM #001H	30-025-40676	32.7266121	-103.499527	19	18S	35E	N	200S	1800W	Lea	NM	BONE SPRING 2ND SAND	2014	6.4	182864	58171	4944	49	1893	1	113954	195	0
IRONHOUSE 19 STATE COM #004H	30-025-41245	32.7264938	-103.5014343	19	18S	35E	M	150S	1215W	Lea	NM	BONE SPRING 2ND SAND	2014	6.2	189029	64016	5319	39	2044	2	113566	159	0
IRONHOUSE 19 STATE COM #002H	30-025-41094	32.7271118	-103.4903336	19	18S	35E	P	410S	630E	Lea	NM	BONE SPRING 2ND SAND	2014	6.0	205332	72646	4828	39	2316	2	130450	488	1503
IRONHOUSE 20 STATE COM #001	30-025-40611	32.7265129	-103.4774857	20	18S	35E	O	200S	1980E	Lea	NM	BONE SPRING 2ND SAND	2014	6.1	186865	65638	4698	16	1700	1	116510	1098	1804
IRONHOUSE 20 STATE #002H	30-025-40748	32.7265129	-103.4731903	20	18S	35E	P	200S	660E	Lea	NM	BONE SPRING 2ND SAND	2014	6.6	196865	66738	4631	23	1790	1	116580	1298	1894
IRONHOUSE 19 STATE COM #003H	30-025-41050	32.7264977	-103.4941711	19	18S	35E	O	175S	1810E	Lea	NM	BONE SPRING 2ND SAND	2014	6.2	178457	56874	6125	22	1457	1	125412	845	849
HAMON STATE #001	30-025-03140	32.7175827	-103.4464035	27	18S	35E	K	2310S	2310W	LEA	NM	BONE SPRING			154510						96360	430	1210
LEA 403 STATE #001	30-025-03126	32.7386093	-103.4518051	22	18S	35E	D	660N	660W	LEA	NM	BONE SPRING	1958	6.7	255451						156699	327	779
LEA 403 STATE #001	30-025-03126	32.7386093	-103.4518051	22	18S	35E	D	660N	660W	LEA	NM	BONE SPRING			255451						156699	327	779
HAMON STATE #001	30-025-03140	32.7175827	-103.4464035	27	18S	35E	K	2310S	2310W	LEA	NM	BONE SPRING			154510						96360	430	1210
SHOOTING STAR STATE SWD #001	30-025-29805	32.7594261	-103.4270935	11	18S	35E	J	1650S	2310E	LEA	NM	BONE SPRING									148248	244	650
STATE NPA #001	30-025-03156	32.6879654	-103.5031815	6	19S	35E	L	1980S	660W	LEA	NM	BONE SPRING			195200						118000	220	1030
APPLESEED FEDERAL COM #001	30-025-20377	32.5750008	-103.4730377	17	20S	35E	H	1980N	660E	LEA	NM	BONE SPRING			173141						93660	5174	7916
ALPHABET AOR STATE #001	30-025-21342	32.4806519	-103.4940796	17	21S	34E	F	1980N	1980W	LEA	NM	BONE SPRING									95978	391	400
HUNT APO STATE #001	30-025-27135	32.5070038	-103.4812317	4	21S	34E	T	2310S	660W	LEA	NM	BONE SPRING									154965	146	350
BERRY APN STATE #001	30-025-27250	32.5060349	-103.4983444	5	21S	34E	L	1980S	660W	LEA	NM	BONE SPRING			128117						82351	567	1723
H L VINSON #001	30-025-03587	33.5251312	-103.237999	22	09S	36E	A	660N	660E	Lea	NM	WOLFCAMP									66400	187	690
PHILLIPS STATE #001	30-025-03659	33.3458824	-103.2939529	22	11S	36E	N	660S	1980W	LEA	NM	WOLFCAMP			78885						47400	354	875
STATE CA #001	30-025-03743	32.902153	-103.3229828	23	16S	36E	O	660S	1980E	LEA	NM	WOLFCAMP			167968						102800	61	623
SINCLAIR STATE #002	30-025-03123	32.7386246	-103.4561005	21	18S	35E	A	660N	660E	LEA	NM	WOLFCAMP			60950						33568	1087	3049

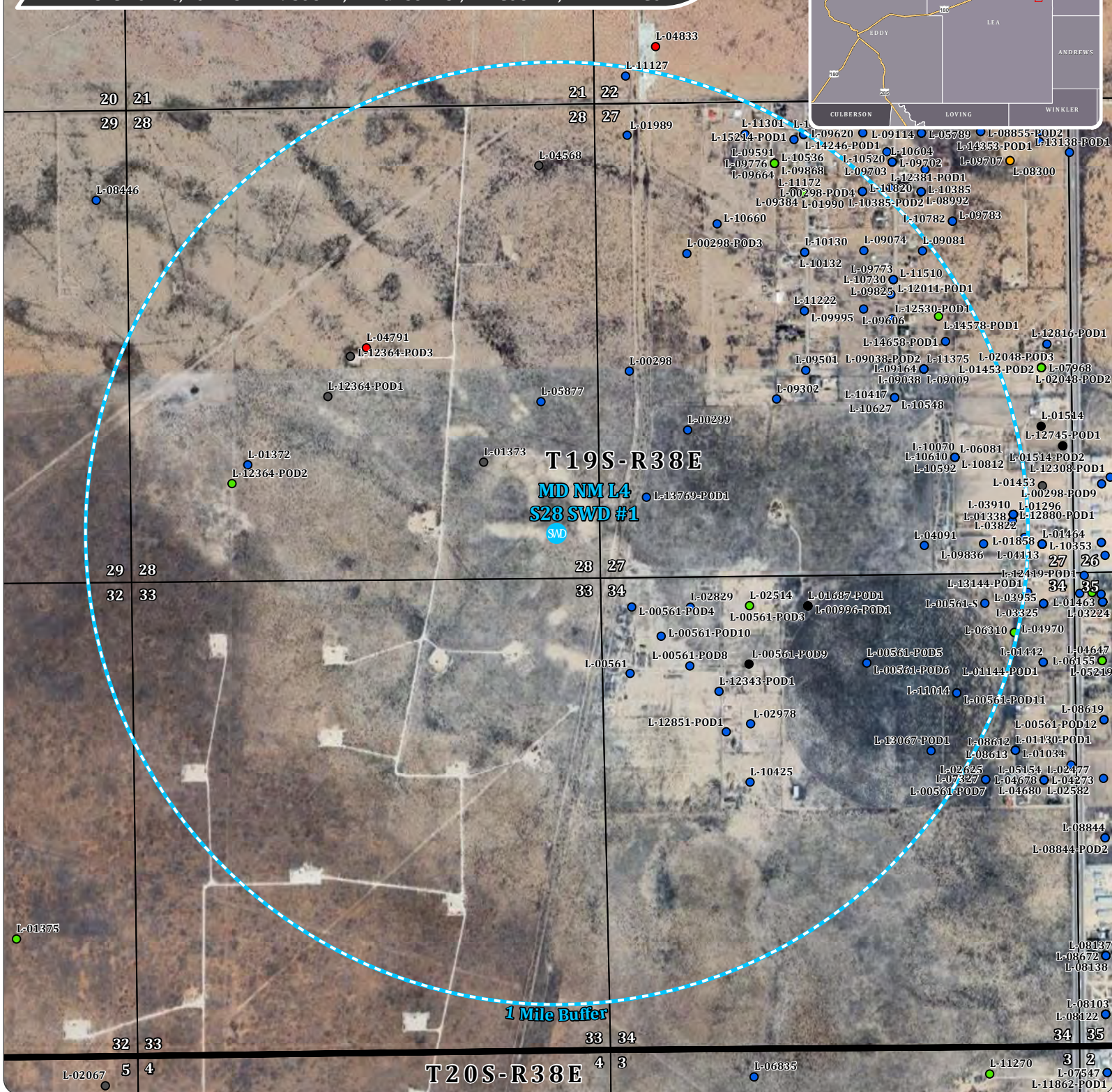
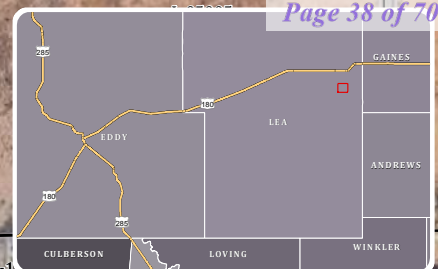
Attachment 4




Injection Formation Water Analysis															
Well Name	API	TVD ft)	Latitude	Longitude	Section	Township	Range	Unit	Formation	Date Sampled	PH	TDS (Mg/L)	Chloride (MG/L)	Bicarbonate (MG/L)	Sulfate (MG/L)
BORDAGES #001	30-025-07707	8,268	32.6503105	-103.1374054	22	19S	38E	C	GRAYBURG/SAN ANDRES	Unknown	Unknown	36,794	19,180	641	3,283
BORDAGES #001	30-025-07707	8,268	32.6503105	-103.1374054	22	19S	38E	C	GRAYBURG/SAN ANDRES	Unknown	Unknown	135,439	84,420	746	1,436
BORDAGES #001	30-025-07707	8,268	32.6503105	-103.1374054	22	19S	38E	C	GRAYBURG/SAN ANDRES	Unknown	Unknown	139,766	83,600	396	5,280
BORDAGES #001	30-025-07707	8,268	32.6503105	-103.1374054	22	19S	38E	C	GRAYBURG/SAN ANDRES	Unknown	Unknown	142,865	89,070	546	2,022

Source: New Mexico Tech; Go-Tech Produced Water Quality Data Search (<https://gotech.nmt.edu/gotech/Water/producedwater.aspx>)

Attachment 5

SECTION 28, TOWNSHIP 19 SOUTH, RANGE 38 EAST, LEA COUNTY, NEW MEXICO



-  Active
-  Pending
-  Changed Location of Well
-  Inactive
-  Capped
-  Plugged
-  Unknown

OPERATOR:
SOLARIS WATER MIDSTREAM, LLC.



(432) 631-4738
info@coosaconsulting.com

Coordinate System:
NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 541,337.5000
False Northing: 0.0000
Central Meridian: -104.3333
Scale Factor: 0.9999
Latitude Of Origin: 31.0000
Units: Foot US



Rev: 0

Water Well Sampling Table							
Water Well ID	OSE Status	Owner	Available Contact Information	Use	Latitude	Longitude	Notes
L 00298	Active	Patricia T. Hoopes	P.o. Box 571 Jal, NM 88252	Irrigation	32.63028	-103.143906	
L 00298 POD3	Active	J.w. Neal	P.o. Box 278 Hobbs, NM 88240	Irrigation	32.633882	-103.141763	
L 00298 POD4	Active	Lloyd J. Murphy	P.o. Box 2404 Hobbs, NM 88240	Irrigation	32.635735	-103.135351	
L 00299	Active	Dale L. Hoopes	P.o. Box 571 Jal, NM 88252	Irrigation	32.628445	-103.141812	
L 00561	Active	John T. Wilson	1201 West Van Buren Lovington, NM	Irrigation	32.620973	-103.144	
L 00561 POD10	Active	Jerry Winker	75 Paa Ko Drive Sandia Park, NM 87047	Irrigation	32.622111	-103.142859	
L 00561 POD11	Active	D.I. Mayes	P.o. Box 800 Hobbs, NM	Irrigation	32.620256	-103.132123	
L 00561 POD3	Inactive	Mccasland Limited Partnership	Po Box 206 Eunice, NM 88231	Irrigation	32.622988	-103.137502	Not suitable for sampling based on status
L 00561 POD4	Active	John T. Wilson	1201 West Van Buren Lovington, NM	Irrigation	32.623019	-103.143917	
L 00561 POD5	Active	Mccasland Limited Partnership	Po Box 206 Eunice, NM 88231	Irrigation	32.621216	-103.135386	
L 00561 POD6	Active	Mccasland Limited Partnership	Po Box 206 Eunice, NM 88231	Irrigation	32.621216	-103.135386	
L 00561 POD8	Active	Susan Schmitt	1837 Chama Hobbs, NM 88240	Irrigation	32.621185	-103.141823	
L 00561 POD9	Inactive	H.b. Yarbro	314 E. Byres Hobbs, NM	Agriculture	32.621216	-103.13967	Not suitable for sampling based on status
L 00561 S	Active	D.I. Mayes	P.o. Box 800 Hobbs, NM	Irrigation	32.623009	-103.131064	
L 00996 POD1	Active	Wilder Porter	Box 733 Hobbs, NM	Domestic	32.622988	-103.137502	
L 01296	Pending	Richard Mabry	General Delivery Hobbs, NM	Domestic	32.625735	-103.129995	
L 01338	Active	C.m. Chapman	Box 42 Hobbs, NM	Domestic	32.625735	-103.129995	
L 01372	Active	Chris Furneaux	301 Rainbow Drive Hobbs, NM	Livestock Watering	32.627526	-103.157828	Sample collected 12-05-2024
L 01373	N/A	Chris Furneaux	301 Rainbow Drive Hobbs, NM	Livestock Watering	32.627526	-103.149249	Not suitable for sampling based on status
L 01687 POD1	Active	E L Curry	Star Route A Hobbs, NM	Domestic	32.622988	-103.137502	
L 01989	Active	Marcia J. Schubert	Po Box 6056 Hobbs, NM 88240	Irrigation	32.637549	-103.143894	Sample collected 01-15-2025
L 01990	Active	C.w. Jobe	320 So. Turner St. Hobbs, NM	Irrigation	32.635704	-103.137505	
L 02514	Pending	D J Youngblood	413 N Cecil , NM	Domestic	32.623019	-103.139633	
L 02829	Active	Sherman Smith	Star Route A Hobbs, NM	Domestic	32.622988	-103.141786	
L 02978	Active	A W Buschman	Star Route A Hobbs, NM	Domestic	32.619385	-103.139644	
L 03433	Active	Leonard Smith	Star Route A Hobbs, NM	Domestic	32.625735	-103.129995	
L 03822	Pending	Cecil Reid	Box 2333 Hobbs, NM	Domestic	32.625735	-103.129995	
L 03910	N/A	Patricia A Wasson	1419 Cimarron Odessa, TX	Domestic	32.625735	-103.129995	Not suitable for sampling based on status
L 04091	Active	Theodore R Johnson	Po Box 1926 Hobbs, NM	Domestic	32.624809	-103.132444	
L 04568	N/A	Ruth T. Furneaux	101 West Tycksen Farmington, NM	Irrigation	32.63664	-103.147121	Not suitable for sampling based on status
L 04791	Plugged	Noble Drilling Corp	Drawer 550 Midland, TX 79705	Prospecting	32.631088	-103.153471	Not suitable for sampling based on status
L 04970	Pending	James C Cooce	Star Route A Box 24A Hobbs, NM	Domestic	32.622101	-103.130007	
L 05877	Active	Johnny Brice	1128 Princess Jeanne Hobbs, NM 88240	Domestic	32.629371	-103.147132	
L 06081	Active	Eldon Cranfill	% Frank Glasspoole Star Rt A Llano Grande Rd Hobbs, NM	Domestic	32.627516	-103.1321	
L 06310	Pending	Lloyd W White	Star Toute A Box 30D Hobbs, NM 88240	Domestic and Livestock Watering	32.622101	-103.130007	
L 09009	Active	Terry King	Po Box 5853 Hobbs, NM 88240	Domestic	32.630247	-103.133195	
L 09038	Plugged	Terry Asel	Star Rt, Space 36 2500 E. Senger Hobbs, NM 88240	Domestic	32.630247	-103.133195	Not suitable for sampling based on status
L 09038 POD2	Active	Terry Asel	Star Rt, Space 36 2500 E. Senger Hobbs, NM 88240	Domestic	32.630247	-103.133195	
L 09074	Active	Jerry Vann	200 W. Midwest Hobbs, NM 88240	Domestic	32.633913	-103.135325	
L 09081	Active	Georgia Martin	408 E. Lea Hobbs, NM 88240	Domestic	32.633882	-103.133194	
L 09164	Active	Carl Stegmoller	615 N. Morland Hobbs, NM 88240	Domestic	32.630247	-103.133195	
L 09205	Active	Marlene L. Blesch	6001 Gasper Hobbs, NM 88240	Domestic	32.635735	-103.135351	
L 09302	Active	Ginger Stewart	Star Rt B, Box 15 Hobbs, NM 88240	Domestic	32.629371	-103.138563	
L 09384	Pending	James Overton Stanford	920 East Michigan Hobbs, NM 88240	Domestic	32.635704	-103.137505	
L 09481	Active	Gary Kennedy	117 Kim Lane Hobbs, NM 88240	Domestic	32.627516	-103.1321	
L 09501	Active	Ray Carr	Box 5094 Hobbs, NM 88241	Domestic	32.630248	-103.13749	
L 09591	Pending	Billy Haynes	1208 S. Linam Hobbs, NM 88240	Domestic	32.636631	-103.138541	
L 09606	Active	Mariann Vann	5801 Gasper Hobbs, NM 88240	Domestic	32.63211	-103.135362	
L 09620	Active	Jessie Johncox	Star Rt B, Box 1500 Hobbs, NM 88240	Exploration	32.637508	-103.137467	Not suitable for sampling based on use
L 09664	Active	Greg Chadwick	Po Box 5937 Hobbs, NM 88241	Domestic	32.636631	-103.138541	
L 09773	Active	Gene Horn	Star Rt B, Box 1500 Hobbs, NM 88240	Domestic	32.633005	-103.134267	
L 09776	Active	J. D. Norby	3909 N. Fowler Hobbs, NM 88240	Domestic	32.636631	-103.138541	
L 09825	Active	Ben Fisher	517 N. Coleman Hobbs, NM 88240	Domestic	32.633005	-103.134267	
L 09836	Active	W. J. Patterson	504 E. Nadine Rd. Hobbs, NM 88240	Domestic	32.62484	-103.13109	
L 09868	Active	Melvin Henry	709 E. Dunnam Hobbs, NM 88240	Domestic	32.636631	-103.138541	
L 09995	Active	Gerald Mace	Po Box 1515 Hobbs, NM 88240	Domestic	32.632079	-103.137516	
L 10070	Pending	Dale L. Hoopes	410 East Nadine Road Hobbs, NM 88240	Livestock Watering	32.627516	-103.1321	
L 10130	Active	Dewayne Spears	6020 S. Bronco Dr. Hobbs, NM 88240	Domestic	32.633882	-103.137479	
L 10132	Active	David Cowger	1020 Everglade Hobbs, NM 88240	Domestic	32.633882	-103.137479	
L 10417	Active	Ken Whicker	6405 Broncho Drive Hobbs, NM 88240	Domestic	32.62937	-103.134268	
L 10425	Active	Kathie Jennings	Box 833 Eunice, NM 88231	Multiple Domestic	32.617582	-103.139681	
L 10536	Active	Billy Hull	6021 S. Broncho Drive Hobbs, NM 88240	Domestic	32.636631	-103.138541	
L 10548	Active	Shannon Stephens	5711 E. Gaspar Hobbs, NM 88240	Domestic	32.62937	-103.134268	
L 10592	Active	Monty Randolph	6215 Broncho Hobbs, NM 88240	Domestic	32.627516	-103.1321	
L 10610	Active	Daniel Johncox	5706 Bronco Drive Hobbs, NM 88240	Livestock Watering	32.627516	-103.1321	
L 10627	Active	Thomas Case	6203 S. Bronco Hobbs, NM 88240	Domestic	32.62937	-103.134268	
L 10660	Active	Dorothy Province	Po Box 663 Hobbs, NM 88241	Domestic	32.634786	-103.140657	
L 10730	Pending	Efrain Torres	6020 S. Gaspar Hobbs, NM 88240	Domestic	32.633005	-103.134267	
L 10812	Active	Mary J. Ortega	6020 Don Gasper Hobbs, NM 88240	Domestic	32.627516	-103.1321	
L 11014	Active	White	7025 Eunice Hwy Hobbs, NM 88240	Domestic	32.620256	-103.132123	
L 11127	Active	Reagent Chemical	Po Box 1253 Stanton, TX 79782	Sanitation	32.639371	-103.14392	Not suitable for sampling based on use
L 11172	Active	Carolina Gracia	5818 Bronco Hobbs, NM 88240	Domestic	32.635704	-103.137505	
L 11222	Active	David Smith	5726 Bronco Hobbs, NM 88240	Domestic	32.632079	-103.137516	
L 11301	Active	Katherine Mills	401 W. Monument Rd. Hobbs, NM 88240	Domestic	32.637539	-103.139599	
L 11375	Pending	Domingo Marquez	6419 Eunice Hwy Hobbs, NM 88240	Domestic	32.630247	-103.133195	
L 11510	Active	Leo V. Sims, II	Po Box 2630 Hobbs, NM 88240	Livestock Watering	32.633005	-103.134267	
L 11820	Active	Pete Rodriguez	5818 S. Bronco Dr. Hobbs, NM 88240	Livestock Watering	32.635735	-103.135351	
L 11850	Active	Israel Saenz	301 W. Monument Rd. Hobbs, NM 88240	Domestic	32.637508	-103.137467	
L 12011 POD1	Active	Viola Fisher	6201 Gasper Hobbs, NM 88240	Domestic	32.632556	-103.134361	
L 12343 POD1	Active	Jose Hernandez	1014 N. Pecan Hobbs, NM 88240	Domestic	32.620389	-103.140777	
L 12364 POD1	N/A	Mcneill Ranch	P.o. Box 1092 Hobbs, NM 88241	Domestic	32.629597	-103.154889	Not suitable for sampling based on status
L 12364 POD2	Pending	Mcneill Ranch	P.o. Box 1092 Hobbs, NM 88241	Domestic	32.629597	-103.154817	
L 12364 POD3	N/A	Mcneill Ranch	P.o. Box 1092 Hobbs, NM 88241	Domestic	32.630833	-103.15405	Not suitable for sampling based on status
L 12530 POD1	Active	Asel	P.o. Box Ss Carlsbad, NM 88221	Domestic	32.631805	-103.134334	
L 12851 POD1	Active	Chestina Benite	7400 S. Telephone Pole Road	Domestic	32.619139	-103.140528	
L 12880 POD1	Active	Joe Luker	6815 S Eunice Highway Hobbs, NM 88240	Domestic	32.625528	-103.130027	
L 13067 POD1	Active	Schubert Construction	Po Box 6056 Hobbs, NM 88241	Sanitation	32.618489	-103.133083	Not suitable for sampling based on use
L 13769 POD1	Active	Manuel Mata	Po Box 1263 Hobbs, NM 882411263	Domestic	32.626389	-103.143334	
L 14578 POD1	Pending	Eleuterio A Jurado Camacho	6232 S Gasper Street Hobbs, NM 88240	Domestic and Livestock Watering	32.631864	-103.132636	
L 14658 POD1	Active	Estate Of Mary Lou Welms	Po Box 393 Hobbs, NM 88241	Domestic	32.631084	-103.132389	
L 15214 POD1	Active	Michael Boehm	5727 S Bronco Dr Hobbs, NM 88240	Domestic	32.637359	-103.137825	
L 15387 POD1	Active	Derek Nelson	6825 S Eunice Hwy Hobbs, NM 88240	Domestic	32.625027	-103.129597	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 17, 2024

CHAD GALLAGHER

ARIS WATER SOLUTIONS

9811 KATY FWY

HOUSTON, TX 77024

RE: MC NEIL SWD

Enclosed are the results of analyses for samples received by the laboratory on 12/05/24 14:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NAReported:
17-Dec-24 12:13

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L - 01372	H247409-01	Water	05-Dec-24 00:00	05-Dec-24 14:41
L - 10466	H247409-02	Water	05-Dec-24 00:00	05-Dec-24 14:41
L - 08446	H247409-03	Water	05-Dec-24 00:00	05-Dec-24 14:41

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

L - 01372**H247409-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	244		5.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Chloride*	64.0		4.00	mg/L	1	4120519	CT	05-Dec-24	4500-Cl-B	
Conductivity*	784		1.00	umhos/cm @ 25°C	1	4120521	AC	05-Dec-24	120.1	
pH*	6.64		0.100	pH Units	1	4120510	AC	05-Dec-24	150.1	
Temperature °C	19.6			pH Units	1	4120510	AC	05-Dec-24	150.1	
Resistivity	12.8			Ohms/m	1	4120521	AC	05-Dec-24	120.1	
Sulfate*	107		25.0	mg/L	2.5	4120614	HM	06-Dec-24	375.4	
TDS*	520		5.00	mg/L	1	4120515	HM	06-Dec-24	160.1	
Alkalinity, Total*	200		4.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
TSS*	<2.00		2.00	mg/L	1	4120522	AC	06-Dec-24	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	0.046	0.008	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	J
Calcium*	79.6	0.115	0.200	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Hardness as CaCO3	256		0.911	mg/L	1	[CALC]	AWG	12-Dec-24	2340 B	
Iron*	0.037	0.026	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	J
Magnesium*	14.0	0.038	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Potassium*	2.98	0.106	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Sodium*	63.8	0.254	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Strontium*	0.809	0.014	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

L - 10466
H247409-02 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	210		5.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Chloride*	56.0		4.00	mg/L	1	4120519	CT	05-Dec-24	4500-Cl-B	
Conductivity*	627		1.00	umhos/cm @ 25°C	1	4120521	AC	05-Dec-24	120.1	
pH*	6.82		0.100	pH Units	1	4120510	AC	05-Dec-24	150.1	
Temperature °C	19.4			pH Units	1	4120510	AC	05-Dec-24	150.1	
Resistivity	15.9			Ohms/m	1	4120521	AC	05-Dec-24	120.1	
Sulfate*	95.8		25.0	mg/L	2.5	4120614	HM	06-Dec-24	375.4	
TDS*	430		5.00	mg/L	1	4120515	HM	06-Dec-24	160.1	
Alkalinity, Total*	172		4.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
TSS*	<2.00		2.00	mg/L	1	4120522	AC	06-Dec-24	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	0.035	0.008	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	J
Calcium*	56.0	0.115	0.200	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Hardness as CaCO3	200		0.911	mg/L	1	[CALC]	AWG	12-Dec-24	2340 B	
Iron*	0.046	0.026	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	J
Magnesium*	14.7	0.038	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Potassium*	2.48	0.106	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Sodium*	51.9	0.254	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Strontium*	0.711	0.014	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

L - 08446**H247409-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	234		5.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
Chloride*	60.0		4.00	mg/L	1	4120519	CT	05-Dec-24	4500-Cl-B	
Conductivity*	707		1.00	umhos/cm @ 25°C	1	4120521	AC	05-Dec-24	120.1	
pH*	6.70		0.100	pH Units	1	4120510	AC	05-Dec-24	150.1	
Temperature °C	19.4			pH Units	1	4120510	AC	05-Dec-24	150.1	
Resistivity	14.1			Ohms/m	1	4120521	AC	05-Dec-24	120.1	
Sulfate*	84.8		25.0	mg/L	2.5	4120614	HM	06-Dec-24	375.4	
TDS*	482		5.00	mg/L	1	4120515	HM	09-Dec-24	160.1	
Alkalinity, Total*	192		4.00	mg/L	1	4120601	AC	06-Dec-24	310.1	
TSS*	<2.00		2.00	mg/L	1	4120522	AC	06-Dec-24	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	0.041	0.008	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	J
Calcium*	64.8	0.115	0.200	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Hardness as CaCO3	213		0.911	mg/L	1	[CALC]	AWG	12-Dec-24	2340 B	
Iron*	<0.026	0.026	0.050	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Magnesium*	12.4	0.038	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Potassium*	2.04	0.106	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Sodium*	63.2	0.254	1.00	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	
Strontium*	0.652	0.014	0.100	mg/L	1	B243628	AWG	12-Dec-24	EPA 200.7	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120510 - General Prep - Wet Chem**LCS (4120510-BS1)**

Prepared & Analyzed: 05-Dec-24

pH	6.88		pH Units	7.00		98.3	90-110			
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Duplicate (4120510-DUP1)

Source: H247397-01

Prepared & Analyzed: 05-Dec-24

pH	7.19	0.100	pH Units	7.15		0.558	20			
Temperature °C	20.4		pH Units	20.4		0.00	200			

Batch 4120515 - Filtration**Blank (4120515-BLK1)**

Prepared: 10-Dec-24 Analyzed: 11-Dec-24

TDS	ND	5.00	mg/L							
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LCS (4120515-BS1)

Prepared: 05-Dec-24 Analyzed: 06-Dec-24

TDS	804		mg/L	1000		80.4	80-120			
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Duplicate (4120515-DUP1)

Source: H247395-01

Prepared: 06-Dec-24 Analyzed: 09-Dec-24

TDS	1280	5.00	mg/L	1250		2.76	20			
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Batch 4120519 - General Prep - Wet Chem**Blank (4120519-BLK1)**

Prepared & Analyzed: 05-Dec-24

Chloride	ND	4.00	mg/L							
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LCS (4120519-BS1)

Prepared & Analyzed: 05-Dec-24

Chloride	116	4.00	mg/L	100		116	80-120			
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LCS Dup (4120519-BSD1)

Prepared & Analyzed: 05-Dec-24

Chloride	112	4.00	mg/L	100		112	80-120	3.51	20	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120521 - General Prep - Wet Chem**LCS (4120521-BS1)**

Prepared & Analyzed: 05-Dec-24

Conductivity	473		uS/cm	500		94.6	80-120			
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Duplicate (4120521-DUP1)

Source: H247409-01

Prepared & Analyzed: 05-Dec-24

Conductivity	788	1.00	umhos/cm @ 25°C		784			0.509	20	
Resistivity	12.7		Ohms/m		12.8			0.509	20	

Batch 4120522 - Filtration**Blank (4120522-BLK1)**

Prepared: 05-Dec-24 Analyzed: 06-Dec-24

TSS	ND	2.00	mg/L							
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LCS (4120522-BS1)

Prepared: 05-Dec-24 Analyzed: 06-Dec-24

TSS	96.0		mg/L	100		96.0	80-120			
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Duplicate (4120522-DUP1)

Source: H247340-04

Prepared: 05-Dec-24 Analyzed: 06-Dec-24

TSS	5.00	2.00	mg/L		5.40			7.69	52.7	
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Batch 4120601 - General Prep - Wet Chem**Blank (4120601-BLK1)**

Prepared & Analyzed: 06-Dec-24

Alkalinity, Carbonate	ND	1.00	mg/L							
Alkalinity, Bicarbonate	5.00	5.00	mg/L							
Alkalinity, Total	4.00	4.00	mg/L							

LCS (4120601-BS1)

Prepared & Analyzed: 06-Dec-24

Alkalinity, Carbonate	ND	2.50	mg/L				80-120			
Alkalinity, Bicarbonate	318	12.5	mg/L				80-120			
Alkalinity, Total	260	10.0	mg/L	250		104	80-120			

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4120601 - General Prep - Wet Chem**LCS Dup (4120601-BSD1)**

Prepared & Analyzed: 06-Dec-24

Alkalinity, Carbonate	ND	2.50	mg/L				80-120		20	
Alkalinity, Bicarbonate	330	12.5	mg/L				80-120	3.86	20	
Alkalinity, Total	270	10.0	mg/L	250		108	80-120	3.77	20	

Batch 4120614 - General Prep - Wet Chem**Blank (4120614-BLK1)**

Prepared & Analyzed: 06-Dec-24

Sulfate	ND	10.0	mg/L							
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LCS (4120614-BS1)

Prepared & Analyzed: 06-Dec-24

Sulfate	16.1	10.0	mg/L	20.0		80.4	80-120			
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LCS Dup (4120614-BSD1)

Prepared & Analyzed: 06-Dec-24

Sulfate	16.5	10.0	mg/L	20.0		82.6	80-120	2.76	20	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: NONE GIVEN
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
17-Dec-24 12:13

Total Recoverable Metals by ICP (E200.7) - Quality Control**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B243628 - Total Recoverable by ICP**Blank (B243628-BLK1)**

Prepared: 11-Dec-24 Analyzed: 12-Dec-24

Magnesium	ND	0.100	mg/L							
Barium	ND	0.050	mg/L							
Strontium	ND	0.100	mg/L							
Calcium	ND	0.200	mg/L							
Sodium	ND	1.00	mg/L							
Iron	ND	0.050	mg/L							
Potassium	ND	1.00	mg/L							

LCS (B243628-BS1)

Prepared: 11-Dec-24 Analyzed: 12-Dec-24

Strontium	1.95	0.100	mg/L	2.00		97.6	85-115			
Sodium	1.60	1.00	mg/L	1.62		99.1	85-115			
Potassium	3.95	1.00	mg/L	4.00		98.9	85-115			
Magnesium	10.0	0.100	mg/L	10.0		100	85-115			
Iron	2.00	0.050	mg/L	2.00		100	85-115			
Calcium	1.97	0.200	mg/L	2.00		98.6	85-115			
Barium	0.972	0.050	mg/L	1.00		97.2	85-115			

LCS Dup (B243628-BSD1)

Prepared: 11-Dec-24 Analyzed: 12-Dec-24

Magnesium	10.1	0.100	mg/L	10.0		101	85-115	1.10	20	
Strontium	1.95	0.100	mg/L	2.00		97.5	85-115	0.0861	20	
Potassium	3.98	1.00	mg/L	4.00		99.6	85-115	0.722	20	
Calcium	1.98	0.200	mg/L	2.00		99.0	85-115	0.389	20	
Sodium	1.61	1.00	mg/L	1.62		99.2	85-115	0.151	20	
Barium	0.976	0.050	mg/L	1.00		97.6	85-115	0.376	20	
Iron	2.01	0.050	mg/L	2.00		100	85-115	0.193	20	

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Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 30, 2025

CHAD GALLAGHER

ARIS WATER SOLUTIONS

9811 KATY FWY

HOUSTON, TX 77024

RE: MC NEIL SWD

Enclosed are the results of analyses for samples received by the laboratory on 01/15/25 15:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NAReported:
30-Jan-25 12:46

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
L1 L - 04568	H250219-01	Water	15-Jan-25 11:20	15-Jan-25 15:51
L4 L - 01989	H250219-02	Water	15-Jan-25 10:30	15-Jan-25 15:51
L6 / L7 L - 05789	H250219-03	Water	15-Jan-25 12:00	15-Jan-25 15:51

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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

L1 L - 04568
H250219-01 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	244		5.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Chloride*	56.0		4.00	mg/L	1	5011902	AC	20-Jan-25	4500-Cl-B	
Conductivity*	712		1.00	umhos/cm @ 25°C	1	5011615	CT	16-Jan-25	120.1	
pH*	6.92		0.100	pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Temperature °C	21.1			pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Resistivity	14.0			Ohms/m	1	5011615	CT	16-Jan-25	120.1	
Sulfate*	92.6		25.0	mg/L	2.5	5011740	CT	20-Jan-25	375.4	
TDS*	429		5.00	mg/L	1	5011635	CT	20-Jan-25	160.1	
Alkalinity, Total*	200		4.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
TSS*	<2.00		2.00	mg/L	1	5011658	CT	20-Jan-25	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	<0.250		0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Calcium*	71.8		1.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Hardness as CaCO3	236		4.56	mg/L	5	[CALC]	AWG	28-Jan-25	2340 B	
Iron*	<0.250		0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Magnesium*	13.7		0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Potassium*	<5.00		5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Sodium*	65.8		5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Strontium*	0.611		0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

L4 L - 01989**H250219-02 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	215		5.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Chloride*	72.0		4.00	mg/L	1	5011902	AC	20-Jan-25	4500-Cl-B	
Conductivity*	788		1.00	umhos/cm @ 25°C	1	5011615	CT	16-Jan-25	120.1	
pH*	7.05		0.100	pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Temperature °C	20.8			pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Resistivity	12.7			Ohms/m	1	5011615	CT	16-Jan-25	120.1	
Sulfate*	154		25.0	mg/L	2.5	5011740	CT	20-Jan-25	375.4	
TDS*	496		5.00	mg/L	1	5011635	CT	20-Jan-25	160.1	
Alkalinity, Total*	176		4.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
TSS*	36.3		2.00	mg/L	1	5011658	CT	20-Jan-25	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	<0.250		0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Calcium*	67.2		1.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Hardness as CaCO3	231		4.56	mg/L	5	[CALC]	AWG	28-Jan-25	2340 B	
Iron*	0.537		0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Magnesium*	15.3		0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Potassium*	<5.00		5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Sodium*	83.1		5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	
Strontium*	0.704		0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7	

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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

L6 / L7 L - 05789**H250219-03 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	224		5.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
Chloride*	100		4.00	mg/L	1	5011902	AC	20-Jan-25	4500-Cl-B	
Conductivity*	861		1.00	umhos/cm @ 25°C	1	5011615	CT	16-Jan-25	120.1	
pH*	6.90		0.100	pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Temperature °C	20.4			pH Units	1	5011615	CT	16-Jan-25	150.1	PH-HT
Resistivity	11.6			Ohms/m	1	5011615	CT	16-Jan-25	120.1	
Sulfate*	171		25.0	mg/L	2.5	5011740	CT	20-Jan-25	375.4	
TDS*	546		5.00	mg/L	1	5011635	CT	20-Jan-25	160.1	
Alkalinity, Total*	184		4.00	mg/L	1	5011511	CT	17-Jan-25	310.1	
TSS*	<2.00		2.00	mg/L	1	5011658	CT	20-Jan-25	160.2	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**

Barium*	<0.250	0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Calcium*	82.0	1.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Hardness as CaCO3	285	4.56	mg/L	5	[CALC]	AWG	28-Jan-25	2340 B
Iron*	<0.250	0.250	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Magnesium*	19.5	0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Potassium*	<5.00	5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Sodium*	72.4	5.00	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7
Strontium*	0.910	0.500	mg/L	5	B250208	AWG	28-Jan-25	EPA 200.7

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5011511 - General Prep - Wet Chem**Blank (5011511-BLK1)**

Prepared & Analyzed: 15-Jan-25

Alkalinity, Carbonate	ND	1.00	mg/L							
Alkalinity, Bicarbonate	5.00	5.00	mg/L							
Alkalinity, Total	4.00	4.00	mg/L							

LCS (5011511-BS1)

Prepared & Analyzed: 15-Jan-25

Alkalinity, Carbonate	ND	2.50	mg/L				80-120			
Alkalinity, Bicarbonate	318	12.5	mg/L				80-120			
Alkalinity, Total	260	10.0	mg/L	250		104	80-120			

LCS Dup (5011511-BSD1)

Prepared & Analyzed: 15-Jan-25

Alkalinity, Carbonate	ND	2.50	mg/L				80-120		20	
Alkalinity, Bicarbonate	305	12.5	mg/L				80-120	4.02	20	
Alkalinity, Total	250	10.0	mg/L	250		100	80-120	3.92	20	

Batch 5011615 - General Prep - Wet Chem**LCS (5011615-BS1)**

Prepared & Analyzed: 16-Jan-25

Conductivity	480		uS/cm	500		96.0	80-120			
pH	7.11		pH Units	7.00		102	90-110			

Duplicate (5011615-DUP1)

Source: H250219-01

Prepared & Analyzed: 16-Jan-25

pH	6.94	0.100	pH Units		6.92			0.289	20	
Conductivity	704	1.00	umhos/cm @ 25°C		712			1.13	20	
Resistivity	14.2		Ohms/m		14.0			1.13	20	
Temperature °C	21.0		pH Units		21.1			0.475	200	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5011635 - Filtration**Blank (5011635-BLK1)**

Prepared: 16-Jan-25 Analyzed: 20-Jan-25

TDS	ND	5.00	mg/L							
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LCS (5011635-BS1)

Prepared: 16-Jan-25 Analyzed: 20-Jan-25

TDS	910		mg/L	1000		91.0	80-120			
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Duplicate (5011635-DUP1)

Source: H250219-02

Prepared: 16-Jan-25 Analyzed: 20-Jan-25

TDS	465	5.00	mg/L		496			6.45	20	
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Batch 5011658 - Filtration**Blank (5011658-BLK1)**

Prepared: 16-Jan-25 Analyzed: 21-Jan-25

TSS	ND	2.00	mg/L							
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LCS (5011658-BS1)

Prepared: 16-Jan-25 Analyzed: 21-Jan-25

TSS	9.00		mg/L	10.0		90.0	80-120			
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Duplicate (5011658-DUP1)

Source: H250189-02

Prepared: 16-Jan-25 Analyzed: 21-Jan-25

TSS	3.40	2.00	mg/L		3.00			12.5	52.7	
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Batch 5011740 - General Prep - Wet Chem**Blank (5011740-BLK1)**

Prepared: 17-Jan-25 Analyzed: 20-Jan-25

Sulfate	ND	10.0	mg/L							
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LCS (5011740-BS1)

Prepared: 17-Jan-25 Analyzed: 20-Jan-25

Sulfate	20.9	10.0	mg/L	20.0		105	80-120			
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 5011740 - General Prep - Wet Chem**LCS Dup (5011740-BSD1)**

Prepared: 17-Jan-25 Analyzed: 20-Jan-25

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Sulfate	21.3	10.0	mg/L	20.0		106	80-120	1.85	20	

Batch 5011902 - General Prep - Wet Chem**Blank (5011902-BLK1)**

Prepared: 19-Jan-25 Analyzed: 20-Jan-25

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	ND	4.00	mg/L							

LCS (5011902-BS1)

Prepared: 19-Jan-25 Analyzed: 20-Jan-25

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	108	4.00	mg/L	100		108	80-120			

LCS Dup (5011902-BSD1)

Prepared: 19-Jan-25 Analyzed: 20-Jan-25

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chloride	112	4.00	mg/L	100		112	80-120	3.64	20	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ARIS WATER SOLUTIONS
9811 KATY FWY
HOUSTON TX, 77024

Project: MC NEIL SWD
Project Number: 1/9/25
Project Manager: CHAD GALLAGHER
Fax To: NA

Reported:
30-Jan-25 12:46

Total Recoverable Metals by ICP (E200.7) - Quality Control**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch B250208 - Total Recoverable by ICP**Blank (B250208-BLK1)**

Prepared: 27-Jan-25 Analyzed: 28-Jan-25

Strontium	ND	0.100	mg/L							
Potassium	ND	1.00	mg/L							
Iron	ND	0.050	mg/L							
Barium	ND	0.050	mg/L							
Sodium	ND	1.00	mg/L							
Magnesium	ND	0.100	mg/L							
Calcium	ND	0.200	mg/L							

LCS (B250208-BS1)

Prepared: 27-Jan-25 Analyzed: 28-Jan-25

Potassium	4.26	1.00	mg/L	4.00		107	85-115			
Strontium	2.05	0.100	mg/L	2.00		102	85-115			
Sodium	1.82	1.00	mg/L	1.62		112	85-115			
Magnesium	10.5	0.100	mg/L	10.0		105	85-115			
Barium	1.03	0.050	mg/L	1.00		103	85-115			
Iron	2.12	0.050	mg/L	2.00		106	85-115			
Calcium	2.10	0.200	mg/L	2.00		105	85-115			

LCS Dup (B250208-BSD1)

Prepared: 27-Jan-25 Analyzed: 28-Jan-25

Magnesium	10.6	0.100	mg/L	10.0		106	85-115	0.114	20	
Potassium	4.19	1.00	mg/L	4.00		105	85-115	1.80	20	
Barium	1.02	0.050	mg/L	1.00		102	85-115	1.34	20	
Calcium	2.07	0.200	mg/L	2.00		104	85-115	1.02	20	
Sodium	1.76	1.00	mg/L	1.62		109	85-115	3.53	20	
Strontium	2.01	0.100	mg/L	2.00		101	85-115	1.59	20	
Iron	2.08	0.050	mg/L	2.00		104	85-115	1.85	20	

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Notes and Definitions

PH-HT	Analyzed outside the EPA recommended hold time of 15 minutes.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Attachment 6



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

Re: Geology Statement
Solaris Water Midstream, LLC
MD NM L4 S28 SWD #1
Section 28, T. 19S, R. 38E
Lea County, New Mexico

To whom it may concern:

Publicly available geologic and engineering data related to the proposed well have been thoroughly reviewed, and no evidence for open faults or any other hydrologic connection between the proposed Delaware Mountain Group injection zone and any underground sources of drinking water have been found.

Sincerely,

A handwritten signature in black ink that reads "Patrick Ryan". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Patrick Ryan
Sr. Geologist

Attachment 7

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
October 30, 2024
and ending with the issue dated
October 30, 2024.



Publisher

Sworn and subscribed to before me this
30th day of October 2024.

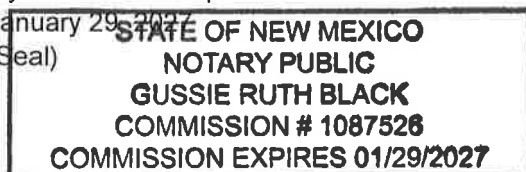


Business Manager

My commission expires

January 29, 2027

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

LEGAL

LEGAL

LEGAL NOTICE
October 30, 2024

Solaris Water Midstream, LLC, 907 Tradewinds Blvd, Midland, TX 79706, (OGRID# 331374), is filing Form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for commercial saltwater injection into its MD NM L4 S28 SWD #1. This will be a new well located 491' FSL & 510' FEL in Section 28 Township 19S Range 38E in Lea County, NM, which is approximately 5.1 miles South of Hobbs, NM. The purpose of the well is to inject produced water from permitted oil and gas wells in the area for commercial disposal into the San Andres & Glorieta formations at depths of 4,332' - 5,849' at a maximum surface injection pressure of 866 psi and a maximum injection rate of 25,000 barrels of water per day.

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. Additional information may be obtained by contacting the operator contact, Nate Alleman, at (918) 237-0559 or info@aceadvisors.com.
#00295586

67117907

00295586

NATE ALLEMAN
ACE ENERGY ADVISORS
501 E. FRANK PHILLIPS BLVD.
SUITE 201
BARTLESVILLE, OK 74006

Statement of Affected Person Notification

A copy of the C-108 application has been provided to the following Affected Persons as notification of the subject Application for Authorization to Inject (C-108).

Entity Name	Entity Address	Mailing Date
Site Surface Owner		
Solaris Water Midstream LLC	9651 Katy Fwy Ste 400 Houston, TX 77024-1590	09/26/2025
Applicable Mineral Owners		
Bureau of Land Management	Oil and Gas Division 620 E Greene St. Carlsbad, NM 88220	09/26/2025
OCD District Office		
OCD – District 1	1625 N. French Drive Hobbs, NM 88240	09/26/2025
Leaseholders within 1-Mile AOR		
DOH LLC	1209 Mountain Road PI NE, Ste N, Albuquerque, NM 87110	09/26/2025
Deerwood Exploration, LLC	106 East Porr Drive, Ruidoso, NM 88345-6932	09/26/2025
Riley Exploration Oper. Co., LLC	2008 N Council Blanchard, OK 73010	09/26/2025
L E Jones Operating, Inc	P.O. Box 1185 Duncan, OK 73534	09/26/2025
Leonard Resources	P.O. Box 3422 Midland, TX 79702	09/26/2025
Permian Basin Land Associates	214 West Texas Ave, Suite 1014 Midland, TX 79701	09/26/2025
Well Operators within AOR		
Three Forks Resources, LLC	4086 Youngfield Street Wheat Ridge, CO 80033	09/26/2025
L E Jones Operating, Inc	P.O. Box 1185 Duncan, OK 73534	09/26/2025

Nathan Alleman
 Ace Energy Advisors
 501 Se Fph Blvd Ste 201
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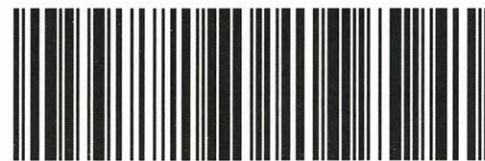
Solaris Water Midstream LLC
 9651 Katy Fwy Ste 400
 Houston TX 77024-1590

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Bureau of Land Management
 Oil and Gas Division
 620 E Greene St
 Carlsbad NM 88220-6292

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OCD – District 1
 1625 N French Dr
 Hobbs NM 88240-9273

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DOH LLC
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 Albuquerque NM 87110-7845

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Riley Exploration Op Co., LLC
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Blanchard OK 73010-8038

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Po Box 3422
Midland TX 79702-3422

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Three Forks Resources, LLC
 4086 Youngfield St
 Wheat Ridge CO 80033-3862

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Permian Basin Land Associates
 214 W Texas Ave Ste 1014
 Midland TX 79701-4610

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/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 509842

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 509842
	Action Type: [C-108] Fluid Injection Well (C-108)

CONDITIONS

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